

Zoznam publikačnej činnosti s ohlasmi

doc. RNDr. Peter Solár, PhD.

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách (1)

- AAA1 Biologické aspekty regenerační medicíny / Alexander Ostró, František Lešník a kol. - Olomouc : Nakladatelství Olomouc, s.r.o., 2008. - 228 s. [22,8 AH].. - ISBN 978-80-7182-250-9.
[OSTRÓ, Alexander V. [0,57 AH] (Autor) - BOBÁK, Ladislav [0,57 AH] (Autor) - CIBUR, Peter [0,57 AH] (Autor) - DANKOVČÍK, Róbert [0,57 AH] (Autor) - DUDÁŠ, Marek [0,57 AH] (Autor) - FEDOROČKO, Peter [0,57 AH] (Autor) - GOLDÍROVÁ, Mária (Autor) - HABALOVÁ, Viera [0,57 AH] (Autor) - HAMID, Z. (Autor) - HERMAN, M. [0,57 AH] (Autor) - HOLOVSKÁ, Vanda [0,57 AH] (Autor) - HULMAN, Michal (Autor) - KAŇOVSKÁ, K. (Autor) - KOLLER, Ján (Autor) - KOVAL, Ján (Autor) - KRAUSOVÁ, Tatiana (Autor) - KUBEŠ, Miroslav (Autor) - LEHOČKÁ, A. (Autor) - LEŠNÍK, František (Autor) - LUPTÁKOVÁ, Lenka (Autor) - MATALOVÁ, E. (Autor) - MIROSSAY, Ladislav [0,57 AH] (Autor) - MOJŽIŠ, Ján [0,57 AH] (Autor) - MÍŠEK, Ivan (Autor) - PETROVOVÁ, Eva (Autor) - RADOŇAK, Jozef [0,57 AH] (Autor) - ROSOCHA, Ján [0,57 AH] (Autor) - ROUBALÍKOVÁ, L. (Autor) - **SOLÁR, Peter [0,57 AH]** (Autor) - TOPORCEROVÁ, Silvia [0,57 AH] (Autor) - URDZÍK, Peter [0,57 AH] (Autor) - VARGA, Gabriel (Autor) - VAŠKO, Gabriel [0,57 AH] (Autor) - STUPÁKOVÁ, Viktória [0,57 AH] (Autor) - ŠARIŠSKÝ, Marek [0,57 AH] (Autor) - ŠTEMBÍREK, J. (Autor) - ŽIDZIK, Jozef [0,57 AH] (Autor) - ŽIVČÁK, Jozef (Autor) - ČELLÁR, Róbert [0,57 AH] (Autor) - ČÍŽKOVÁ, Dáša (Autor)]

Kategórie ohlasov do roku 2021: (3)

- [5] (2009) ŠPATENKA, Jaroslav. Alexander Ostró, František Lešník et al.: Biological aspects of ... In Cell Tissue Bank, 22 September 2009, s. [1-2].
[6] (2008) JURIŠ, Peter. Biologické aspekty regeneračnej medicíny. In Slovenský veterinársky časopis, 2008, roč. XXXIII, č. 3, s. 192.
[6] (2009) DANIS, Ján. Biologické aspekty regenerační medicíny : recenzia knihy. In Medical Practice, 2009, roč. IV, č. 3, s. 17.

MSEP 014732

ABA - Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách (1)

- ABA1 Plant -derived functional foods with chemopreventive and therapeutic potential against breast cancer: a review of the preclinical and clinical data [elektronický zdroj] / Peter Kubatka ... [et al.].
In: Functional Foods in Cancer Prevention and Therapy. - Londyn : Academic Press, 2020. - ISBN 9780128161517. - S. 283-314 [3,21 AH], online. Projekt: Hodnotenie antineoplastických účinkov rastlinných funkčných potravín v mamárnej karcinogéze - VEGA 1/0136/19 ; Génová regulácia a klonálna evolúcia v predikcii funkčno-mutačnej zmeny primárneho a metastatického karcinómu prsníka ako skorý prediktor vzniku, progresie, disseminácie a chemoterapeutickej rezistencie ochorenia - VEGA 1/0124/17 ; Úloha mikroRNA v karcinóme prsníka: biologický význam, ciele molekuly a signálne dráhy - APVV APVV-16-0021. 10.1016/B978-0-12-816151-7.00015-6 DOI;DOI;
[OV 180];
[KUBATKA, Peter (Autor, 50% [1,5 AH]) - MAZURÁKOVÁ, Alena (Autor, 10%) - KELLO, Martin (Autor, 8%) - MOJŽIŠ, Ján (Autor, 7%) - **SOLÁR, Peter (Autor, 5% [0,16 AH]** - SOLÁROVÁ, Zuzana (Autor, 5%) - ŽUBOR, Pavol (Autor, 5%) - ZULLI, Anthony (Autor, 4%) - DANKO, Ján (Autor, 4%) - KABIR, Yearul (Autor, 2%)]
- Kategórie ohlasov do roku 2021: (1)
- [3] (2020) SATHYA, T. N. - MEHTA, Vijay A. - SENTHIL, Devi - NAVANEETHAKRISHNAN, K. R. - MURUGAN, S. S. - KUMARAVEL, T. S.. Cytotoxicity

evaluation of CELNORM, a nutritional health supplement, on MCF7 breast cancer cells. In Indian Journal of Science and Technology [online] 2020, roč. 13, č. 30, s. 3070-3075. Dostupné na internete <<https://indjst.org/>>

Kategórie ohlasov od roku 2022: (2)

[1] (2025) ZAHARESCU, Traian - CRĂCIUN, Aurora - MIREA, Radu. Controlled degradation of EPR by natural antioxidant/POSS couples for packaging materials. In Radiation Physics and Chemistry, 2025, č. 228.

[2] (2021) CHINYERE, Onuoha - GERMAN, Ikimi Charles. In Vitro assessment of diet-derived phytochemicals on PSA Secretion. In African Journal of Biology and Medical Research, 2021, roč. 4, č. 3, s. 9-16.

MSEP 032659

ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (2)

ABC1 Breast Cancer and Current Therapeutic Approaches: From Radiation to Photodynamic Therapy / Peter Ferenc ... [et al.]. - recenzované. - Projekt: APVV VVCE 0001-07. - Projekt: APVV 0321-07. - Projekt: VEGA 1/0240/08. - Projekt: VEGA 1/0475/10. - Projekt: VEGA 1/096/09.

In: Breast cancer - current and alternative therapeutic modalities. - Rijeka : Intech, 2011. - ISBN 9789533077765. - S. 63-88. Projekt: Centrum pre výskum signalómu - APVV VVCE-0001-07 ; Hypericum spp. ako zdroj bioaktívnych látok s protinádorovou aktivitou - APVV APVV-0321-07 ; Vplyv zmien (fosfo)lipidového zloženia bunkových membrán na proliferáciu a prežívanie nádorových epitelových buniek hrubého čreva v experimentálnom modeli nádorovej terapie - VEGA 1/0240/08 ; Funkcia proteínu GDF-15 vo fotodynamickej terapii s hypericínom a kombinovanej terapii s NSAIDs - VEGA 1/0475/10 ; VEGA 1/096/09 - VEGA 1/096/09.

[OV 130];

[FERENC, Peter (Autor, 25%) - SOLÁR, Peter (Autor, 15%) - MIKEŠ, Jaromír (Autor, 20%) - KOVAL, Ján (Autor, 20%) - FEDOROČKO, Peter (Autor, 20%)]

Kategórie ohlasov do roku 2021: (1)

[1] (2013) HURELL, T., OUTHOFF, K. Human epidermal growth factor receptor 2-positive breast cancer: Which cytotoxic agent best complements trastuzumab's efficacy in vitro? In Onco Targets and Therapy, 2013, vol. 6, s. 693-701.

SSEP 012538

ABC2 Targeting HER2 with photodynamic therapy / Ján Koval' ... [et al.]. - Monografiu recenzovali editori.

In: Her2 and cancer: Mechanism, testing and targeted therapy. - New York : NOVA Science Publishers, 2011. - ISBN 9781611226508. - S. 1-46. SCOPUS;

[OV 130];

[KOVAL, Ján (Autor, 25%) - SOLÁR, Peter (Autor, 15%) - MIKEŠ, Jaromír (Autor, 20%) - JENDŽELOVSKÝ, Rastislav (Autor, 20%) - FEDOROČKO, Peter (Autor, 20%)]

SSEP 012721

ADC - Vedecké práce v zahraničných karentovaných časopisoch (51)

ADC Circadian and Circaannual Oscillations of Tissue Lipoperoxides in Rats / Peter Solár ... [et al.].

1 In: Physiological Research. - ISSN 0862-8408. - Vol. 44, no. 4 (1995), s. 249-256.

1995 CCC

[SOLÁR, Peter (Autor) - AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - TÓTH, Gabriel (Autor) - ŠMAJDA, Beňadik (Autor)]

Kategórie ohlasov do roku 2021: (11)

[1] (1998) MEZES, M. et al. Peroxide intake affects the relationship between glutathione ... In PROCEEDINGS OF THE 6TH WORLD RABBIT CONGRESS, 1998, s. B203-B207.

[1] (2000) BELLO-KLEIN, A. et al.: Circaannual changes in antioxidants and oxidative stress in the heart and liver in rats. In: Comp Biochem Phys C, Jun 2000, vol. 126, no. 2, s. 203-208.

[1] (2003) HALBERG, F. et. al. Chronomics : circadian ... In Journal of Experimental Therapeutics and Oncology, 2003, vol. 3, iss. 5, p. 223-260.

[1] (2005) RAMOS-VASCONCELOS, GR., CARDOSO, LA., HERMES-LIMA, M. Seasonal modulation of free radical metabolism ... In Comparative Biochemistry and Physiology C-Toxicology & Pharmacology, 2005, vol. 140, iss. 2, p. 165-174.

- [1] (2007) CIFRA, M. et. al. Daily variation of photon emission intensity from human hands. In 17th International Conference Radioelektronika, art. no. 4234260.
- [1] (2007) CIFRA, M. et.al. Spontaneous ultra-weak photon emission from human hands ... In Radioengineering, 2007, vol. 16, iss. 2, p. 15-19.
- [1] (2007) CIFRA, M. et al. Measurement of spontaneous ultra-weak ... In Measurement 2007 : 6th International Conference, 2007, s. 421-424.
- [1] (2007) FURDATO, O.V., Selected oxidative stress... In Comparative Biochemistry and Physiology C-Toxicology & Pharmacology. 2007, vol. 146, is. 1-2, p. 241-254.
- [1] (2007) MORERA, A.L., ABREU, P. Daytime/night-time... In Journal of Pineal Research. 2007, vol. 43, is. 3, p. 313-314.
- [1] (2007) SANI, M. et al. Malondialdehyde content... In Chronobiology International. 2007, vol. 24, is. 4, p. 671-685.
- [1] (2009) GADACHA, W. Resveratrol opposite effects on rat ... In Redox Report, 2009, vol. 14, no. 4, s. 154.

SSEP 00917

ADC Circadian Oscillations of Lipid Peroxides in the Rat Pineal Gland / P. Solár, I. Ahlers.

2 In: Physiological Research. - ISSN 0369-9463. - Vol. 46, no. 4 (1997), s. 323-325.

1997 CCC; 1997 IF=0,807; 1997 Q3 (Physiology) JIF

[SOLÁR, Peter (Autor) - AHLERS, Ivan (Autor)]

Kategórie ohlasov do roku 2021: (5)

[1] (2006) SUBASH, S. et al. Constant light influences the circadian oscilaltions ... In Biological Rhythm Research. 2006, vol. 37, no. 6, p. 471-477.

[1] (2007) SUBASH, S., SUBRAMANIAN, P. Influence of N-phthaloyl GABA ... In Iranian Journal of Phyrmacology and Therapeutics, 2007, vol. 6, no. 2, s. 115-118.

[1] (2008) SUBASH, S., SUBRAMANIAN, P., Influence of N-phthaloyl gamma-aminobutyric acid on circadian rhythms of lipid peroxidation products and antioxidants. In Biological Rhythm Research, 2008, vol. 39, iss. 1, p. 3-7.

[1] (2011) NACHIYAR, R.K. et al. Influence of aging on the circadian patterns of thiobarbituric ... In Biological Rhythm Research, 2011, vol. 42, no. 2, s. 147-154.

[1] (2011) NACHIYAR, R.K. et al. Influence of S-allyl cysteine on biochemical circadian ... In Biological Rhythm Research, 2011, vol. 42, no. 2, s. 155-162.

SSEP 02052

ADC Daily Rhythm in Rat Pineal Catecholamines / I. Ahlers ... [et al.].

3 In: Physiological Research. - ISSN 0862-8408. - Vol. 48 (1999), s. 231-234.

1999 CCC; 1999 IF=0,521; 1999 Q4 (Physiology) JCR

[AHLERS, Ivan (Autor) - PÁSTOROVÁ, Bernadeta (Autor) - SOLÁR, Peter (Autor) - AHLERSOVÁ, Eva (Autor)]

Kategórie ohlasov do roku 2021: (5)

[1] (2002) GARCIA-BORREGUERO, D., LARROSA, O., de la LLAVE, Y. Circadian aspects in the pathophysiology ... In Sleep Medicine, 2002, vol. 3, no. suppl. 1, s. S17-S21.

[1] (2004) GARCIA-BORREGUERO, D. et al. Circadian effects of dopaminergic treatment ... In Sleep Medicine. 2004, vol. 5, no. 4, p. 413-420.

[1] (2004) GARCIA-BORREGUERO, D. et al. Circadian variation in neuroendocrine response ... In Sleep. 2004, vol. 27, no. 4, p. 669-673.

[1] (2010) ZUBIDAT, A.E., NELSON, R.J., HAIM, A. Differential effects of photophase ... In Chronobiology International, 2010, vol. 27, no. 3, s. 487-516.

[1] (2011) ZUBIDAT, A.E., NELSON, R.J., HAIM, A. Spectral and duration sensitivity ... In Journal of Experimental Biology, 2011, vol. 214, no. 19, s. 3206-3217.

SSEP 02642

ADC Influence of age and K, Mg aspartate (Cardilan) on murine haemopoiesis / P. Fedoročko ... [et al.].

4 In: Mechanisms of Ageing and Development. - ISSN 0047-6374. - Vol. 119 (2000), s. 159-170.

2000 CCC; 2000 IF=1,897; 2000 Q2 (Cell Biology) JCR; 2000 Q2 (Geriatrics & Gerontology) JCR

[FEDOROČKO, Peter (Autor, 17%) - CHLEBOVSKÝ, Ondrej (Autor, 17%) - MACKOVÁ,

Nadežda (Autor, 17%) - SEDLÁKOVÁ-HOFEROVÁ, Z. (Autor, 17%) - SOLÁR, Peter (Autor, 16%) - NAĐOVÁ, Zuzana (Autor, 16%)]

Kategórie ohlasov do roku 2021: (4)

[1] (2002) KOO, J.C.P. et al. How reliable could economic Hartree-Fock computations be in studying large, folded peptides? In *J Mol Struc-Theochem*. Dec. 9, 2002, vol. 619, p. 143-194.

[1] (2003) KOO, J.C.P. et al. Conformational dependence of the intrinsic acidity of the aspartic acid residue sidechain ... In *J Mol Struc-Theorem*. Jan. 24, 2003, vol. 620, no. 2-3, p. 231-255.

[1] (2007) SOMMER, A.M., BOGUSCH, C., LERCHL, A. Cognitive function in outbred... In *Physiology & Behavior*. 2007, vol. 91, is. 1, p. 173-179.

[1] (2018) OLIVEIRA, D.C. et al. A review of select minerals influencing the haematopoietic process. In *Nutrition Research Reviews*, 2018, vol. 31, no. 2, s. 267-280.

SSEP 03304

ADC Effect of Acetazolamide on Hypericin Photocytotoxicity / Peter Solár ... [et al.].

5 In: *Planta Medica*. - ISSN 0032-0943. - Vol. 68, no. 7 (2002), s. 658-660.

2002 CCC; 2002 IF=2,289; 2002 Q2 (*Chemistry, Medicinal*) JCR; 2002 Q2 (*Pharmacology & Pharmacy*) JCR; 2002 Q1 (*Plant Sciences*) JCR

[SOLÁR, Peter (Autor) - ČAVARGA, Ivan (Autor) - HOFMANOVÁ, Jiřina (Autor) - ČEKANOVÁ, Mária (Autor) - MIŠKOVSKÝ, Pavol (Autor) - BREZÁNI, Peter (Autor) - HRČKOVÁ, Gabriela (Autor) - KOZUBÍK, Alois (Autor) - FEDOROČKO, Peter (Autor)]

Kategórie ohlasov do roku 2021: (8)

[1] (2006) GAI, X. et al. Acceleration of cell growth with low intracellular pH by acetazolamide, without change in intracellular Ca²⁺. In *Current Topics in Pharmacology*, 2006, vol. 10, iss. 2, p. 13-21.

[1] (2006) SOBACI, G. et al. Hypericin-enhanced argon laser photocoagulation... In *European J. of Ophthalmology*, 2006, 16 (1), p. 119-128.

[1] (2012) HUANG, L., CHEN, S. Hypericin in hypericum: Chemistry, botanical sources and biological activities. In *Journal of Chinese Pharmaceutical Sciences*, 2012, vol. 21, no. 5, s. 388-400.

[1] (2014) ZOR, M. et al. A hipericina aumenta a eficácia do laser de alta potência? um estudo preliminar e experimental em ratos [Does hypericin boost the efficacy of high-power laser? A preliminary experimental study on rats]. In *Sao Paulo Medical Journal*, 2014, vol. 132, no. 6, s. 344-348

[1] (2016) STAMMES, Marieke A. et al. Pre-clinical Evaluation of a Cyanine-Based SPECT Probe for Multimodal Tumor Necrosis Imaging. In *Molecular Imaging and Biology*, 2016, vol. 18, no. 6, s. 905-915.

[1] (2016) STAMMES, Marieke A. The Necrosis-Avid Small Molecule HQ4-DTPA as a Multimodal Imaging Agent for Monitoring Radiation Therapy-Induced Tumor Cell Death. In *Frontiers in Oncology*, 2016, vol. 6, art.no. 221.

[1] (2020) NSOLE BITEGHE, F.A. et al. Antibody-based immunotherapy: Alternative approaches for the treatment of metastatic melanoma. In *Biomedicines*, 2020, vol. 8, no. 9, art. no. 327.

[3] (2002) HERR, S. M. Herb-drug interaction handbook. [online]. 2nd edition. Nassau, NY : Church Street Books, 2002. 409 p. [cit. 2005-01-14]. Dostupn0 na internete:

<<http://www.onlinernd.com/sjw%20references.htm>>. ISBN 0-9678773-1-8.

MSEP 006813

ADC Cadmium-induced stimulation of stress-protein hsp70 in lichen photobiont *Trebouxia erici* / Martin

6 Bačkor, Antónia Giblová, J. Buďová, Jaromír Mikeš.

In: *Plant Growth Regulation*. - ISSN 0167-6903. - Roč. 50 (2006), s. 159-164.

2006 CCC; 2006 IF=0,903; 2006 Q3 (*Plant Sciences*) JCR

[BAČKOR, Martin (Autor) - BUĐOVÁ, Jana (Autor) - GIBLOVÁ, Antónia (Autor) - MIKEŠ, Jaromír (Autor) - SOLÁR, Peter (Autor)]

Kategórie ohlasov do roku 2021: (15)

[1] (2008) DI TOPPI, L.S. et al. First and second line mechanisms ... In *Environmental Pollution*, 2008, vol. 151, iss. 2, p. 280-286.

[1] (2008) RUSTICHELLI, C. et al. Proteomic analysis in the lichen *Physcia* ... In *Environmental Pollution*, 2008, vol. 156, no. 3, s. 1121-1127.

- [1] (2008) TORRES, M.A. et al. Biochemical biomarkers in algae and marine ... In *Ecotoxicology and Environmental Safety*, 2008, vol. 71, no. 1, s. 1-15.
- [1] (2009) RADIC, C. et al. Oxidative stress and DNA damage ... In *Environmental Toxicology and Chemistry*, 2009, vol. 28, no. 1, s. 189-196.
- [1] (2010) TUKAJ, S., TUKAJ, Z. Distinct chemical contaminants induce the synthesis ... In *Journal of Thermal Biology*, 2010, vol. 35, no. 5, s. 239-244.
- [1] (2011) BRANQUINHO, C. et al. The relative impact of lichen ... In *Environmental and Experimental Botany*, 2011, vol. 72, no. 1, s. 84-92.
- [1] (2011) OZTETIK, E., CICEK, A. Effects of urban air pollutants on elemental accumulation ... In *Environmental Toxicology and Chemistry*, 2011, vol. 30, no. 7, s. 1629-1636.
- [1] (2011) TUKAJ, S. et al. Time- and Dose-Dependent Induction of HSP70 in *Lemna* ... In *Bulletin Environmental Contamination and Toxicology*, 2011, vol. 87, no. 3, s. 226-230.
- [1] (2011) VOLLAND, S. et al. Intracellular metal compartmentalization ... In *Journal of Phycology*, 2011, vol. 47, no. 3, s. 565-579.
- [1] (2012) ÁLVAREZ, R. et al. Different strategies to achieve Pb-tolerance ... In *Journal of Plant Physiology*, 2012, vol. 169, no. 18, s. 1797-1806.
- [1] (2012) SHUKLA, V., UPRETI, D.K., PATEL, D.K. Physiological attributes of lichen ... In *Journal of Environmental Biology*, 2012, vol. 33, no. 6, s. 1051-1055.
- [1] (2016) HERNANDEZ, H.P.V. Effects of heavy metals ions on primary photosynthetic processes in antarctic filamentous alga *zygnema* sp. In *Czech Polar Reports*, 2016, vol. 6, no. 2, s. 180-185.
- [1] (2017) ZHANG, T. et al. Mercury induced oxidative stress, DNA damage, and activation of antioxidative system and Hsp70 induction in duckweed (*Lemna minor*). In *Ecotoxicology and Environmental Safety*, 2017, vol. 143, s. 46-56.
- [1] (2018) BANCHI, E. et al. Relation between water status and desiccation-affected genes in the lichen photobiont *Trebouxia gelatinosa*. In *Plant Physiology and Biochemistry*, 2018, vol. 129, s. 189-197.
- [1] (2018) CHEN, Z. et al. Identification of differentially accumulated proteins involved in regulating independent and combined osmosis and cadmium stress response in *Brachypodium* seedling roots. In *Scientific Reports*, 2018, vol. 8, no. 1, art.no. 7790.
- Kategórie ohlasov od roku 2022: (1)
- [1] (2023) ANSARI, B.K. et al. Accumulation of Cadmium in Transplanted Lichen *Pyxine coccinea* (Sw.) Nyl., with Reference to Physiochemical Variation and Kinetics of Cadmium Biosorption. In *Bulletin of Environmental Contamination and Toxicology*, 2023, vol. 110, no. 4, art. no. 67

SSEP 006850

- ADC 7 Praziquantel and liposomized glucan-treatment modulated liver fibrogenesis and mastocytosis in mice infected with *Mesocostoides vogae* (M. corti, Cestoda) tetrathyridia / Gabriela Hřčková... [et al.].

In: *Parasitology*. - ISSN 1995-2003. - Roč. 132 (2006), s. 581-594.

2006 CCC; 2006 IF=1,786; 2006 Q2 (*Parasitology*) JCR

[HŘČKOVÁ, Gabriela (Autor) - VELEBNÝ, Stanislav (Autor) - DAXNEROVÁ, Zuzana (Autor) - SOLÁR, Peter (Autor)]

Kategórie ohlasov do roku 2021: (3)

[1] (2007) PORUBCOVA, J., DVOROZNAKOVA, E., SEVCIKOVA, Z. Immunomodulative effect of glucan... In *Parasitology Research*. 2007, vol. 101, is. 3, p. 751-760.

[1] (2009) DEZFULI, B.S., MANERA, M., GIARI, L. Immune response to nematode larvae in the liver ... In *Journal of Fish Diseases*, 2009, vol. 32, no. 4, s. 383-390.

[1] (2009) DEZFULI, B.S. et al. Inflammatory response to parasitic helminths ... In *Aquaculture*, 2009, vol. 296, no. 1-2, s. 1-6.

Kategórie ohlasov od roku 2022: (1)

[1] (2023) ALESCI, A. et al. Mast cells in goldfish (*Carassius auratus*) gut: Immunohistochemical characterization. In *Acta Zoologica*, 2023, roč. 104, č. 3, s. 366-379.

SSEP 006942

- ADC 8 Modulation of hypericin photodynamic therapy by pretreatment with 12 various inhibitors of arachidonic acid metabolism in colon adenocarcinoma HT-29 cells / Ján Kleban... [et al.].

In: *Photochemistry and Photobiology : an international journal*. - ISSN 0031-8655. - Roč. 83, č. 5

(2007), s. 1174-1185. CCC; SCOPUS; WOS;

2007 IF=2,172; 2007 Q3(Biochemistry & molecular biology) JCR; 2007 Q3(Biophysics) JCR
[KLEBAN, Ján (Autor, 10%) - FEDOROČKO, Peter (Autor, 10%) - HOFMANOVÁ, Jiřina (Autor, 10%) - HORVÁTH, Viktor (Autor, 10%) - KOVAL, Ján (Autor, 10%) - KOZUBÍK, Alois (Autor, 10%) - MIKEŠ, Jaromír (Autor, 10%) - SAČKOVÁ, Veronika (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - SZILÁRDIOVÁ, Beáta (Autor, 10%)]

Kategórie ohlasov do roku 2021: (7)

[1] (2008) DUDAS, M. et al. Memory encoded throughout our bodies : molecular ... In *Pediatric Research*, 2008, vol. 63, iss. 5, p. 502-512.

[1] (2009) SCHNEIDER-YIN, X.Y. et al. Hypericin and 5-aminolevulinic acid-induced protoporphyrin ... In *Photodiagnosis and Photodynamic Therapy*, 2009, vol. 6, no. 1, s. 12-18.

[1] (2011) CASAS, A. et al. Mechanisms of resistance ... In *Current Medicinal Chemistry*, 2011, vol. 18, no. 16, s. 2486-2515.

[1] (2014) CAUCHON, Nicole et al. Deciphering PDT-induced inflammatory responses using real-time FDG-PET in a mouse tumour model. In *Photochemical & Photobiological Sciences*, 2014, vol. 13, no. 10, s. 1434-1443.

[1] (2014) GÁNDARA, L. et al. The natural flavonoid silybin improves the response to Photodynamic Therapy of bladder cancer cells. In *Journal of Photochemistry and Photobiology B: Biology*, 2014, vol. 133, s. 55-64.

[1] (2015) BROEKGAAARDEN, M. et al. Tumor cell survival pathways activated by photodynamic therapy: a molecular basis for pharmacological inhibition strategies. In *Cancer and Metastasis Reviews*, 2015, vol. 34, no. 4, s. 643-690.

[1] (2019) KUCHAROVA, V. et al. Low-dimensional compounds containing bioactive ligands. Part XII: Synthesis, structures, spectra, in vitro antimicrobial and cytotoxic activities of zinc(II) complexes with halogen derivatives of quinolin-8-ol. In *Polyhedron*, 2019, vol. 170, s. 447-457.

Kategórie ohlasov od roku 2022: (3)

[1] (2023) DENG, B. et al. Photodynamic Therapy for Inflammatory and Cancerous Diseases of the Intestines: Molecular Mechanisms and Prospects for Application. In *International Journal of Biological Sciences*, 2023, roč. 19, č. 15, s. 4793-4810.

[1] (2023) KŘÍKAVOVÁ, R., ROMANOVÁ, M., JENDŽELOVSKÁ, Z., MAJERNÍK, M., MASARYK, L., ZOUFALÝ, P., MILDE, D., MONCOL, J., HERCHEL, R., JENDŽELOVSKÝ, R., NEMEC, I. Impact of the central atom and halido ligand on the structure, antiproliferative activity and selectivity of half-sandwich Ru(II) and Ir(III) complexes with a 1,3,4-thiadiazole-based ligand. In *Dalton Transactions*, 2023, roč. 52, č. 36, s. 12717-12732.

[1] (2025) KOVALIK, Martin et al. Preparation of magnetic fluids based on La_{0.80}Ag_{0.15}MnO_{3-δ} nanoparticles. In *Colloids and Surfaces A Physicochemical and Engineering Aspects*, 2025, roč. 711, art. no. 136300.

SSEP 007658

ADC Characterization of erythropoietin receptor and erythropoietin expression and function in human ovarian cancer cells / Jee-Yeong Jeong ... [et al.].

9 In: *International Journal of Cancer*. - ISSN 0020-7136. - Roč. 122, č. 2 (2008), s. 274-280. CCC; SCOPUS; WOS;

2008 IF=4,734; 2008 Q1(Oncology) JCR

[JEONG, Jee-Yeong (Autor, 20%) - FELDMAN, Laurie (Autor, 20%) - SOLÁR, Peter (Autor, 20%) - SZENAJCH, Jolanta (Autor, 20%) - SYTKOWSKI, Arthur (Autor, 20%)]

Kategórie ohlasov do roku 2021: (39)

[1] (2008) ARCASOY, M.O. Erythropoiesis-stimulating agent ... In *Clinical Cancer Research*, 2008, vol. 14, no. 15, s. 4685-4690.

[1] (2008) GLASPY, J.A. Erythropoiesis-stimulating agents in oncology. In *JNCCN Journal of the National Comprehensive Cancer Network*, 2008, vol. 6, no. 6, s. 565-575.

[1] (2008) MENDIOLA, M. et al. Angiogenesis-related gene ... In *PLoS ONE*, 2008, vol. 3, no. 12, art.no. e4051.

[1] (2008) SAINTIGNY, P. et al. Does erythropoietin promote tumor ... In *Clinical Cancer Research*, 2008, vol. 14, no. 6, s. 1920-1921.

[1] (2009) AAPRO, M. An update twenty years of anemia ... In *Oncologist*, 2009, vol. 14, s. 1.

[1] (2009) FANDREY, J. Examining the involvement of erythropoiesis ... In *Oncologist*, 2009, vol.

14, s. 34.

- [1] (2009) KUSTER, O. Erythropoietin receptor is expressed in meningiomas ... In *Neuropathology and Applied Neurobiology*, 2009, vol. 35, no. 6, s. 555.
- [1] (2009) LIFSHITZ, L. Non-erythroid activities of erythropoietin ... In *Molecular Immunology*, 2009, vol. 46, no. 4, s. 713.
- [1] (2009) MERCHIONNE, F. Biological functions and therapeutic use of erythropoiesis ... In *British Journal of Hematology*, 2009, vol. 146, no. 2, s. 127.
- [1] (2009) PARAGH, G. RNA interference-mediated inhibition ... In *American Journal of Pathology*, 2009, vol. 174, no. 4, s. 1504.
- [1] (2009) SPIVAK, J.L. Anemia management in oncology ... In *Oncologist*, 2009, vol. 14, s. 43.
- [1] (2010) BENNETT, C.L. et al. Association between pharmaceutical support ... In *Archives on Internal Medicine*, 2010, vol. 170, no. 16, s. 1490-1498.
- [1] (2010) DICATO, M., PLAWNY, L., DIEDERICH, M. Anemia in cancer. In *Annals of Oncology*, 2010, vol. 21, no. suppl. 7, s. 167-172.
- [1] (2010) DICATO, M., PLAWNY, L. Erythropoietin in cancer patients ... In *Current Opinion in Oncology*, 2010, vol. 22, no. 4, s. 307-311.
- [1] (2010) ELLIOTT, S. et al. Identification of a sensitive antierythropoietin ... In *Journal of Immunological Methods*, 2010, vol. 352, no. 1-2, s. 126-139.
- [1] (2010) MIRMOHAMMADSADEGH, A. et al. Role of erythropoietin receptor ... In *Journal of Investigative Dermatology*, 2010, vol. 130, no. 1, s. 201-210.
- [1] (2010) SWIFT, S. et al. Absence of functional EpoR expression ... In *Blood*, 2010, vol. 115, no. 21, s. 4254-4263.
- [1] (2010) ZHANG, Z. et al. In vitro lectin-mediated ... In *Bioorganic and Medicinal Chemistry*, 2010, vol. 18, no. 22, s. 8016-8025.
- [1] (2011) BESCHORNER, R. et al. Erythropoietin receptor expression in normal ... In *Clinical Neuropathology*, 2011, vol. 30, no. 1, s. 33-40.
- [1] (2011) ELLIOTT, S. Erythropoiesis-stimulating agents. In *Cancer Treatment and Research*, 2011, vol. 157, s. 55-74.
- [1] (2011) LOPEZ, T.V. et al. Autocrine/paracrine erythropoietin signalling ... In *International Journal of Cancer*, 2011, vol. 129, no. 11, s. 2566-2576.
- [1] (2011) MCKINNEY, M., ARCASOY, M.O. Erythropoietin for oncology supportive care. In *Experimental Cell Research*, 2011, vol. 317, no. 9, s. 1246-1254.
- [1] (2012) ELLIOTT, S., SINCLAIR, A.M. The effect of erythropoietin ... In *Biologics: Targets and Therapy*, 2012, vol. 6, s. 163-189.
- [1] (2012) ELLIOTT, S. et al. Lack of expression and function ... In *Nephrology Dialysis Transplantation*, 2012, vol. 27, no. 7, s. 2733-2745.
- [1] (2012) STEFANOVIC, Verdan et al. Erythropoietin Is Detectable in the Ascitic Fluid in Patients With Ovarian Tumors. In *International Journal of Gynecological Cancer*, 2012, vol. 22, no. 9, s. 1470-1473.
- [1] (2012) SUN, J. et al. Long-term and stable correction ... In *Experimental and Molecular Medicine*, 2012, vol. 44, no. 11, s. 674-683.
- [1] (2012) YANG, J. et al. Erythropoietin promotes the growth ... In *International Journal of Oncology*, 2012, vol. 40, no. 4, s. 1230-1237.
- [1] (2013) CAO, Y. Erythropoietin in cancer: A dilemma in risk therapy. In *Trends in Endocrinology and Metabolism*, 2013, vol. 24, no. 4, s. 190-199.
- [1] (2013) ELLIOTT, S. et al. Epo Receptors Are Not Detectable in Primary Human Tumor Tissue Samples. In *PLoS ONE*, 2013, vol. 8, no. 7, art.no. e68083.
- [1] (2013) MIYAKE, Makito et al. Erythropoietin is a JAK2 and ERK1/2 effector that can promote renal tumor cell proliferation under hypoxic conditions. In *Journal of Hematology & Oncology*, 2013, vol. 6, art.no. 6.
- [1] (2013) OHASHI, Y. et al. Meta-analysis of epoetin beta and darbepoetin alfa treatment for chemotherapy-induced anemia and mortality: Individual patient data from Japanese randomized, placebo-controlled trials. In *Cancer Science*, 2013, vol. 104, no. 4, s. 481-485.
- [1] (2013) SHIOZAWA, Y. et al. Erythropoietin supports the survival of prostate cancer, but not growth and bone metastasis. In *Journal of Cellular Biochemistry*, 2013, vol. 114, no. 11, s. 2471-2478.
- [1] (2014) SUSZYNSKA, M. et al. Expression of the erythropoietin receptor by germline-derived

cells - Further support for a potential developmental link between the germline and hematopoiesis. In Journal of Ovarian Research, 2014, vol. 7, no. 1, art.no. 66.

[1] (2015) PATTERSON, S.D. et al. Functional EpoR pathway utilization is not detected in primary tumor cells isolated from human breast, non-small cell lung, colorectal, and ovarian tumor tissues. In PLoS ONE, 2015, vol. 10, no. 3, e0122149

[1] (2016) WOOD, M.A. et al. Erythropoietin increases macrophage-mediated T cell suppression. In Cellular Immunology, 2016, vol. 306-307, s. 17-24

[1] (2017) HE, L. et al. Local blockage of self-sustainable erythropoietin signaling suppresses tumor progression in non-small cell lung cancer. In Oncotarget, 2017, vol. 8, no. 47, s. 82352-82365

[1] (2017) JULIUS, A., DESAI, A., YUNG, R.L. Recombinant human erythropoietin stimulates melanoma tumor growth through activation of initiation factor eIF4E. In Oncotarget, 2017, vol. 8, no. 18, s. 30317-30327

[1] (2017) VAZQUEZ-MELLADO, M.J. et al. Erythropoietin, Stem Cell Factor, and Cancer Cell Migration. In Vitamins and Hormones, 2017, vol. 105, s. 273-296

[1] (2019) PARK, L.C. et al. The effects of erythropoiesis-stimulating agents on the management of chemotherapy-induced anemia and tumor growth in diffuse large B-cell lymphoma patients. In International Journal of Cancer, 2019, vol. 145, no. 9, s. 2459-2467

Kategórie ohlasov od roku 2022: (1)

[1] (2024) ALYAMANY, R. et al. Let It Grow: The Role of Growth Factors in Managing Chemotherapy-Induced Cytopenia. In Current Oncology, 2024, roč. 31, č. 12, s. 8094-8109.

SSEP 008465

ADC Erythropoietin inhibits apoptosis induced by photodynamic therapy in ovarian cancer cells / Peter Solár [et al.].

In: Molecular Cancer Therapeutics. - ISSN 1535-7163. - Roč. 7, č. 8 (2008), s. 2263-2271. CCC; SCOPUS; WOS;

2008 CCC IF=5,003; 2008 Q1 (Oncology) JCR

[**SOLÁR, Peter** (Autor, 11.111%) - KOVAL, Ján (Autor, 11.111%) - MIKEŠ, Jaromír (Autor, 11.111%) - KLEBAN, Ján (Autor, 11.111%) - SOLÁROVÁ, Zuzana (Autor, 11.111%) - LAZÚR, Ján (Autor, 11.111%) - HODOROVÁ, Ingrid (Autor, 11.111%) - FEDOROČKO, Peter (Autor, 11.111%) - SYTKOWSKI, Arthur (Autor, 11.112%)]

Kategórie ohlasov do roku 2021: (21)

[1] (2009) MAIESE, K. et al. Erythropoietin, forkhead proteins, and oxidative ... In The Scientific World Journal, 2009, vol. 9, s. 1072-1104.

[1] (2010) MAIESE, K. et al. Novel strategies for neurovascular longevity ... In Aging and Age-Related Disorders, 2010, Vol. 3, s. 171-209.

[1] (2010) MAIESE, K. et al. Oxidative stress: Biomarkers and novel therapeutic pathways. In Experimental Gerontology, 2010, vol. 45, no. 3, s. 217-234.

[1] (2010) SWIFT, S.E. et al. Erythropoietin receptor in ovarian cancer ... In Molecular Cancer Therapeutics, 2010, vol. 9, no. 4, s. 1070-1071.

[1] (2010) SZENAJCH, J. et al. The role of erythropoietin and its receptor in growth ... In Biochimica et Biochimica Acta, 2010, vol. 1806, no. 1, s. 82-95.

[1] (2010) TANKIEWICZ-KWEDLO, Anna et al. Effect of erythropoietin, 5-fluorouracil and SN-38 on the growth of DLD-1 cells. In Pharmacological Reports, 2010, vol. 62, no. 5, p. 926-937.

[1] (2011) AGOSTINIS, P. et al. Photodynamic therapy of cancer ... In CA-A Cancer Journal for Clinicians, 2011, vol. 61, no. 4, s. 250-281.

[1] (2011) HEDLEY, B.D. et al. The role of erythropoietin and erythropoiesis ... In Clinical Cancer Research, 2011, vol. 17, no. 20, s. 6373-6380.

[1] (2011) KOWALCZYK, M. et al. Erythropoietin update 2011. In Medical Science Monitor, 2011, vol. 17, s. 240-247.

[1] (2011) SIROTKIN, A.V. Growth factor controlling ... In Journal of Cellular Physiology, 2011, vol. 226, no. 9, s. 2222-2225.

[1] (2011) SIROTKIN, A.V. Regulators of ovarian functions (Book). New York : Nova Science Publisher, 2011. ISBN 978-161668040-4, s. 1-194.

[1] (2011) WARREN, J.S. et al. Recombinant Human Erythropoietin Suppresses Endothelial ... In Journal of Cardiovascular Pharmacology, 2011, vol. 57, no. 4, s. 424-433.

- [1] (2014) ČIŽEKOVÁ, L. et al. Novel 3,6-bis(imidazolidine)acridines as effective photosensitizers for photodynamic therapy. In *Bioorganic and Medicinal Chemistry*, 2014, vol. 22, no. 17, s. 4684-4693
- [1] (2014) MIYAZAKI, Yuri et al. Therapeutic Impact of Erythropoietin-Encapsulated Liposomes Targeted to Bone Marrow on Renal Anemia. In *Molecular Pharmaceutics*, 2014, vol. 11, no. 11, s. 4238-4248.
- [1] (2014) SIROTKIN, A.V. Regulators of ovarian functions (Book). New York : Nova Science Publisher, 2014. ISBN 978-162948574-4, s. 1-194.
- [1] (2015) BEREZHNYAYA, E. et al. On involvement of transcription factors nuclear factor kappa-light-chain-enhancer of activated B cells, activator protein-1 and signal transducer and activator of transcription-3 in photodynamic therapy-induced death of crayfish neurons and satellite glial cells. In *JOURNAL OF BIOMEDICAL OPTICS*, 2015, vol. 20, no. 7, art.no. 075004
- [1] (2017) DICHARA, M. et al. Recent advances in drug discovery of phototherapeutic non-porphyrinic anticancer agents. In *European Journal of Medicinal Chemistry*, 2017, vol. 142, s. 459-485.
- [1] (2017) TANKIEWICZ-KWEDLO, A. et al. Erythropoietin enhances the cytotoxic effect of hydrogen peroxide on colon cancer cells. In *Current Pharmaceutical Biotechnology*, 2017, vol. 18, no. 2, s. 127-137.
- [1] (2017) YOKOYAMA, Y. et al. Differences in the sensitivity of ovarian cancer to photodynamic therapy and the mechanisms for those differences. In *Oncology Letters*, 2017, vol. 13, no. 6, s. 4933-4938.
- [3] (2009) WIWANITKIT, Viroj. Cell, gene and molecular therapy: New concepts. New York : Nova Science Publisher, 2009. ISBN 978-1-60741-682-1.
- [3] (2010) CAI, Liu Yue. Role of erythropoietin and erythropoietin receptor in tumorigenesis and tumor progression. In *Journal of International Oncology*, 2010, vol. 37, no. 2, [s. 110-113].

SSEP 008985

- ADC Erythropoietin treatment of human ovarian cancer cells: Results in enhanced signaling and a paclitaxel-resistant phenotype / Peter Solár ... [et al.].
 11 In: *International Journal of Cancer*. - ISSN 0020-7136. - Roč. 122, č. 2 (2008), s. 281-288. CCC; SCOPUS; WOS;
2008 IF=4,734; 2008 Q1(Oncology) JCR
[SOLÁR, Peter (Autor, 20%) - FELDMAN, Laurie (Autor, 20%) - JEONG, Jee-Yeong (Autor, 20%) - BUSINGYE, Jacqueline (Autor, 20%) - SYTKOWSKI, Arthur (Autor, 20%)]
 Kategorie ohlasov do roku 2021: (20)
 [1] (2008) ARCASOY, M.O. Erythropoiesis-stimulating agent ... In *Clinical Cancer Research*, 2008, vol. 14, no. 15, s. 4685-4690.
 [1] (2008) DISKIN, C.J. Beyond Anemia: The clinical impact ... In *Seminars in Dialysis*, 2008, vol. 21, no. 5, s. 447-454.
 [1] (2008) FENNER, M.H., GANSER, A. Erythropoietin in cancer-related ... In *Current Opinion in Oncology*, 2008, vol. no. 6, s. 685-689.
 [1] (2008) GLASPY, J.A. Erythropoiesis-stimulating agents in oncology. In *JNCCN Journal of the National Comprehensive Cancer Network*, 2008, vol. 6, no. 6, s. 565-575.
 [1] (2008) NOWROUSIAN, M.R., DUNST, J., VAUPEL, P. Erythropoiesis-stimulating agents: Favorable ... In *Strahlentherapie und Onkologie*, 2008, vol. 184, no. 3, s. 121-136.
 [1] (2009) FU, P., JIANG, X., ARCASOY, M.O. Constitutively active erythropoietin ... In *Biochemical and Biophysical Research Communications*, 2009, vol. 379, s. 696-701.
 [1] (2009) GLASPY, J.A. Erythropoietin in cancer patients. In *Annual Review of Medicine*, 2009, vol. 60, s. 181.
 [1] (2009) ORTEGA, L.M. The clinical impact of the physiological effects ... In *Nefrologia*, 2009, vol. 29, no. 4, s. 288.
 [1] (2010) BARBERA, L., THOMAS, G. Erythropoiesis stimulating agents, thrombosis ... In *Radiotherapy and Oncology*, 2010, vol. 95, no. 3, s. 269-276.
 [1] (2010) BENNETT, C.L. et al. Association between pharmaceutical support ... In *Archives of Internal Medicine*, 2010, vol. 170, no. 16, s. 1490-1498.
 [1] (2010) SWIFT, S. et al. Absence of functional EpoR expression ... In *Blood*, 2010, vol. 115, no. 21, s. 4254-4263.

- [1] (2011) CHIANG, C.L. et al. Lysophosphatidic acid induces erythropoiesis through ... In *Stem Cells*, 2011, vol. 29, no. 11, s. 1763-1773.
- [1] (2011) GLASPY, J.A. Randomized controlled trials of the erythroid ... In *Cancer Treatment and Research*, 2011, vol. 157, s. 195-215.
- [1] (2011) HEDLEY, B.D. et al. The role of erythropoietin and erythropoiesis ... In *Clinical Cancer Research*, 2011, vol. 17, no. 20, s. 6373-6380.
- [1] (2011) McKINNEY, M., ARCASOY, M.O. Erythropoietin for oncology supportive care. In *Experimental Cell Research*, 2011, vol. 317, no. 9, s. 1246-1254.
- [1] (2013) HUH, J.H. et al. Dysregulation of miR-106a and miR-591 confers paclitaxel resistance to ovarian cancer. In *British Journal of Cancer*, 2013, vol. 109, no. 2, s. 452-461.
- [1] (2016) SZENAJCH, J.M., SYNOWIEC, A.E. Erythropoietin and drug resistance in breast and ovarian cancers | [Erythropoetyna a lekooporność w raku piersi i raku jajnika]. In *Ginekologia Polska*, 2016, vol. 87, no. 4, s. 300-304
- [1] (2019) PARK, L.C. et al. The effects of erythropoiesis-stimulating agents on the management of chemotherapy-induced anemia and tumor growth in diffuse large B-cell lymphoma patients. In *International Journal of Cancer*, 2019, vol. 145, no. 9, s. 2459-2467
- [3] (2009) JELKMANN, Wolfgang - DEPPING, Reinhard - METZEN, Eric. Nonhematopoietic effects of erythropoiesis-stimulating agents. In *Erythropoietins, Erythropoietic factors, and Erythropoiesis*. Basel-Boston-Berlin : Birkhäuser Verlag, 2009. ISBN 978-3-7643-8694-8, s. 299-317.
- [3] (2010) CAI, Liu Yue. Role of erythropoietin and erythropoietin receptor in tumorigenesis and tumor progression. In *Journal of International Oncology*, 2010, vol. 37, no. 2, [s. 110-113].
- Kategórie ohlasov od roku 2022: (2)
- [1] (2025) KANG, Seok Hui - LIM, Yu Jeong - KIM, Bo Yeon - CHOI, Ji Young - DO, Jun Young. Effect of erythropoiesis-stimulating agent types on malignancy in hemodialysis patients. In *Clinical Kidney Journal*, 2025, roč. 18, č. 6, art. no. sfaf148
- [1] (2025) LIANG, Cuilv - WANG, Qiaohong - WANG, Peihong - ZHANG, Yin. Effect of erythropoiesis-stimulating agents on malignant neoplasms: FAERS database and Mendelian randomization. In *Expert Review of Hematology*, 2025, roč. 18, č. 3, s. 239-247.

SSEP 008464

- ADC Degradation of HER2 receptor through hypericin-mediated photodynamic therapy / Ján Koval' ... [et al.]. - Projekt: VEGA 1/0240/08. - Projekt: VEGA 1/0296/09. - VVCE 0001-07.
- 12 In: *Photochemistry and Photobiology : an international journal*. - ISSN 0031-8655. - Roč. 86, č. 1 (2010), s. 200-205. Projekt: Vplyv zmien (fosfo)lipidového zloženia bunkových membrán na proliferáciu a prežívanie nádorových epitelových buniek hrubého čreva v experimentálnom modeli nádorovej terapie - VEGA 1/0240/08 ; VEGA 1/0296/09 ; *Hypericum* spp. ako zdroj bioaktívnych látok s protinádorovou aktivitou - APVV APVV-0321-07. CCC; WOS; SCOPUS; 2010 CCC IF=2,679; 2010 Q3 (*Biochemistry & molecular biology*) JCR; 2010 Q3 (*Biophysics*) JCR
- [KOVAL', Ján (Autor, 70%) - MIKEŠ, Jaromír (Autor, 10%) - JENDŽELOVSKÝ, Rastislav (Autor, 9%) - KELLO, Martin (Autor, 5%) - SOLÁR, Peter (Autor, 1%) - FEDOROČKO, Peter (Autor, 5%)]

Kategórie ohlasov do roku 2021: (13)

- [1] (2010) MARTINEZ-CARPIO, P.A., TRELLES, M.A. The role of epidermal growth ... In *Lasers in Medicinal Science*, 2010, vol. 25, no. 6, s. 767-771.
- [1] (2011) MROZ, P. et al. Cell death pathways in photodynamic ... In *Cancers*, 2011, vol. 3, no. 2, s. 2516-2539.
- [1] (2012) KRAMMER, B., VERWANGER, T. Molecular response to hypericin-induced photodamage. In *Current Medicinal Chemistry*, 2012, vol. 19, no. 6, s. 793-798.
- [1] (2013) HOTOWY, K. et al. Immunocytochemical studies on the nuclear ubiquitous casein and cyclin-dependent kinases substrate following 5-aminolevulinic acid-mediated photodynamic therapy on MCF-7 cells. In *Photodiagnosis and Photodynamic Therapy*, 2013, vol. 10, no. 4, s. 518-525.
- [1] (2013) PANZARINI, E., INGUSCIO, V., DINI, L. The role of phagocytosis in cell deaths by photodynamic therapy. In *Photodynamic Therapy: New Research*. New York : Nova Science Publishers, 2013. ISBN 978-1-62417-635-7, s. 51-91.

- [1] (2013) TEITEN, M.H. et al. Anticancer bioactivity of compounds from medicinal plants used in European medieval traditions. In *Biochemical Pharmacology*, 2013, vol. 86, no. 9, s. 1239-1247.
- [1] (2015) PLONKA, J. et al. Expression of Proapoptotic BAX and TP53 Genes and Antiapoptotic BCL-2 Gene in MCF-7 and T-47D Tumour Cell Cultures of the Mammary Gland After a Photodynamic Therapy with Photolon. In *ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE*, 2015, vol. 24, no. 1, s. 37-46
- [1] (2015) POPOVIC, A., WIGGINS, T., DAVIDS, L.M. Differential susceptibility of primary cultured human skin cells to hypericin PDT in an in vitro model. In *Journal of Photochemistry and Photobiology B: Biology*, 2015, vol. 149, art.no. 10063, s. 249-256
- [1] (2015) XU, Y. et al. Hypericin-mediated photodynamic therapy induces apoptosis in K562 human leukemia cells through JNK pathway modulation. In *Molecular Medicine Reports*, 2015, vol. 12, no. 5, s. 6475-6482
- [1] (2016) FERUSZOVA, Jana et al. Photoactivated hypericin is not genotoxic. In *General Physiology and Biophysics*, 2016, vol. 35, no. 2, s. 223-230.
- [1] (2017) ZHANG, X. et al. Influence and mechanism of 5-aminolevulinic acid-photodynamic therapy on the metastasis of esophageal carcinoma. In *Photodiagnosis and Photodynamic Therapy*, 2017, vol. 20, s. 78-85
- [1] (2019) DONOHOE, C. et al. Cell death in photodynamic therapy: From oxidative stress to anti-tumor immunity. In *Biochimica et Biophysica Acta - Reviews on Cancer*, 2019, vol. 1872, no. 2, art. no. 188308.
- [1] (2019) GALLARDO-VILLAGRÁN, M. et al. Photosensitizers used in the photodynamic therapy of rheumatoid arthritis. In *International Journal of Molecular Sciences*, 2019, vol. 20, no. 13, art. no. 3339.

Kategórie ohlasov od roku 2022: (3)

- [1] (2024) GEORGE, Blassan P. - ABRAHAMSE, Heidi. Passive and Active Tumor Targeting in Photodynamic Therapy of Cancer: Mini-Review. In *Journal of Biomedical Photonics and Engineering*, 2024, roč. 10, č. 4, s. 8-16.
- [1] (2024) VIANA CABRAL, Fernanda - QUILEZ ALBURQUERQUE, Jose - ROBERTS, Harrison James - HASAN, Tayyaba. Shedding Light on Chemoresistance: The Perspective of Photodynamic Therapy in Cancer Management. In *International journal of molecular sciences*, 2024, roč. 25, č. 7, art. no. 3811
- [1] (2025) CZARNECKA-CZAPCZYŃSKA, Magdalena - CZUBA, Zenon - AEBISHER, David - MYTYCH, Wiktoria - FIEGLER-RUDOL, Jakub - WIENCH, Rafał - KAWCZYK-KRUPKA, Aleksandra. Hypericin Photodynamic Therapy Induces Cytotoxicity and Modulates Cytokine Secretion in MCF-7 Breast Cancer Cells. In *Journal of clinical medicine*, 2025, roč. 14, č. 21.

SSEP 010508

- ADC Down-regulation of Bcl-2 and Akt induced by combination of photoactivated hypericin and
13 genistein in human breast cancer cells / Ferenc, P. ... [et al.]. - Abstrakt bol publikovaný v zborníku Natural Compounds in Cancer Prevention and Treatment : book of abstracts : 13.-15.október 2009, Smolenice, ISBN 9788097012823, s. 31.

In: *Journal of Photochemistry and Photobiology B: Biology*. - ISSN 1011-1344. - Roč. 98, č. 1 (2010), s. 25-34. Projekt: Hypericum spp. ako zdroj bioaktívnych látok s protinádorovou aktivitou - APVV APVV-0321-07 ; VEGA 1/0296/09 ; Vplyv zmien (fosfo)lipidového zloženia bunkových membrán na proliferáciu a prežívanie nádorových epitelových buniek hrubého čreva v experimentálnom modeli nádorovej terapie - VEGA 1/0240/08 ; Centrum pre výskum signalómu - APVV VVCE-0001-07 ; Erytropoetín a jeho vplyv na rast nádorov in vitro a in vivo - APVT APVT-20-012104. CCC; SCOPUS; WOS;

2010 IF=2,116; 2010 Q3(Biochemistry & molecular biology) JCR; 2010 Q3(Biophysics) JCR
[FERENC, Peter (Autor, 60%) - SOLÁR, Peter (Autor, 35%) - KLEBAN, Ján (Autor, 3%) - MIKEŠ, Jaromír (Autor, 1%) - FEDOROČKO, Peter (Autor, 1%)]

Kategórie ohlasov do roku 2021: (50)

- [1] (2010) PAVESE, J.M.,FARMER, R.L., BERGAN, R.C. Inhibition of cancer cell invasion ... In *Cancer and Metastasis Reviews*, 2010, vol. 29, no. 3, s. 465-482.
- [1] (2010) SCHREIBER, S. et al. Bilateral posterior RION after concomitant ... In *BMC Cancer*, 2010, vol. 10, art.no. 520.
- [1] (2010) WANG, X.L. et al. Cellular and Molecular Mechanisms of Photodynamic ... In *Journal*

- of Pharmacology and Experimental Therapeutics, 2010, vol. 334, no. 3, s. 847-853.
- [1] (2011) CHIAVIELLO, A., POSTIGLIONE, I., PALUMBO, G. Targets and mechanisms of photodynamic therapy ... In *Cancers*, 2011, vol. 3, no. 1, s. 1014-1041.
- [1] (2011) TSENG, H.H. et al. RC-RNase-induced cell death in estrogen ... In *Oncology Reports*, 2011, vol. 25, no. 3, s. 849-853.
- [1] (2011) XU, Y. et al. Phytoestrogen calycosin-7-O- β -D-glucopyranoside ... In *Journal of Cellular Biochemistry*, 2011, vol. 112, no. 10, s. 2953-2965.
- [1] (2012) AHN, J.C., BISWAS, R., CHUNG, P.S. Combination with genistein enhances the efficacy ... In *Lasers in Surgery and Medicine*, 2012, vol. 44, no. 10, s. 840-849.
- [1] (2012) COSAN, D.T., SOYOCAK, A. Induction of apoptosis by polyphenolic compounds in cancer cells. In *Natural Compounds as Inducers of Cell Death*, vol. 1. Dordrecht : Springer , 2012. ISBN 978-94-007-4574-2, s. 185-214.
- [1] (2012) LI, Q.S. et al. Genistein and its synthetic analogs ... In *Anti-Cancer Agents in Medicinal Chemistry*, 2012, vol. 12, no. 3, s. 271-281.
- [1] (2012) MABETA, P., PEPPER, M.S. Inhibition of hemangioma development in a syngeneic ... In *Angiogenesis*, 2012, vol. 15, no. 1, s. 131-139.
- [1] (2012) SCHNEIDER-STOCK, R. et al. Epigenetic mechanisms of plant-derived anticancer drugs ... In *Frontiers in Bioscience-Landmark*, 2012, vol. 17, s. 129-173.
- [1] (2012) SEHMER, A.C. et al. A prospective look at genistein use in cancer prevention and treatment (Book Chapter). In *Soy: Nutrition, Consumption and Health*. New York : Nova Science Publisher, 2012. ISBN 978-162081847-3, s. 395-408.
- [1] (2012) SOARES, A.R.M. et al. Glycophthalocyanines as photosensitizers for triggering ... In *Chemical Research in Toxicology*, 2012, vol. 25, no. 4, s. 940-951.
- [1] (2012) ZHANG, C., FAN, J. Application of hypericin in cancer therapy and diagnosis. In *Journal of International Pharmaceuticals Research*, 2012, vol. 39, no. 5, s. 402-408.
- [1] (2012) ZHANG, S.J. et al. The effect of dietary soyabean ... In *Journal of Photochemistry and Photobiology B: Biology*, 2012, vol. 110, s. 28-33.
- [1] (2013) MOHAN, A. et al. Combinations of plant polyphenols & anti-cancer molecules: A novel treatment strategy for cancer chemotherapy. In *Anti-Cancer Agents in Medicinal Chemistry*, 2013, vol. 13, no. 2, s. 281-295.
- [1] (2013) PILATOVA, M. et al. In vitro toxicity of camalexin derivatives in human cancer and non-cancer cells. In *Toxicology in Vitro*, 2013, vol. 27, no. 2, s. 939-944.
- [1] (2013) TAYLOR O, V.M., RIOS R, Y.K., LEÓN R, D.A. Plantas con actividad fotosensibilizadora y potencial terapéutico en leishmaniasis cutánea: hipericina, una alternativa prometedora. In *Infectio Asociación Colombiana de Infectología*, 2013, vol. 17, no. 2, s. 90-102.
- [1] (2013) WU, F. et al. Germinated brown rice and its role in human health. In *Critical Reviews in Food Science and Nutrition*, 2013, vol. 53, no. 5, s. 451-463.
- [1] (2014) de PAULA RODRIGUES, R. et al. Effect of photodynamic therapy supplemented with quercetin in HEP-2 cells. In *Cell Biology International*, 2014, vol. 38, no. 6, s. 716-722.
- [1] (2014) IBRAHIM, M.Y. et al. Involvement of NF- κ B and HSP70 signaling pathways in the apoptosis of MDA-MB-231 cells induced by a prenylated xanthone compound, α -mangostin, From *Cratoxylum arborescens*. In *Drug Design, Development and Therapy*, 2014, vol. 8, s. 2193-2211
- [1] (2014) IBRAHIM, Mohamed Yousif et al. α -Mangostin from *Cratoxylum arborescens* demonstrates apoptogenesis in MCF-7 with regulation of NF-kappa B and Hsp70 protein modulation in vitro, and tumor reduction in vivo. In *Drug Design Development and Therapy*, 2014, vol. 8, s. 1629-1647.
- [1] (2014) LAMBERTI, María Julia- VITTAR, Natalia Belén Rumie- RIVAROLA, Viviana Alicia. Breast cancer as photodynamic therapy target: Enhanced therapeutic efficiency by overview of tumor complexity. In *World Journal of Clinical Oncology*, 2014, vol. 5, no. 5, s. 901-907
- [1] (2014) QUINN, Jane C.- KESSELL, Allan- WESTON, Leslie A. Secondary plant products causing photosensitization in grazing herbivores: Their structure, activity and regulation. In *International Journal of Molecular Sciences*, 2014, vol. 15, no. 1, s. 1441-1465.
- [1] (2015) POPOVIC, A., WIGGINS, T., DAVIDS, L.M. Differential susceptibility of primary cultured human skin cells to hypericin PDT in an in vitro model. In *Journal of Photochemistry and Photobiology B: Biology*, 2015, vol. 149, art.no. 10063, s. 249-256
- [1] (2015) SAMADI, Abbas K. et al. A multi-targeted approach to suppress tumor-promoting inflammation. In *Seminars in Cancer Biology*, 2015, vol. 35, s. S151-S184.

- [1] (2017) BABAEI, M.A. et al. Apoptotic induction and inhibition of NF- κ B signaling pathway in human prostatic cancer PC3 cells by natural compound 2,2'-oxybis (4-allyl-1-methoxybenzene), biseugenol B, from *Litsea costalis*: An in vitro study. In *OncoTargets and Therapy*, 2017, vol. 10, s. 277-294.
- [1] (2017) GEORGE, B.P., ABRAHAMSE, H., HEMMARAGALA, N.M. Anticancer effects elicited by combination of *Rubus* extract with phthalocyanine photosensitizer on MCF-7 human breast cancer cells. In *Photodiagnosis and Photodynamic Therapy*, 2017, vol. 19, s. 266-273
- [1] (2017) MUKUND, V. et al. Genistein: Its role in metabolic diseases and cancer. In *Critical Reviews in Oncology Hematology*, 2017, vol. 119, s. 13-22.
- [1] (2017) NIE, Q. et al. Metabolism and health effects of phyto-estrogens. In *Critical Reviews in Food Science and Nutrition*, 2017, vol. 57, no. 11, s. 2432-2454.
- [1] (2017) SUN, D. et al. Research on the effect of formononetin on photodynamic therapy in K562 cells. In *General Physiology and Biophysics*, 2017, vol. 36, no. 4, s. 423-430
- [1] (2017) ZAM, W., KHADOUR, A. Impact of Phytochemicals and Dietary Patterns on Epigenome and Cancer. In *Nutrition and Cancer*, 2017, vol. 69, no. 2, s. 184-200.
- [1] (2018) SONG, S. et al. Preventive effect of genistein on AOM/DSS-induced colonic neoplasm by modulating the PI3K/AKT/FOXO3 signaling pathway in mice fed a high-fat diet. In *Journal of Functional Foods*, 2018, vol. 46, s. 237-242
- [1] (2018) SUN, Dan et al. The effect of ellagic acid on photodynamic therapy in leukemia cells. In *General Physiology and Biophysics*, 2018, vol. 37, no. 3, s. 319-328.
- [1] (2018) YOU, M.K. et al. St. John's wort regulates proliferation and apoptosis in MCF-7 human breast cancer cells by inhibiting AMPK/mTOR and activating the mitochondrial pathway. In *International Journal of Molecular Sciences*, 2018, vol. 19, no. 4, art.no. 966.
- [1] (2019) GALLARDO-VILLAGRÁN, M. et al. Photosensitizers used in the photodynamic therapy of rheumatoid arthritis. In *International Journal of Molecular Sciences*, 2019, vol. 20, no. 13, art. no. 3339.
- [1] (2019) YU, G. et al. Formaldehyde induces the apoptosis of BMCs of BALB/c mice via the PTEN/PI3K/Akt signal transduction pathway. In *Molecular Medicine Reports*, 2019, vol. 20, no. 1, s. 341-349.
- [1] (2020) NADERI, M. et al. Hypericin induces apoptosis in AGS cell line with no significant effect on normal cells. In *Iranian Journal of Pharmaceutical Research*, 2020, roč. 19, č. 3, s. 349-357.
- [1] (2020) SEIDEL, Z.P. et al. Photo-Triggered Delivery of siRNA and Paclitaxel into Breast Cancer Cells Using Cationic Vesicles. In *ACS Applied Bio Materials*, 2020, roč. 3, č. 11, s. 7388-7398.
- [1] (2020) SENAPATHY, G.J., GEORGE, B.P., ABRAHAMSE, H. Exploring the role of phytochemicals as potent natural photosensitizers in photodynamic therapy. In *Anti-Cancer Agents in Medicinal Chemistry*, 2020, vol. 20, no. 15, s. 1831-1844.
- [1] (2020) YOU, M. et al. St. John's wort suppresses growth in triple-negative breast cancer cell line mda-mb-231 by inducing prodeath autophagy and apoptosis. In *Nutrients*, 2020, vol. 12, no. 10, art. no. 3175, s. 1-13.
- [1] (2021) DONG, X. et al. Hypericin-mediated photodynamic therapy for the treatment of cancer: A review. In *Journal of Pharmacy and Pharmacology*, 2021, roč. 73, č. 4, s. 425-436.
- [1] (2021) HU, J. et al. Hypericin-mediated photodynamic therapy inhibits growth of colorectal cancer cells via inducing S phase cell cycle arrest and apoptosis. In *European Journal of Pharmacology*, 2021, vol. 900, art. no. 174071.
- [1] (2021) JUNG, J.H. et al. Phytochemical candidates repurposing for cancer therapy and their molecular mechanisms. In *Seminars in Cancer Biology*, 2021, roč. 68, s. 164-174.
- [1] (2021) RAHMAN, N. et al. Bcl-2 modulation in p53 signaling pathway by flavonoids: A potential strategy towards the treatment of cancer. In *International Journal of Molecular Sciences*, 2021, vol. 22, no. 21, art. no. 11315.
- [1] (2021) WANG, J. et al. SCARA5 suppresses the proliferation and migration, and promotes the apoptosis of human retinoblastoma cells by inhibiting the PI3K/AKT pathway. In *Molecular Medicine Reports*, 2021, roč. 23, č. 3, art. no. e11841.
- [3] (2011) MADURAY, K., DAVIDS, L.M. The anticancer activity of hypericin ... In *Journal of Bioanalysis & Biomedicine*, 2011, spec.issue S6, 3 s. Dostupné na <doi 10.4172/1948-593X.S6-004>.

- [3] (2013) HE, Fen-Jin - CHEN, Jin-Qiang. Consumption of soybean, soy foods, soy isoflavones and breast cancer incidence: Differences between Chinese women and women in Western countries and possible mechanisms. In *Food Science and Human Wellness*, 2013, vol. 2, s. 146-161.
- [3] (2014) SUTRISNO, Sutrisno et al. The effect of genistein on estrogen receptor expression, cell proliferation, and apoptosis in endometriosis cell culture. In *Journal of Experimental and Integrative Medicine*, 2014, vol. 4, no. 3, s. 201-206
- [3] (2014) ZHENG, L.Z. et al. Enhancing photodynamic treatment of cancer with mechanism-based combination strategies. In Hamblin, M.R., HUANG, Y.Y. (edt). *Handbook of Photomedicine*. Boca Raton : CRC Press, Taylor&Francis Group, 2014, ISBN 978-1-4398-8469-0, s. 353-362.

Kategórie ohlasov od roku 2022: (14)

- [1] (2022) SHAIKH, I.A. et al. Apoptotic Cell Death via Activation of DNA Degradation, Caspase-3 Activity, and Suppression of Bcl-2 Activity: An Evidence-Based Citrullus colocynthis Cytotoxicity Mechanism toward MCF-7 and A549 Cancer Cell Lines. In *Separations*, 2022, vol. 9, no. 12, art. no. 411
- [1] (2022) SHANG, H., WU, Y., XIN, X. Hypericin-mediated photodynamic therapy enhances gemcitabine induced Capan-2 cell apoptosis via inhibiting NADPH level. In *Journal of Pharmacy and Pharmacology*, 2022, roč. 74, č. 4, s. 596-604.
- [1] (2023) AZIZ, B. et al. An Overview of Potential Natural Photosensitizers in Cancer Photodynamic Therapy. In *Biomedicines*, 2023, vol. 11, no. 1, art. no. 224.
- [1] (2023) MANIKKAM, R., PERIYASAMY, V., SABAPATHY, I. Repurposing of phytocompounds-derived novel bioactive compounds possessing promising anticancer and cancer therapeutic efficacy through molecular docking, MD simulation, and drug-likeness/ADMET studies. In *Computational Methods in Drug Discovery and Repurposing for Cancer Therapy*. Amsterdam : Elsevier, 2023. ISBN 978-0-443-15280-1, s. 201-222
- [1] (2023) MORELOS-GARNICA, L.A. et al. In silico design and cell-based evaluation of two dual anti breast cancer compounds targeting Bcl-2 and GPER. In *Scientific Reports*, 2023, vol. 13, no. 1, art. no. 17933
- [1] (2023) NOROUZI, R., GHOTBZADEH-KERMANI, S., ABBASPOUR, H. Hypericin-Mediated Regulation of miR21 and miR34a and Their Target Genes in MCF7 Breast Cancer Cells. In *Revista Brasileira de Farmacognosia*, 2023, roč. 33, č. 6, s. 1199-1206.
- [1] (2023) PENG, Z. et al. Hypericin as a promising natural bioactive naphthodianthrone: A review of its pharmacology, pharmacokinetics, toxicity, and safety. In *Phytotherapy Research*, 2023, roč. 37, č. 12, s. 5639-5656.
- [1] (2023) WU, J.-J. et al. Hypericin: A natural anthraquinone as promising therapeutic agent. In *Phytomedicine*, 2023, roč. 111, art. no. 154654.
- [1] (2024) ATENCO-CUAUTLE, Juan Carlos - PEREZ-PEREZ, Nayeli - DELGADO-LOPEZ, Maria Guadalupe - RAMIREZ-RAMIREZ, Julian - RAMIREZ-SAN-JUAN, Julio Cesar - RAMOS-GARCIA, Ruben - SPEZZIA-MAZZOCCO, Teresita. PHOTODYNAMIC THERAPY WITH NON-PORPHYRIN PHOTSENSITIZERS IN BREAST CANCER AND NON-CANCER CELLS. In *Optica Pura y Aplicada*, 2024, roč. 57, č. 1.
- [1] (2025) AN, Wei - ZHANG, Kai - LI, Guangbing - ZHENG, Shunzhen - CAO, Yukun - LIU, Jun. Hypericin mediated photodynamic therapy induces ferroptosis via inhibiting the AKT/mTORC1/GPX4 axis in cholangiocarcinoma. In *Translational Oncology*, 2025, roč. 52.
- [1] (2025) FIEGLER-RUDOL, Jakub - ZIEBA, Natalia - TURSKI, Radosław - MISIOŁEK, Maciej - WIENCH, Rafał. Hypericin-Mediated Photodynamic Therapy for Head and Neck Cancers: A Systematic Review. In *Biomedicines*, 2025, roč. 13, č. 1.
- [1] (2025) HU, Jinhang - YU, Yirui - SONG, Jiangluqi. Synergistic antitumor effects and mechanistic insight of hypericin-mediated photodynamic therapy combined with Olaparib in MCF-7 BRCA1 wild-type breast cancer cells. In *Medical oncology*, 2025, roč. 42, č. 8.
- [1] (2025) NAPONELLI, Valeria - PISCAZZI, Annamaria - MANGIERI, Domenica. Cellular and Molecular Mechanisms Modulated by Genistein in Cancer. In *International journal of molecular sciences*, 2025, roč. 26, č. 3.
- [1] (2025) SAILO, Bethsebie Laldusaki - VISHWA, Ravichandran - GIRISA, Sosmitha - ASWANI, Babu Santha - ABBAS, Mohamed - ALQAHTANI, Mohammed S. - ALMUBARAK, Hassan Ali - HEGDE, Mangala - KUNNUMAKKARA, Ajaikumar B.. Genistein as a Chemo-

modulatory Agent: Exploring its Potential in Chemosensitization and Combinatorial Therapeutic Strategies for Cancer Treatment. In Current Topics in Medicinal Chemistry, 2025, roč. 25, č. 19, s. 2240-2273.

SSEP 010380

- ADC Dynamics of hepatic stellate cells, collagen types I and III synthesis and gene expression of
14 selected cytokines during hepatic fibrogenesis following *Mesocostoides vogae* (Cestoda) infection in mice / Gabriela Hřčková, Samuel Velebný, Peter Solár. - Projekt: VEGA 2/7188/27. - Projekt: VEGA 1/0296/09. - Projekt: APVV VVCE 0001-07.
In: International Journal for Parasitology : sponsored by the Australian Society for Parasitology. - ISSN 0020-7519. - Roč. 40, č. 2 (2010), s. 163-174. Projekt: VEGA 2/7188/27 ; VEGA 1/0296/09 ; APVV VVCE 0001-07. CCC; SCOPUS; WOS;
2010 IF=3,822; 2010 Q1(Parasitology) JCR
[HŘČKOVÁ, Gabriela (Autor, 40%) - VELEBNÝ, Samuel (Autor, 30%) - SOLÁR, Peter (Autor, 30%)]
Kategorie ohlasov do roku 2021: (9)
[1] (2010) ANTHONY, B. et al. Hepatic stellate cells ... In Parasites and Vectors, 2010, vol. 3, no. 1, art.no. 60.
[1] (2014) DEZFULI, B.S. et al. Perch liver reaction to *Triaenophorus nodulosus* plerocercoids with an emphasis on piscidins 3, 4 and proliferative cell nuclear antigen (PCNA) expression. In Veterinary Parasitology, 2014, vol. 200, no. 1-2, s. 104-110.
[1] (2015) YAO, W. et al. Silica promotes the transdifferentiation of rat circulating fibrocytes in vitro. In Molecular Medicine Reports, 2015, vol. 12, no. 4, s. 5828-5836
[1] (2016) LEE, B.W. et al. *Cysticercus fasciolaris* infection in wild rats (*Rattus norvegicus*) in Korea and formation of cysts by remodeling of collagen fibers. In Journal of Veterinary Diagnostic Investigation, 2016, vol. 28, no. 3, s. 263-270
[1] (2016) ZHANG, Y. et al. Effect and potential mechanism of β 3- Adrenoceptor activation on fibrosis in cardiac fibroblast cell. In Chinese Journal of Cardiology, 2016, vol. 44, no. 6, s. 501-507
[1] (2016) ZHANG, Y. et al. Effect of β 3-adrenoceptor on cardiac fibrosis in rat cardiac fibroblast cells and its potential mechanism. In Tropical Journal of Pharmaceutical Research, 2016, vol. 15, no. 4, s. 717-722
[1] (2018) YU, C. et al. Hirudin protects Ang II-induced myocardial fibroblasts fibrosis by inhibiting the extracellular signal-regulated kinase1/2 (ERK1/2) pathway. In Medical Science Monitor, 2018, vol. 24, s. 6264-6272
[1] (2019) BASIKA, T. et al. Transcriptomic profile of two developmental stages of the cestode parasite *Mesocostoides corti*. In Molecular and Biochemical Parasitology, 2019, vol. 229, s. 35-46
[1] (2020) FRIGERIO, S. et al. Eosinophils Control Liver Damage by Modulating Immune Responses Against *Fasciola hepatica*. In Frontiers in Immunology, 2020, roč. 11, art. no. 579801
Kategorie ohlasov od roku 2022: (4)
[1] (2022) WANG, P.-W. et al. Hepatic Stellate Cell Modulates the Immune Microenvironment in the Progression of Hepatocellular Carcinoma. In International Journal of Molecular Sciences, 2022, vol. 23, no. 18, art. no. 10777
[1] (2023) YIN, K.L. et al. Unraveling the Emerging Niche Role of Hepatic Stellate Cell-derived Exosomes in Liver Diseases. In Journal of Clinical and Translational Hepatology, 2023, vol. 11, no. 2, s. 441-451
[1] (2024) SCHREIBER, M. et al. Suppression of the growth and metastasis of mouse melanoma by *Taenia crassiceps* and *Mesocostoides corti* tapeworms. In Frontiers in Immunology, 2024, vol. 15, art. no. 1376907
[1] (2025) DENG, Mengmeng - MA, Rui - LI, Jinlei - LU, Pan - TAN, Rong - CHEN, Zhen - GUO, Xin. Butein attenuates cardiac fibrosis by mediating TGF- β 1/Smad signaling pathway after myocardial infarction. In Journal of Molecular Histology, 2025, roč. 56, č. 6.

SSEP 011252

- ADC Erythropoietin and Ovarian Cancer - response / Peter Solár ... [et al.].
15 In: Molecular Cancer Therapeutics. - ISSN 1535-7163. - Roč. 9, č. 4 (2010), s. 1071-1071. Projekt: Erythropoetín a jeho vplyv na rast nádorov in vitro a in vivo - APVT APVT-20-012104 ; Molekulárno-biologická podstata nežiadúceho účinku erythropoetínu v terapii nádorovej bunky - VEGA 1/3253/06. CCC; SCOPUS; WOS;

2010 IF=5,225; 2010 Q1(Oncology) JCR

[SOLÁR, Peter (Autor, 11.111%) - KOVAL, Ján (Autor, 11.111%) - MIKEŠ, Jaromír (Autor, 11.111%) - KLEBAN, Ján (Autor, 11.111%) - SOLÁROVÁ, Zuzana (Autor, 11.111%) - LAZÚR, Ján (Autor, 11.111%) - HODOROVÁ, Ingrid (Autor, 11.111%) - FEDOROČKO, Peter (Autor, 11.111%) - SYTKOWSKI, Arthur (Autor, 11.112%)]

MSEP 018455

ADC In vitro antiproliferative and antiangiogenic effects of synthetic chalcone analogues / Martina

16 Pilatova ... [et al.].

In: Toxicology in Vitro : the Official Journal of the European Society of Toxicology in Vitro. - ISSN 0887-2333. - Roč. 24, č. 5 (2010), s. 1347-1355. CCC; SCOPUS; WOS;

2010 CCC; 2010 IF=2,546; 2010 Q2 (Toxicology) JCR

[BAGO PILÁTOVÁ, Martina (Autor, 12.5%) - VARINSKÁ, Lenka (Autor, 12.5%) - PERJÉSI, Pál (Autor, 12.5%) - ŠARIŠSKÝ, Marek (Autor, 12.5%) - MIROSSAY, Ladislav (Autor, 12.5%) - SOLÁR, Peter (Autor, 12.5%) - OSTRÓ, Alexander (Autor, 12.5%) - MOJŽIŠ, Ján (Autor, 12.5%)]

Kategórie ohlasov do roku 2021: (52)

[1] (2011) HWANG, D. et al. Synthesis and complete assignment of NMR data of 20 chalcones. In Magnetic Resonance in Chemistry, 2011, vol. 49, s. 1, p. 41-45.

[1] (2011) Resende, D.I.S.P. et al. Tandem mass spectrometry based investigation of cinnamylideneacetophenone derivatives ... In Rapid Communications in Mass Spectrometry, 2011, vol. 25, no. 20, s. 3185-3195.

[1] (2011) RODRIGUES, J. et al. New 4-Maleamic Acid and 4-Maleamide Peptidyl Chalcones as Potential Multitarget Drugs for Human Prostate Cancer. In Pharmaceutical Research, 2011, vol. 28, no. 4, p. 907-919.

[1] (2011) SATAM, V. et al. Design, Synthesis, and Cytotoxicity of Novel 3-Arylidenones Derived from Alicyclic Ketones. In Chemical Biology and Drug Design, 2011, vol. 78, no. 4, s. 700-708.

[1] (2011) SATAM, V. et al. Design, synthesis and cytotoxicity of chalcone analogs derived from 2-phenylimino-3-phenylthiazolidin-4-one. In Letters in Drug Design and Discovery, 2011, vol. 8, no. 8, s. 704-708.

[1] (2012) COSTA, S.S. et al. Flavonoids in the therapy and prophylaxis of flu : a patent review. In Expert Opinion on Therapeutic Patents, 2012, vol. 22, no. 10, s. 1111-1121.

[1] (2012) LEE, Jong-Suk et al. The anti-angiogenic and anti-tumor activity of synthetic phenylpropenone derivatives is mediated through the inhibition of receptor tyrosine kinases. In European Journal of Pharmacology, 2012, vol. 677, no. 1-3, s. 22-30.

[1] (2012) MIELCKE, T.R. et al. Activity of novel quinoxaline-derived ... In European Journal of Medicinal Chemistry, 2012, vol. 48, no. 2, s. 255-264.

[1] (2012) SATAM, Vijay et al. Design, Synthesis and Cytotoxicity of Chalcone Analogs Derived from 2-Phenylimino-3-phenylthiazolidin-4-one. In Letters in Drug Design & Discovery, 2012, vol. 9, no. 1, s. 704-708.

[1] (2013) ELMANN, A. et al. Protective and antioxidant effects of a chalconoid from pulicaria incisa on brain astrocytes. In Oxidative Medicine and Cellular Longevity, 2013, art. no. 694398.

[1] (2013) ETHIRAJ, K.R., ARANJANI, J.M., NAWAZ KHAN, F. Potential cytotoxic and apoptosis inducing agents: Synthesis and evaluation of methoxy-substituted chalcones against human lung and cervical cancers. In Medicinal Chemistry Research, 2013, vol. 22, no. 11, s. 5408-5417.

[1] (2013) MAIORAL, M.F. et al. Apoptotic events induced by synthetic naphthylchalcones in human acute leukemia cell lines. In Biochimie, 2013, vol. 95, no. 4, s. 866-874.

[1] (2013) MORADHASELI, S. et al. Cytotoxicity of ICD-85 NPs on human cervical carcinoma HeLa cells through Caspase-8 mediated pathway. In Iranian Journal of Pharmaceutical Research, 2013, vol. 12, no. 1, s. 155-163.

[1] (2013) ZARE MIRAKABADI, A., MORADHASELI, S. Comparative cytotoxic evaluation of free and sodium alginate nanoparticle-encapsulated ICD-85 on primary lamb kidney cells. In Iranian Journal of Cancer Prevention, 2013, vol. 6, no. 3, s. 151-159.

[1] (2014) JANDIAL, D.D. et al. Molecular targeted approaches to cancer therapy and prevention using chalcones. In Current Cancer Drug Targets, 2014, vol. 14, no. 2, s. 181-200.

[1] (2014) KHANYASE, Sibusiso et al. L-Proline organocatalyzed Michael synthesis of

- monobactam and carbapenem beta-lactam cores. In *Tetrahedron-Asymmetry*, 2014, vol. 25, no. 13-14, s. 969-973.
- [1] (2014) MUKHOPADHYAY, S.K. et al. Isolation and characterization of extracellular polysaccharide Thelebolan produced by a newly isolated psychrophilic Antarctic fungus *Thelebolus*. In *Carbohydrate Polymers*, 2014, vol. 104, no. 1, s. 204-212.
- [1] (2014) NAKHJAVANI, M., ZARGHI, A., SHIRAZI, F.H. Cytotoxicity of selected novel chalcone derivatives on human breast, lung and hepatic carcinoma cell lines. In *Iranian Journal of Pharmaceutical Research* 13 (3), pp. 953-958.
- [1] (2014) REFAT, H.M., FADDA, A.A. Utility of 2-methoxy-1-naphthaldehyde in heterocyclic synthesis. In *Synthetic Communications*, 2014, vol. 44, no. 15, s. 2129-2154.
- [1] (2014) SUI, X. et al. 2,4,3',4'-tetramethoxy-biphenyl induces apoptosis in MGC-803 cells through a mitochondrial/caspase pathway. In *Bangladesh Journal of Pharmacology*, 2014, vol. 9, no. 2, s. 235-243.
- [1] (2015) BARMAN, S. et al. Coumarin-benzothiazole-chlorambucil (Cou-Benz-Cbl) conjugate: An ESIPT based pH sensitive photoresponsive drug delivery system. In *Journal of Materials Chemistry B*, 2015, vol. 3, no. 17, s. 3490-3497.
- [1] (2015) BEHBEHANI, Haider - IBRAHIM, Hamada Mohamed - DAWOOD, Kamal M. Ultrasound-assisted regio- and stereoselective synthesis of bis-[1',4'-diaryl-1-oxo-spiro-benzosuberane-2,5'-pyrazoline] derivatives via 1,3-dipolar cycloaddition. In *RSC Advances*, 2015, vol. 5, no. 33, s. 25642-25649.
- [1] (2015) GANGOPADHYAY, M. et al. Targeted photoresponsive TiO₂-coumarin nanoconjugate for efficient combination therapy in MDA-MB-231 breast cancer cells: Synergic effect of photodynamic therapy (PDT) and anticancer drug chlorambucil. In *MedChemComm*, 2015, vol. 6, no. 5, s. 769-777.
- [1] (2015) RUIZ-MONTAÑEZ, G. et al. Screening antimutagenic and antiproliferative properties of extracts isolated from Jackfruit pulp (*Artocarpus heterophyllus* Lam). In *Food Chemistry*, 2015, vol. 175, s. 409-416.
- [1] (2015) WINTER, E., LOCATELLI, C., DI PIETRO, A., CRECZYNSKI-PASA, T.B. Recent trends of chalcones potentialities as antiproliferative and antiresistance agents. In *Anti-Cancer Agents in Medicinal Chemistry*, 2015, vol. 15, no. 5, s. 592-604.
- [1] (2016) JAYASHREE, B.S. et al. Synthesis of newer piperidinyl chalcones and their anticancer activity in human cancer cell lines. In *Research on Chemical Intermediates*, 2016, Vol. 42, no. 4, s. 3673-3688.
- [1] (2016) KUMAR, M., KAUR, V., KUMAR, S., KAUR, S. Phytoconstituents as apoptosis inducing agents: strategy to combat cancer. In *Cytotechnology*, 2016, vol. 68, no. 4, s. 531-563.
- [1] (2016) RAMIREZ-TAGLE, R. et al. Chalcone-induced apoptosis through caspase-dependent intrinsic pathways in human hepatocellular carcinoma cells. In *International Journal of Molecular Sciences*, 2016, vol. 17, no. 2, art. no. 260.
- [1] (2016) SHARMA, R. et al. A review on mechanisms of anti tumor activity of chalcones. In *Anti-Cancer Agents in Medicinal Chemistry*, 2016, vol. 16, no. 2, s. 200-211.
- [1] (2016) ŚLAWIŃSKA-BRYCH, A. et al. Xanthohumol inhibits the extracellular signal regulated kinase (ERK) signalling pathway and suppresses cell growth of lung adenocarcinoma cells. In *Toxicology*, 2016, vol. 357-358, s. 65-73.
- [1] (2017) AKHTAR, M.N. et al. Synthesis and cytotoxic effects of (E)-3-(2,3-dimethoxyphenyl)-1-(5-methylfuran-2-yl) prop-2-en-1-one in MDA-MB231 and MCF-7 breast cancer cell lines. In *Phytochemistry Letters*, 2017, vol. 19, p. 145-150.
- [1] (2017) EVANGELISTA, F.C.G. et al. Synthesis and in vitro evaluation of novel triazole/azide chalcones. In *Medicinal Chemistry Research*, 2017, vol. 26, no. 1, s. 27-43.
- [1] (2018) BEHBEHANI, H., DAWOOD, K.M., FARGHALY, T.A. Biological evaluation of benzosuberones. In *Expert Opinion on Therapeutic Patents*, 2018, vol. 28, no. 1, s. 5-29.
- [1] (2018) MELLADO, M. et al. Hansch's analysis application to chalcone synthesis by Claisen-Schmidt reaction based in DFT methodology. In *Chemical Papers*, 2018, vol. 72, no. 3, s. 703-709.
- [1] (2018) MELLADO, M. et al. Synthesis of chalcones with antiproliferative activity on the SH-SY5Y neuroblastoma cell line: Quantitative Structure-Activity Relationship Models. In *Medicinal Chemistry Research* Volume 27, Issue 11-12, 1 December 2018, Pages 2414-242.
- [1] (2018) SAYED, E. et al. Electrosprayed mesoporous particles for improved aqueous solubility of a poorly water soluble anticancer agent: in vitro and ex vivo evaluation. In *Journal of Controlled*

Release, 2018, vol. 278, s. 142-155.

- [1] (2019) ARIANINGRUM, R. et al. Molecular docking studies of a chalcone derivative compound p-hydroxy-m-methoxychalcone with tyrosine kinase receptors. In *Indian Journal of Public Health Research and Development*, 2019, vol. 10, no. 7, s. 1219-1224.
- [1] (2019) KHOSRAVI, A. et al. Toxicopathological effects of meglumine antimoniate on human umbilical vein endothelial cells. In *Toxicology in Vitro*, 2019, vol. 56, s. 10-18.
- [1] (2019) MARQUINA, S. et al. Design, synthesis and QSAR study of 2'-hydroxy-4'-alkoxy chalcone derivatives that exert cytotoxic activity by the mitochondrial apoptotic pathway. In *Bioorganic and Medicinal Chemistry*, 2019, vol. 27, no. 1, s. 43-54.
- [1] (2019) MELLADO, M. et al. Design, Synthesis and Docking Calculations of Prenylated Chalcones as Selective Monoamine Oxidase B Inhibitors with Antioxidant Activity. In *ChemistrySelect*, 2019, vol. 4, no. 26, s. 7698-7703.
- [1] (2020) ABDALLA, M.A. et al. Regulation of Selenium/Sulfur Interactions to Enhance Chemopreventive Effects: Lessons to Learn from Brassicaceae. In *Molecules*, 2020, vol. 25, no. 24, art. no. 5846
- [1] (2020) CHEN, J., LIU, C.-F., RAO, G.-W. Progress in the synthesis, angiogenesis activity and mechanism of chalcone derivatives. In *Mini-Reviews in Organic Chemistry*, 2020, vol. 17, no. 7, s. 814-827.
- [1] (2020) DAS, A., BANIK, B.K. Dipole moment in medicinal research: Green and sustainable approach. In *Green Approaches in Medicinal Chemistry for Sustainable Drug Design*. Amsterdam : Elsevier, 2020. ISBN 978-012817592-7, pp. 921-964
- [1] (2020) GURUSWAMY, D.K.M. et al. Novel 3-(3, 5-difluoro-4-hydroxyphenyl)-1-(naphthalen-2-yl) prop-2-en-1-one as a potent inhibitor of MAP-kinase in HeLa cell lines and anti-angiogenic activity is mediated by HIF-1 α in EAC animal model. In *Oncotarget*, 2020, roč. 11, č. 50, s. 4661-4676.
- [1] (2020) JAVADI, S. et al. Assessment of apoptotic impact of ICD-85 in A549 cancer cells & HEK293 normal cells. In *Gene Reports*, 2020, vol. 20, art. no. 100746
- [1] (2020) LIM, Y.H. et al. Synthesis, characterization, and anti-cancer activity of new chalcone derivatives containing naphthalene and fluorine moieties. In *Drug Development Research*, 2020, roč. 81, č. 8, s. 994-1003.
- [1] (2020) MELLADO, M. et al. Design, synthesis, antifungal activity, and structure-activity relationship studies of chalcones and hybrid dihydrochromane-chalcones. In *Molecular Diversity*, 2020, roč. 24, č. 3, s. 603-615.
- [1] (2020) PAWLAK, A. et al. Chalcone methoxy derivatives exhibit antiproliferative and proapoptotic activity on canine lymphoma and leukemia cells. In *Molecules*, 2020, roč. 25, č. 19, art. no. 4362.
- [1] (2020) WAHYUNIARI, I.A.I. et al. The effect of (E)-1-(4'-aminophenyl)-3-phenylprop-2-en-1-one on MicroRNA-18a, Dicer1, and MMP-9 expressions against DMBA-induced breast cancer. In *Asian Pacific Journal of Cancer Prevention*, 2020, roč. 21, č. 5, s. 1213-1219.
- [1] (2021) RIZEQ, B. et al. Novel Nitrogen-Based Chalcone Analogs Provoke Substantial Apoptosis in HER2-Positive Human Breast Cancer Cells via JNK and ERK1/ERK2 Signaling Pathways. In *International Journal of Molecular Sciences*, 2021, roč. 22, č. 17, art. no. 9621.
- [1] (2021) WANGNGAE, S. et al. Photophysical study and biological applications of synthetic chalcone-based fluorescent dyes. In *Molecules*, 2021, roč. 26, č. 10, art. no. 2979.
- [3] (2010) BATOVSKA, D.I., PARUSHEV, S.P. An update the anticancer effects of chalcones. In *International Journal of Current Chemistry*, 2010, vol. 1, no. 4, s. 217-236.

Kategórie ohlasov od roku 2022: (9)

- [1] (2022) TEMIZ, E. et al. Cedrus libani tar prompts reactive oxygen species toxicity and DNA damage in colon cancer cells. In *Molecular Biology Reports*, 2022, roč. 49, č. 8, s. 7939-7952.
- [1] (2023) KOLEY, Manankar - HAN, Jianlin - SOLOSHONOK, Vadim A. - MOJUMDER, Subhajit - JAVAHERSHENAS, Ramin - MAKAREM, Ata. Latest developments in coumarin-based anticancer agents: mechanism of action and structure-activity relationship studies. In *RSC Medicinal Chemistry*, 2023, roč. 15, č. 1, s. 10-54.
- [1] (2023) NOURBAKHS, M. Attenuation of Inflammatory Responses in Breast and Ovarian Cancer Cells by a Novel Chalcone Derivative and Its Increased Potency by Curcumin. In *Mediators of Inflammation*, 2023, vol. 2023, art. no. 5156320
- [1] (2024) BURMAOGLU, Serdar - GOBEK, Arzu - ANIL, Derya Aktas - ALAGOZ, Mehmet

Abdullah - GÜNER, Adem - GÜLER, Cem - HEPOKUR, Ceylan - KARABAY YAVASOGLU, N. Ulku - ALGUL, Oztekin. Assessing the Antiangiogenic Effects of Chalcones and Their Derivatives. In Polycyclic Aromatic Compounds, 2024, roč. 44, č. 1, s. 51-66.

[1] (2024) DAS, Aparna - BANIK, Bimal Krishna. Dipole moment in medicinal research: green and sustainable approach. In Green Approaches in Medicinal Chemistry for Sustainable Drug Design: Methods, Second Edition. Amsterdam : Elsevier, 2024. ISBN [9780443161643, 9780443161650], S. 561-602.

[1] (2024) GUIDOTI, Daniela Granella Gomes - TEIXEIRA GUIDOTI, David - LOPES ROMERO, Adriano - TASCA GOIS RUIZ, Ana Lúcia - FOGLIO, Mary Ann - CARVALHO, JOÃO ERNESTO DE - ROCHA, CARMEM LÚCIA DE MELLO SARTORI CARDOSO DA. AANTIPROLIFERATIVE ACTIVITY OF ANNONA SQUAMOSA L. FRACTIONS ON HUMAN TUMOR CELL LINES. In Revista de Biologia Neotropical / Journal of Neotropical Biology, 2024, roč. 21, č. 1, s. 17-28.

[1] (2024) KRISHNA, Athulya - KUMAR, Sunil - SUDEVAN, Sachithra Thazhathuveedu - SINGH, Ashutosh Kumar - PAPPACHEN, Leena K. - RANGARAJAN, T. M. - ABDELGAWAD, Mohamed A. - MATHEW, Bijoy. A Comprehensive Review of the Docking Studies of Chalcone for the Development of Selective MAO-B Inhibitors. In CNS & Neurological Disorders-Drug Targets, 2024, roč. 23, č. 6, s. 697-714.

[1] (2024) SAMOTA, Mahesh K. - YADAV, Dinesh Kumar - KOLI, Pushpendra - KAUR, Maninder - KAUR, Manpreet - RANI, Heena - SELVAN, Shilpa S. - MAHALA, Prakash - TRIPATHI, Kailashpati - KUMAR, Sandeep. Exploring natural chalcones: innovative extraction techniques, bioactivities, and health potential. In Sustainable Food Technology, 2024, roč. 2, č. 5, s. 1456-1468.

[1] (2025) ANCROSSED D SIGNALKOVIĆ, Marija - NIKOLIĆ, Ivana - LUKOVIĆ, Jovan - MITROVIĆ, Marina - ZELEN, Ivanka - MUŠKINJA, Jovana - RATKOVIĆ, Zoran - POPOVIĆ, Suzana - STANKOVIĆ, Sanja - PIRKOVIĆ, Marijana Stanojević. Antitumor Effect of the Synthesized Chalcone Analogues on HeLa Cell Line. In Mağallaı Buhūt Kulliyyaı Al-Adāb - Ğami‘āı Al-Munūfiyyaı, 2025, roč. 26, č. 1, s. 15-22.

MSEP 018383

ADC Differentially expressed genes associated with cisplatin resistance in human ovarian adenocarcinoma cell line A2780 / Peter Solár, Arthur J. Sytkowski.

17 In: Cancer Letters : an international journal providing a forum for original and pertinent contributions in cancer research. - ISSN 0304-3835. - Roč. 309, č. 1 (2011), s. 11-18. Projekt: Centrum pre výskum signalómu - APVV VVCE-0001-07 ; VEGA 1/0296/09. CCC; SCOPUS; WOS; 2011 SJR=1,938; 2011 CiteScore=6,4; 2011 SNIP=1,158; 2011 IF=4,238; 2011 Q1(Oncology) JCR

[SOLÁR, Peter (Autor, 90%) - SYTKOWSKI, Arthur (Autor, 10%)]

Kategórie ohlasov do roku 2021: (34)

[1] (2011) STERRENBURG, J.N., BLATCH, G.L., EDKINS, A.L. Human DNAJ in cancer and stem cells. In Cancer Letters, 2011, vol. 312, no. 2, s. 129-142.

[1] (2012) HASLEHURST, A.M. et al. EMT transcription factors snail ... In BMC Cancer, 2012, vol. 12, art.no. 91.

[1] (2012) JUSTILIEN, V. et al. Matrix metalloproteinase-10 is required ... In PLoS ONE, 2012, vol. 7, no. 4, art.no. e35040.

[1] (2012) QIAN, H.Y. et al. result 5 Document Role and mechanism of β -catenin-mediated resistance to cisplatin in human non-small cell lung cancer A549 cells. In Source of the Document Chinese Journal of Cancer Prevention and Treatment, 2012, vol. vol. 19, no. 21, s. 1620-1624.

[1] (2012) TIAN, Y. et al. FATS expression is associated with cisplatin ... In Lung Cancer, 2012, vol. 76, no. 3, s. 416-422.

[1] (2012) ZHANG, H. et al. Downregulation of gene MDR1 ... In Journal of Cancer Research and Therapeutics, 2012, vol. 8, no. 2, s. 226-231.

[1] (2013) AL-ALEM, Linah F. et al. Activation of the PKC Pathway Stimulates Ovarian Cancer Cell Proliferation, Migration, and Expression of MMP7 and MMP10. In Biology of Reproduction, 2013, vol. 89, no. 3, art.no. 73.

[1] (2013) KOCH, M. et al. Overcoming chemotherapy resistance of ovarian cancer cells by

- liposomal cisplatin: Molecular mechanisms unveiled by gene expression profiling. In *Biochemical Pharmacology*, 2013, vol. 85, no. 8, s. 1077-1090.
- [1] (2013) LIU, S. et al. Berberine sensitizes ovarian cancer cells to cisplatin through miR-21/PDCD4 axis. In *Acta Biochimica et Biophysica Sinica*, 2013, vol. 45, no. 9, s. 756-762.
- [1] (2014) JANUCHOWSKI, R. et al. Extracellular matrix proteins expression profiling in chemoresistant variants of the A2780 ovarian cancer cell line. In *BioMed Research International*, 2014, art.no. 365867.
- [1] (2014) MATCHETT, K.B. et al. Ran GTPase in nuclear envelope formation and cancer metastasis. In *Advances in Experimental Medicine and Biology*, 2014, vol. 773, s. 323-351.
- [1] (2014) TENG, P.N. et al. result 1 Document Identification of candidate circulating cisplatin-resistant biomarkers from epithelial ovarian carcinoma cell secretomes. In *Source of the Document British Journal of Cancer*, 2014, vol. 110, no. 1, s. 123-132.
- [1] (2014) VIZCAÍNO, C. et al. Genome-wide modulation of gene transcription in ovarian carcinoma cells by a new mithramycin analogue. In *PLoS ONE*, 2014, vol. 9, no. 8, art.no. e104687.
- [1] (2014) ZHAO, J.X. et al. Wortmannin enhances cisplatin-induced apoptosis in human ovarian cancer cells in vitro. In *European Review for Medical and Pharmacological Sciences*, 2014, vol. 18, no. 17, s. 2428-2434
- [1] (2015) AL-ALEM, Linah- CURRY, Thomas E., Jr. Ovarian cancer: involvement of the matrix metalloproteinases. In *REPRODUCTION*, 2015, vol. 150, no. 2, s. R55-R64
- [1] (2015) CHEN, Qiaoyun et al. Berberine Sensitizes Human Ovarian Cancer Cells to Cisplatin Through miR-93/PTEN/Akt Signaling Pathway. In *CELLULAR PHYSIOLOGY AND BIOCHEMISTRY*, 2015, vol. 36, no. 3, s. 956-965
- [1] (2015) LAVIN, P.T.M., Mc GEE, M.M. Cyclophilin function in cancer; lessons from virus replication. In *Current Molecular Pharmacology*, 2015, vol. 9, no. 2, s. 148-164
- [1] (2016) GHERMAN, C. et al. Caffeic acid phenethyl ester activates pro-apoptotic and epithelial-mesenchymal transition-related genes in ovarian cancer cells A2780 and A2780cis. In *Molecular and Cellular Biochemistry*, 2016, vol. 413, no. 1-2, s. 189-198
- [1] (2016) MARIYA, T. et al. Matrix metalloproteinase-10 regulates stemness of ovarian cancer stem-like cells by activation of canonical Wnt signaling and can be a target of chemotherapy-resistant ovarian cancer. In *Oncotarget*, 2016, vol. 7, no. 18, s. 26806-26822
- [1] (2016) SEMAAN, A.Y. et al. Exome sequencing of ovarian cancer patients to identify variants predictive of sensitivity to platinum-based chemotherapy. In *Current Pharmacogenomics and Personalized Medicine*, 2016, vol. 14, no. 2, s. 124-133
- [1] (2017) LIN, Y. et al. Polymorphisms in matrix metalloproteinases 2, 3, and 8 increase recurrence and mortality risk by regulating enzyme activity in gastric adenocarcinoma . In *Oncotarget*, 2017, vol. 8, no. 62, s. 105971-105983.
- [1] (2017) STAFFORD, N. et al. The plasma membrane calcium ATPases and their role as major new players in human disease. In *Physiological Reviews*, 2017, vol. 97, no. 3, s. 1089-1125.
- [1] (2017) TIBERIO, P. et al. Involvement of AF1q/MLLT11 in the progression of ovarian cancer. In *Oncotarget*, 2017, vol. 8, no. 14, s. 23246-23264.
- [1] (2017) ZOU, W. et al. Hepatitis B X-interacting protein promotes cisplatin resistance and regulates CD147 via Sp1 in ovarian cancer. In *Experimental Biology and Medicine*, 2017, vol. 242, no. 5, s. 497-504
- [1] (2018) HOU, G. et al. Recent advances in research on aspartate β -hydroxylase (ASPH) in pancreatic cancer: A brief update. In *Bosnian Journal of Basic Medical Sciences*, 2018, vol. 18, no. 4, s. 297-304.
- [1] (2019) GONG, J. et al. L-Tetrahydropalmatine enhances the sensitivity of human ovarian cancer cells to cisplatin via microRNA-93/PTEN/Akt cascade. In *Journal of B.U.ON.*, 2019, vol. 24, no. 2, s. 701-708.
- [1] (2019) MIR, H. et al. Higher CXCL16 exodomain is associated with aggressive ovarian cancer and promotes the disease by CXCR6 activation and MMP modulation. In *Scientific Reports*, 2019, vol. 9, no. 1, s. 2527.
- [1] (2020) CARAVIA, L. et al. Altered organelle calcium transport in ovarian physiology and cancer. In *Cancers*, 2020, vol. 12, no. 8, art. no. 2232, s. 1-29.
- [1] (2020) HUANG, C.-L. et al. Identification of human ovarian adenocarcinoma cells with cisplatin-resistance by feature extraction of gray level co-occurrence matrix using optical images.

In Diagnostics, 2020, vol. 10, no. 6, art. no. 389

[1] (2020) KULUS, M. et al. Transcriptomic analysis of expression of genes regulating cell cycle progression in porcine ovarian granulosa cells during short-term in vitro primary culture. In Histochemistry and Cell Biology, 2020, vol. 153, no. 6, s. 397-412

[1] (2020) LOU, T. et al. Mesenchymal Stem Cell-Secreted Exosome Promotes Chemoresistance in Breast Cancer via Enhancing miR-21-5p-Mediated S100A6 Expression. In Molecular Therapy - Oncolytics, 2020, vol. 19, s. 283-293

[1] (2020) MA, Q. et al. Super-Enhancer Redistribution as a Mechanism of Broad Gene Dysregulation in Repeatedly Drug-Treated Cancer Cells. In Cell Reports, 2020, vol. 31, no. 3, art. no. 107532

[1] (2020) WANG, Q. et al. Biguanides in combination with olaparib limits tumorigenesis of drug-resistant ovarian cancer cells through inhibition of Snail. In Cancer Medicine, 2020, vol. 9, no. 4, s. 1307-1320

[1] (2021) LIU, M. et al. PD-0332991 combined with cisplatin inhibits nonsmall cell lung cancer and reversal of cisplatin resistance. In Thoracic Cancer, 2021, vol. 12, no. 6, s. 924-931.

Kategórie ohlasov od roku 2022: (10)

[1] (2022) ZHANG, X. et al. Low expression and Hypermethylation of ATP2B1 in Intrahepatic Cholangiocarcinoma Correlated With Cold Tumor Microenvironment. In Frontiers in Oncology, 2022, vol. 12, art. no. 927298

[1] (2023) CLANCY, J., HOFFMANN, C.S., PICKETT, B.E. Transcriptomics secondary analysis of severe human infection with SARS-CoV-2 identifies gene expression changes and predicts three transcriptional biomarkers in leukocytes. In Computational and Structural Biotechnology Journal, 2023, vol. 21, s. 1403-1413

[1] (2023) DENG, Fengying - FU, Mengyu - ZHAO, Chenxuan - LEI, Jiahui - XU, Ting - JI, Bingyu - DING, Hongmei - ZHANG, Yueming - CHEN, Jie - QIU, Junlan - GAO, Qinqin. Calcium signals and potential therapy targets in ovarian cancer (Review). In International Journal of Oncology, 2023, roč. 63, č. 5, art. no. 125

[1] (2023) SYNOWIEC, Agnieszka - BRODACZEWSKA, Klaudia - WCISŁO, Gabriel - MAJEWSKA, Aleksandra - BORKOWSKA, Agata - FILIPIAK-DULIBAN, Aleksandra - GAWRYLAK, Aleksandra - WILKUS, Kinga - PIWOCKA, Katarzyna - KOMINEK, Agata - WAŚ, Halina - LEWICKI, Sławomir - SIEWIERA, Jacek - SZCZYLIK, Cezary - SZENAICH, Jolanta - KUBIAK, Jacek Z. - KIEDA, Claudine. Hypoxia, but Not Normoxia, Reduces Effects of Resveratrol on Cisplatin Treatment in A2780 Ovarian Cancer Cells: A Challenge for Resveratrol Use in Anticancer Adjuvant Cisplatin Therapy. In International journal of molecular sciences, 2023, roč. 24, č. 6.

[1] (2024) JAMIALAHMADI, Khadijeh - NORUZI, Somaye. Matrix metalloproteinases, chemoresistance and cancer. In Pathophysiological Aspects of Proteases in Cancer. London : Elsevier, 2024. ISBN 9780443300981, S. 385-409.

[1] (2024) WU, Peiling - ZHAO, Lifang - ZHANG, Hongyan - LOU, Yueyan - CHEN, Dongfang - XUE, Shan - LIU, Xueqing - JIANG, Handong. NCAPD2 serves as a potential prognostic biomarker for lung adenocarcinoma and promotes cell proliferation, migration, invasion and cell cycle in vitro. In Oncology Research, 2024, roč. 32, č. 9, s. 1439-1452.

[1] (2024) ZIGOVÁ, Martina - MICHALKOVÁ, Radka - MOJŽIŠ, Ján. Anticancer Potential of Indole Phytoalexins and Their Analogues. In Molecules [online] 2024, roč. 29, č. 10, s. 1-21, 2388 . Dostupné na internete <<https://www.mdpi.com/1420-3049/29/10/2388>>

[1] (2025) ADAMS, Kristin M. - WENDT, Jae Rim - WOOD, Josie - OLSON, Sydney - MORENO, Ryan - JIN, Zhongmou - GOPALAN, Srihari - LANG, Jessica D.. Cell-intrinsic platinum response and associated genetic and gene expression signatures in ovarian cancer. In Cancer Gene Therapy, 2025, roč. 32, č. 9, s. 985-996.

[1] (2026) APPADURAI, Muthamil Iniyan - ALSAFWANI, Zahraa Wajih - CHAUDHARY, Sanjib - SHAH, Ashu - SOMAVARAPU, Pranay - DOOSHETY, Sriman N. - KUBICEK, Ben S. - BATRA, Surinder K. - LAKSHMANAN, Imayavaramban - GANTI, Apar Kishor. Ixazomib triggers autophagic degradation of MUC5AC/integrin-β4 and inhibits non-small cell lung cancer progression. In Cancer Letters, 2026, roč. 645.

[1] (2026) TONG, Siyao - LOILOME, Watcharin - NAMWAT, Nisana - KLANRIT, Poramate - WANGWIWATSIN, Arporn - WIN, Zar Zar - KOYABUTH, Preeya - CHUMWORATHAYI,

Bandit. Cannabidiol and tetrahydrocannabinol in ovarian cancer: A systematic review and Meta-analysis of anticancer efficacy. In *Oncologie*, 2026, roč. 28, č. 2, s. 299-314.

SSEP 012222

- ADC Photoactivated Hypericin Induces Downregulation of HER2 Gene Expression / Peter Solár ... [et al.].
18 In: *Radiation Research* : official journal of the Radiation Research Society. - ISSN 0033-7587. - Roč. 175, č. 1 (2011), s. 51-56. Projekt: Centrum pre výskum signalómu - APVV VVCE-0001-07 ; VEGA 1/0296/09. CCC; SCOPUS; WOS;
2011 SJR=1,221; 2011 CiteScore=4,5; 2011 SNIP=1,254; **2011 IF=2,684; 2011 Q1(Biology) JCR; 2011 Q2(Biophysics) JCR; 2011 Q2(Radiology, nuclear medicine & medical imaging) JCR** [SOLÁR, Peter (Autor, 35%) - FERENC, Peter (Autor, 14%) - KOVAL, Ján (Autor, 10%) - MIKEŠ, Jaromír (Autor, 10%) - SOLÁROVÁ, Zuzana (Autor, 5%) - HRČKOVÁ, Gabriela (Autor, 5%) - FULTON, Benjamin Lee (Autor, 1%) - FEDOROČKO, Peter (Autor, 20%)]
Kategórie ohlasov do roku 2021: (9)
[1] (2011) CHIAVIELLO, A., POSTIGLIONE, I., PALUMBO, G. Targets and mechanisms of photodynamic therapy ... In *Cancers*, 2011, vol. 3, no. 1, s. 1014-1041.
[1] (2012) JIANG, Y. et al. Apoptosis of breast cancer ... In *Photodiagnosis and Photodynamic Therapy*, 2012, vol. 9, no. 4, s. 337-343.
[1] (2012) ZHANG, C., FAN, J. Application of hypericin in cancer therapy and diagnosis. In *Journal of International Pharmaceuticals Research*, 2012, vol. 39, no. 5, s. 402-408.
[1] (2013) TEITEN, M.H. et al. Anticancer bioactivity of compounds from medicinal plants used in European medieval traditions. In *Biochemical Pharmacology*, 2013, vol. 86, no. 9, s. 1239-1247.
[1] (2016) FERUSZOVA, Jana et al. Photoactivated hypericin is not genotoxic. In *General Physiology and Biophysics*, 2016, vol. 35, no. 2, s. 223-230.
[1] (2016) LIN, S. et al. Enhancement of oxaliplatin sensitivity in human colorectal cancer by hypericin mediated photodynamic therapy via ROS-related mechanism. In *International Journal of Biochemistry and Cell Biology*, 2016, vol. 71, s. 24-34.
[1] (2017) KELLO, Martin et al. Fruit Peel Polyphenolic Extract-Induced Apoptosis in Human Breast Cancer Cells Is Associated with ROS Production and Modulation of p38MAPK/Erk1/2 and the Akt Signaling Pathway. In *Nutrition and Cancer- an International Journal*, 2017, vol. 69, no. 6, s. 920-931.
[1] (2017) LIN, S. et al. Endoplasmic reticulum-targeting photosensitizer Hypericin confers chemo-sensitization towards oxaliplatin through inducing pro-death autophagy. In *International Journal of Biochemistry and Cell Biology*, 2017, vol. 87, s. 54-68.
[1] (2021) DONG, X. et al. Hypericin-mediated photodynamic therapy for the treatment of cancer: a review. In *Journal of pharmacy and Pharmacology*, 2021, roč. 73, č. 4, s. 425-436.
Kategórie ohlasov od roku 2022: (4)
[1] (2023) OKON, E. et al. Therapeutic Potential of 1,8-Dihydroanthraquinone Derivatives for Breast Cancer. In *International Journal of Molecular Sciences*, 2023, vol. 24, no. 21, art. no. 15789.
[1] (2023) THAKUR, M. et al. Lichens: A promising source of anti-cancerous activity and their molecular mechanisms . In *South African Journal of Botany*, 2023, vol. 159, s. 155-163
[1] (2023) WU, J.J. et al. Hypericin: A natural anthraquinone as promising therapeutic agent. In *Phytomedicine*, 2023, roč. 111, art. no. 154654.
[1] (2026) HUNTOŠOVÁ, Veronika - VASYLYSHYN, Taras - PATSULA, Vitalii - OLEJÁROVÁ, Soňa - JONIOVÁ, Jaroslava - BENZIANE, Anass - MÁČAJOVÁ, Mariana - WAGNIÉRES, Georges - VÁMOSI, Gyorgy - SEDLÁK, Erik - HORÁK, Daniel. Imaging-guided photodynamic control of autophagy–apoptosis switching in breast cancer using hypericin-functionalized upconverting nanoparticles. In *Journal of controlled release*, 2026, roč. 395, s. 1-19, art. no. 114961

SSEP 011892

- ADC Association between polymorphisms of XRCC1, p53 and MDR1 genes, the expression of their
19 protein products and prognostic significance in human breast cancer / S. Rybárová... [et al.].
In: *Medical science monitor*. - ISSN 1234-1010. - Roč. 17, č. 12 (2012), s. BR354-BR363. Projekt: Zmapovanie mechanizmov rezistencie nádorových buniek u karcinómu prsníka na všetkých úrovniach bunky za účelom zlepšenia terapie a prognózy ochorenia - VEGA 1/0388/08 ; Antiapoptotický proteín survivin: diagnostický a prognostický marker zhubných nádorov - VEGA

1/0050/11 ; ITMS 26220120039 26220120039. 10.12659/MSM.882121 DOI;DOI; CCC;
 SCOPUS; WOS;
 2012 SJR=0,465; 2012 SNIP=0,715; 2012 CiteScore=2,8; **2012 IF=1,358; 2012 Q3(Medicine,
 research & experimental) JCR; 2012 Q2(Medicine (miscellaneous)) Scimago**
 [OV 180];

[RYBÁROVÁ, Silvia (Autor, 50%) - VECANOVÁ, Janka (Autor, 10%) - HODOROVÁ, Ingrid
 (Autor, 5%) - MIHALIK, Jozef (Autor, 4%) - ČIŽMÁRIKOVÁ, Martina (Autor, 10%) -
 MOJŽIŠ, Ján (Autor, 4%) - SOLÁR, Peter (Autor, 4%) - BENICKÝ, Marián (Autor, 4%) -
 ADAMKOV, Marian (Autor, 3%) - MIROSSAY, Ladislav (Autor, 6%)]

Kategórie ohlasov do roku 2021: (15)

- [1] (2012) ANDREE, C. et al. Detecting of breast cancer metastasis by means of regional lymph node sampling during autologous breast reconstruction - A screening of 519 consecutive patients. In Medical Science Monitor, 2012, vol. 18, no. 10, s. CR605-CR610.
- [1] (2012) HAN, Xuechang et al. Study on the DNA Repair Gene XRCC1 and XRCC3 Polymorphism in Prediction and Prognosis of Hepatocellular Carcinoma Risk. In Hepato-Gastroenterology, 2012, vol. 59, no. 119, s. 2285-2289.
- [1] (2012) LI, Qiu-wen et al. Evaluation of DNA Repair Gene XRCC1 Polymorphism in Prediction and Prognosis of Hepatocellular Carcinoma Risk. In Asian Pacific Journal of Cancer Prevention, 2012, vol. 13, no. 1, s. 191-194.
- [1] (2012) LIU, Y. et al. MicroRNA-10b targets E-cadherin and modulates breast cancer metastasis. In Medical Science Monitor, 2012, vol. 18, no. 8, s. BR299-BR308.
- [1] (2012) SONG, Chang-xin - WANG, Ting - CHEN, Da-qing. Study on the DNA repair gene ERCC1 and XPD polymorphism in prediction of survival of glioma patients with chemotherapy. In African Journal of Pharmacy and Pharmacology, 2012, vol. 6, no. 33, s. 2472-2476.
- [1] (2013) LIU, S.-P. et al. Association between polymorphism of XRCC1 gene and susceptibility to esophageal carcinoma. In Journal of Practical Oncology, 2013, vol. 28, no. 3, s. 253-260.
- [1] (2013) YUE, A.-M. et al. Implication of polymorphisms in DNA repair genes in prognosis of hepatocellular carcinoma. In Asian Pacific Journal of Cancer Prevention, 2013, vol. 14, no.1, s. 355-358.
- [1] (2013) ZHU, Zhongpeng et al. Cytoplasmic HuR expression correlates with P-gp, HER-2 positivity, and poor outcome in breast cancer. In Tumor Biology, 2013, vol. 34, no. 4, s. 2299-2308.
- [1] (2014) MAHJABEEN, Ishrat et al. Deregulation of base excision repair gene expression and enhanced proliferation in head and neck squamous cell carcinoma. In Tumor Biology, 2014, vol. 35, no. 6, no. 5971-5983.
- [1] (2014) TENGSTROM, Maria et al. XRCC1 rs25487 Polymorphism Predicts the Survival of Patients After Postoperative Radiotherapy and Adjuvant Chemotherapy for Breast Cancer. In Anticancer Research, 2014, vol. 34, no. 6, s. 3031-3037.
- [1] (2016) PENG, L. et al. Association between BRCA status and P53 status in breast cancer: A meta-analysis. In Medical Science Monitor, 2016, Vol. 22, s. 1939-1945.
- [1] (2018) ZAMBORSKY, R. et al. Regenerative medicine in orthopaedics and trauma: Challenges, regulation and ethical issues. In Ortopedia Traumatologia Rehabilitacja, 2018, vol. 20, no. 3, s. 173-180.
- [1] (2019) CSOBONYEIOVA, M. et al. Recent progress in the regeneration of spinal cord injuries by induced pluripotent stem cells. In International Journal of Molecular Sciences, 2019, vol. 20, no. 15, art. no. 3838.
- [1] (2020) HE, C., KAWAGUCHI, K., TOI, M. DNA damage repair functions and targeted treatment in breast cancer. In Breast Cancer, 2020, roč. 27, č. 3, s. 355-362.
- [1] (2021) ABDEL GHAFAR, M.T. et al. Impact of XRCC1 genetic variants on its tissue expression and breast cancer risk: A case-control study. In Environmental and Molecular Mutagenesis, 2021, vol. 62, no. 7, s. 399-408

Kategórie ohlasov od roku 2022: (2)

- [1] (2022) ZAIB, S., TAHIR, S., MASOOD, N., HAMEED, A., YASMIN, A. A meta-analysis and experimental data for multidrug resistance genes in breast cancer. In African Health Sciences, 2022, roč. 22, č. 4, s. 1-9.
- [1] (2023) LI, H. et al. Systematic evaluation of TP53 codon 72 polymorphism associated with

onset and progression of oral potentially malignant disorders. In BMC Oral Health, 2023, vol. 23, no. 1, art. no. 659

MSEP 021055

- ADC Comparison of expression pattern of monoamine oxidase A with histopathologic subtypes and
20 tumour grade of renal cell carcinoma / I. Hodorová... [et al.].
In: Medical science monitor. - ISSN 1234-1010. - Roč. 18, č. 12 (2012), s. BR482-BR486. Projekt:
Štúdium polymorfizmov génov a expresia proteínov ovplyvňujúcich prognózu a terapiu
obličkového adenokarcinómu a nefroblastómu - VEGA 1/0925/11 ; Vplyv podávania dvoch
rôznych dávok deprenylu na reprodukčné parametre samcov potkana - VEGA 1/0928/11 ; Analýza
expresie proteínov liekovej rezistencie a polymorfizmov ich génov so vzťahom k prognóze a
terapii karcinómu pľúc - VEGA 1/0224/12 ; Typizácia ľudského erytropoetínového receptora v
nádorovej a normálnej bunke - VEGA 1/0733/12. 10.12659/MSM.883592 DOI;DOI; CCC;
SCOPUS; WOS;
2012 SJR=0,465; 2012 SNIP=0,715; 2012 CiteScore=2,8; **2012 IF=1,358; 2012 Q3(Medicine,
research & experimental) JCR; 2012 Q2(Medicine (miscellaneous)) Scimago**
[OV 180];
[HODOROVÁ, Ingrid (Autor, 50%) - RYBÁROVÁ, Silvia (Autor, 10%) - VECANOVÁ, Janka
(Autor, 5%) - SOLÁR, Peter (Autor, 5%) - DOMORÁKOVÁ, Iveta (Autor, 5%) -
ADAMKOV, Marian (Autor, 5%) - MIHALIK, Jozef (Autor, 20%)]
Kategórie ohlasov do roku 2021: (8)
[1] (2014) WU, J.B. et al. Monoamine oxidase A mediates prostate tumorigenesis and cancer
metastasis. In Journal of Clinical Investigation, 2014, vol. 124, no. 7, s. 2891-2014.
[1] (2015) MAEDA, S. et al. Mass spectrometry-based proteomic analysis of formalin-fixed
paraffin-embedded extrahepatic cholangiocarcinoma. In Journal of Hepato-Biliary-Pancreatic
Sciences, 2015, vol. 22, no. 9, s. 683-691
[1] (2019) WATSON, A.M. et al. Diabetes and hypertension differentially affect renal
catecholamines and renal reactive oxygen species. In Frontiers in Physiology, 2019, vol. 10, no.
MAR, s. 309
[1] (2020) LEE, H.M. et al. Monoamine oxidase A is down-regulated in EBV-associated
nasopharyngeal carcinoma. In Scientific Reports, 2020, vol. 10, no. 1, art. no. 6115
[1] (2020) LI, P.-C. et al. PAMs inhibits monoamine oxidase a activity and reduces glioma tumor
growth, a potential adjuvant treatment for glioma. In BMC Complementary Medicine and
Therapies, 2020, roč. 20, č. 1, art. no. 252.
[1] (2021) ALJANABI, R. et al. Monoamine oxidase (MAO) as a potential target for anticancer
drug design and development. In Molecules, 2021, roč.6, č. 19, art. no. 6019
[1] (2021) CHEN, P.H. et al. Genetic and proteinic linkage of mao and comt with oral potentially
malignant disorders and cancers of the oral cavity and pharynx. In Cancers, 2021, vol. 13, no. 13,
art. no. 3268
[1] (2021) HUANG, Y. et al. Monoamine Oxidase A Inhibits Lung Adenocarcinoma Cell
Proliferation by Abrogating Aerobic Glycolysis. In Frontiers in Oncology, 2021, roč. 11, art. no.
645821.
Kategórie ohlasov od roku 2022: (22)
[1] (2014) WU, Jason Boyang - SHAO, Chen - LI, Xiangyan - LI, Qinlong - HU, Peizhen - SHI,
Changhong - LI, Yang - CHEN, Yi Ting - YIN, Fei - LIAO, Chun Peng - STILES, Bangyan L. -
ZHAU, Haiyen E. - SHIH, Jean C. - CHUNG, Leland W.K.. Monoamine oxidase A mediates
prostate tumorigenesis and cancer metastasis. In The Journal of clinical investigation, 2014, roč.
124, č. 7, s. 2891-2908.
[1] (2015) MAEDA, Shimpei - MORIKAWA, Takanori - TAKADATE, Tatsuyuki - SUZUKI,
Takashi - MINOWA, Takashi - HANAGATA, Nobutaka - ONOGAWA, Tohru - MOTOI,
Fuyuhiko - NISHIMURA, Toshihide - UNNO, Michiaki. Mass spectrometry-based proteomic
analysis of formalin-fixed paraffin-embedded extrahepatic cholangiocarcinoma. In Journal of
Hepato-Biliary-Pancreatic Sciences, 2015, roč. 22, č. 9, s. 683-691.
[1] (2017) LI, Pei Chuan - SIDDIQI, Imran N. - MOTTOK, Anja - LOO, Eric Y. - WU, Chieh Hsi
- COZEN, Wendy - STEIDL, Christian - SHIH, Jean Chen. Monoamine oxidase A is highly
expressed in classical Hodgkin lymphoma. In The Journal of Pathology, 2017, roč. 243, č. 2, s.
220-229.

- [1] (2017) LIN, Yi Cheng - CHANG, Yi Ting - CAMPBELL, Mel - LIN, Tzu Ping - PAN, Chin Chen - LEE, Hsin Chen - SHIH, Jean C. - CHANG, Pei Ching. MAOA-a novel decision maker of apoptosis and autophagy in hormone refractory neuroendocrine prostate cancer cells. In Scientific reports, 2017, roč. 7, art. no. 46338
- [1] (2018) KIM, Dokyoung - BECK, Sungjun - JUNG, Junyang. Monitoring of monoamine oxidases as biomarkers of disease and disorder. In Bulletin of the Korean Chemical Society, 2018, roč. 39, č. 3, s. 277-278.
- [1] (2018) TSUTSUI, Hidenobu - SHIMOKAWA, Takaomi - MIURA, Takeshi - TAKAMA, Masashi - NISHINAKA, Toru - TERADA, Tomoyuki - YAMAGATA, Masayo - YUKIMURA, Tokihito. Effect of monoamine oxidase inhibitors on ischaemia/reperfusion-induced acute kidney injury in rats. In European Journal of Pharmacology, 2018, roč. 818, s. 38-42.
- [1] (2019) WATSON, Anna M.D. - GOULD, Eleanor A.M. - PENFOLD, Sally A. - LAMBERT, Gavin W. - PRATAMA, Putra Riza - DAI, Aozhi - GRAY, Stephen P. - HEAD, Geoffrey A. - JANDELEIT-DAHME, Karin A.. Diabetes and hypertension differentially affect renal catecholamines and renal reactive oxygen species. In Frontiers in physiology, 2019, roč. 10, č. 670746, art. no. 309
- [1] (2020) LEE, Hui Min - SIA, Alice Pei Eal - LI, Lili - SATHASIVAM, Hans Prakash - CHAN, Melissa Sue Ann - RAJADURAI, Pathmanathan - TSANG, Chi Man - TSAO, Sai Wah - MURRAY, Paul G. - TAO, Qian - PATERSON, Ian C. - YAP, Lee Fah. Monoamine oxidase A is down-regulated in EBV-associated nasopharyngeal carcinoma. In Scientific reports, 2020, roč. 10, č. 1, art. no. 6115
- [1] (2020) LI, Pei Chuan - CHEN, Shih Yi - XIANGFEI, Danzhou - MAO, Canquan - WU, Chieh His - SHIH, Jean Chen. PAMs inhibits monoamine oxidase a activity and reduces glioma tumor growth, a potential adjuvant treatment for glioma. In BMC complementary medicine and therapies, 2020, roč. 20, č. 1, art. no. 252
- [1] (2021) ALJANABI, Reem - ALSOUS, Lina - SABBABH, Dima A. - GUL, Halise Inci - GUL, Mustafa - BARDAWEEL, Sanaa K.. Monoamine oxidase (MAO) as a potential target for anticancer drug design and development. In Molecules, 2021, roč. 26, č. 19, art. no. 6019
- [1] (2021) CHEN, Ping Ho - WANG, Yen Yun - LAN, Ting Hsun - CHAN, Leong Perng - YUAN, Shyng Shiou. Genetic and proteinic linkage of mao and comt with oral potentially malignant disorders and cancers of the oral cavity and pharynx. In Cancers, 2021, roč. 13, č. 13, art. no. 3268
- [1] (2021) HUANG, Yumin - ZHAO, Wei - OUYANG, Xiaoping - WU, Feng - TAO, Yujian - SHI, Minhua. Monoamine Oxidase A Inhibits Lung Adenocarcinoma Cell Proliferation by Abrogating Aerobic Glycolysis. In Frontiers in oncology, 2021, roč. 11, art. no. 645821
- [1] (2022) BARDAWEEL, Sanaa - ALJANABI, Reem - SABBABH, Dima - SWEIDAN, Kamal. Design, Synthesis, and Biological Evaluation of Novel MAO-A Inhibitors Targeting Lung Cancer. In Molecules, 2022, roč. 27, č. 9, art. no. 2887
- [1] (2022) BARDAWEEL, S., ALJANABI, R., SABBABH, D., SWEIDAN, K. Design, Synthesis, and Biological Evaluation of Novel MAO-A Inhibitors Targeting Lung Cancer. In Molecules, 2022, roč. 27, č. 9, art. no. 2887.
- [1] (2023) CHEN, Chia Hui - WU, Boyang Jason. Monoamine oxidase A: An emerging therapeutic target in prostate cancer. In Frontiers in oncology, 2023, roč. 13, art. no. 1137050
- [1] (2023) PALLAUF, Maximilian - GED, Yasser - SINGLA, Nirmish. Molecular differences in renal cell carcinoma between males and females. In World Journal of Urology, 2023, roč. 41, č. 7, s. 1727-1739.
- [1] (2024) MO, Qingyuan - ZHONG, Tiantian - CAO, Bingying - HAN, Zhongyao - HU, Xianyun - ZHAO, Shulin - WEI, Xiaoyu - YANG, Zhengmin - QIN, Jiangke. Dihydroxanthene-based monoamine oxidase A-activated photosensitizers for photodynamic/photothermal therapy of tumors. In European Journal of Medicinal Chemistry, 2024, roč. 272.
- [1] (2024) SBLANO, Sabina - BOCCARELLI, Angelina - MESITI, Francesco - PURGATORIO, Rosa - DE CANDIA, Modesto - CATTO, Marco - ALTOMARE, Cosimo D.. A second life for MAO inhibitors? From CNS diseases to anticancer therapy. In European Journal of Medicinal Chemistry, 2024, roč. 267, art. no. 116180
- [1] (2025) HÂNCU, Iasmina M. - GIUCHICI, Silvia - FURDUI-LINȚA, Adina V. - LOLESCU, Bogdan - STURZA, Adrian - MUNTEAN, Danina M. - DĂNILĂ, Maria D. - LIGHEZAN, Rodica. The highs and lows of monoamine oxidase as molecular target in cancer: an updated review. In Molecular and cellular biochemistry, 2025, roč. 480, č. 6, s. 3225-3252.

[1] (2025) MAITY, Prajna - SUR, Debjeet. Beyond CTLA-4 and PD-1: Novel Insights into MAO-A as a Next Generation Immune Checkpoint Modulator for Cancer Immunotherapy. In *Current Cancer Drug Targets*, 2025, roč. 25, č. 12, s. 1531-1543.

[1] (2025) VIJAYALAKSHMI, M. K. - SRINIVASAN, R.. Synthesis and in-vitro cytotoxicity activity of 1,3,4-oxa-diazolbenzamide derivatives and inhibition of human MAO-A enzyme: A in-silico approaches. In *Analytical Chemistry Letters*, 2025, roč. 15, č. 1, s. 83-102.

[1] (2025) WEI, Jing - WU, Boyang Jason. Targeting monoamine oxidases in cancer: advances and opportunities. In *Trends in molecular medicine*, 2025, roč. 31, č. 5, s. 479-491.

MSEP 022390

ADC Location and the functionality of erythropoietin receptor(s) in A2780 cells / Peter Solár... [et al.].

21 In: *Oncology Reports*. - ISSN 1021-335X. - Roč. 28, č. 1 (2012), s. 141-146. Projekt: VEGA 1/0296/09 ; Typizácia ľudského erytropoetínového receptora v nádorovej a normálnej bunke - VEGA 1/0733/12. CCC; SCOPUS; WOS; 2012 SJR=0,949; 2012 CiteScore=3,5; 2012 SNIP=0,735; 2012 IF=2,297; 2012 Q3(Oncology) JCR

[SOLÁR, Peter (Autor, 30%) - HRČKOVÁ, Gabriela (Autor, 10%) - VARINSKÁ, Lenka (Autor, 15%) - SOLÁROVÁ, Zuzana (Autor, 15%) - KRIŠKA, Ján (Autor, 15%) - UHRINOVÁ, Ivana (Autor, 4%) - KELLO, Martin (Autor, 5%) - MOJŽIŠ, Ján (Autor, 2%) - FEDOROČKO, Peter (Autor, 2%) - SYTKOWSKI, Arthur J. (Autor, 2%)]

Kategórie ohlasov do roku 2021: (5)

[1] (2014) REINBOTHE, S. et al. EPO-independent functional EPO receptor in breast cancer enhances estrogen receptor activity and promotes cell proliferation. In *Biochemical and Biophysical Research Communications*, 2014, vol. 445, no. 1, s. 163-169.

[1] (2014) SUSZYNSKA, M. et al. Expression of the erythropoietin receptor by germline-derived cells - Further support for a potential developmental link between the germline and hematopoiesis. In *Journal of Ovarian Research*, 2014, vol. 7, no. 1, art.no. 66.

[1] (2015) JIN, Wen et al. Effects and mechanism of recombinant human erythropoietin on the growth of human breast cancer MDA-MB-231 cells in nude mice. In *Pathology Research and Practice*, 2015, vol. 211, no. 8, s. 570-576

[1] (2017) VAZGUEZ-MELLADO, M. J. et al. Erythropoietin, Stem Cell Factor, and Cancer Cell Migration. In *Vitamins and Hormones*, 2017, vol. 105, s. 273-296

[1] (2020) LIU, W. et al. Erythropoietin Signaling in the Microenvironment of Tumors and Healthy Tissues. In *Advances in Experimental Medicine and Biology*, 2020, roč. 1223, s. 17-30.

Kategórie ohlasov od roku 2022: (1)

[1] (2024) ALYAMANY, Ruah - ALNUGHMUSH, Ahmed - ALZAHIRANI, Hazzaa - ALFAYEZ, Mansour. Let It Grow: The Role of Growth Factors in Managing Chemotherapy-Induced Cytopenia. In *Current Oncology*, 2024, roč. 31, č. 12, s. 8094-8109.

SSEP 013254

ADC Cyclic chalcone analogue KRP6 as a potent modulator of cell proliferation: an in vitro study in

22 HUVECs / Lenka Ivanová ... [et al.]. - Projekt: Iné granty domáce SEPO II ITMS 26220120039. In: *Molecular biology reports*. - ISSN 0301-4851. - Roč. 40, č. 7 (2013), s. 4571-4580. Projekt: MŠ SR - APVV 0325-07 - APVV 0325-07 ; Sieť excelentných pracovísk pre onkológiu - ITMS ITMS 26220120039 ; PRVOUK 27-1. 10.1007/s11033-013-2547-x DOI;DOI; CCC; SCOPUS; WOS; 2013 SNIP=0,855; 2013 SJR=0,715; 2013 CiteScore=3,7; 2013 IF=1,958; 2013 Q3(Biochemistry & molecular biology) JCR

[OV 180];

[IVANOVÁ, Lenka (Autor, 30%) - VARINSKÁ, Lenka (Autor, 30%) - BAGO PILÁTOVÁ, Martina (Autor, 5%) - GÁL, Peter (Autor, 5%) - SOLÁR, Peter (Autor, 5%) - PERJÉSI, Pál (Autor, 5%) - SMETANA, Karel ml. (Autor, 5%) - OSTRÓ, Alexander (Autor, 5%) - MOJŽIŠ, Ján (Autor, 10%)]

Kategórie ohlasov do roku 2021: (7)

[1] (2015) ABBAS, A., KALSOOM, S., BEN HADDA, T., NASEER, M.M. Evaluation of 4-alkoxychalcones as a new class of antiglycating agents: a combined experimental and docking study. In *Research on Chemical Intermediates*, 2015, vol. 41, no. 9, s. 6443-6462.

[1] (2015) BASAVARAJAPPA, H.D. et al. Synthesis and Biological Evaluation of Novel Homoisoflavonoids for Retinal Neovascularization. In *Journal of Medicinal Chemistry*, 2015, vol.

58, no. 12, s. 5015-5027.

[1] (2015) EMAMI, S., GHANBARIMASIR, Z. Recent advances of chroman-4-one derivatives: Synthetic approaches and bioactivities. In *European Journal of Medicinal Chemistry*, 2015, vol. 93, s. 539-563

[1] (2017) CAGIR, A. et al. Evaluation of multifunctional hybrid analogs for stilbenes, chalcones and flavanones. In *Anti-Cancer Agents in Medicinal Chemistry*, 2017, vol. 17, no. 14, s. 1915-1923.

[1] (2020) CHEN, J., LIU, C.-F., RAO, G.-W. Progress in the synthesis, angiogenesis activity and mechanism of chalcone derivatives. In *Mini-Reviews in Organic Chemistry*, 2020, vol. 17, no. 7, s. 814-827.

[1] (2020) KAVIARASAN, L. et al. Molecular docking studies and synthesis of a new class of chroman-4-one fused 1,3,4-thiadiazole derivatives and evaluation for their anticancer potential. In *Journal of the Iranian Chemical Society*, 2020, roč. 17, č. 8, s. 2083-2094.

[1] (2020) SCARCELLO E., LISON D. Are Fe-based stenting materials biocompatible? A critical review of in vitro and in vivo studies. In *Journal of Functional Biomaterials*, 2020, vol. 11, no. 1, art. no. 11010002.

Kategórie ohlasov od roku 2022: (1)

[1] (2022) KAMBOJ, S., SINGH, R. Chromanone-A Prerogative Therapeutic Scaffold: An Overview. In *Arabian Journal for Science and Engineering*, 2022, roč. 47, č. 1, s. 75-111.

MSEP 023374

ADC Human erythropoietin increases the pro-angiogenic potential of A2780 ovarian adenocarcinoma cells under hypoxic conditions / Ján Kriška ... [et al.]. - VVCE 0001-07. - LPP 0062-09.

23 In: *Oncology Reports*. - ISSN 1021-335X. - Roč. 30, č. 3 (2013), s. 1455-1462. Projekt: VEGA 1/0296/09 ; Typizácia ľudského erytropoetínového receptora v nádorovej a normálnej bunke - VEGA 1/0733/12. CCC; SCOPUS; WOS; 2013 SJR=0,982; 2013 CiteScore=3,5; 2013 SNIP=0,725; **2013 IF=2,191; 2013 Q3(Oncology) JCR; 2013 Q3(Cancer research) Scimago; 2013 Q1(Medicine (miscellaneous)) Scimago; 2013 Q2(Oncology) Scimago**

[OV 180];

[KRIŠKA, Ján (Autor, 10%) - SOLÁR, Peter (Autor, 40%) - VARINSKÁ, Lenka (Autor, 15%) - SOLÁROVÁ, Zuzana (Autor, 15%) - KIMÁKOVÁ, Patrícia (Autor, 5%) - MOJŽIŠ, Ján (Autor, 5%) - FEDOROČKO, Peter (Autor, 5%) - SYTKOWSKI, Arthur (Autor, 5%)]

Kategórie ohlasov do roku 2021: (4)

[1] (2014) MILLS, I.G. Maintaining and reprogramming genomic androgen receptor activity in prostate cancer. In *Nature Reviews Cancer*, 2014, vol. 14, no. 3, s. 187-198.

[1] (2016) YU, D., JIANG, L., ZHU, L. Mechanisms for erythropoietin's neovascularization promotion. In *Journal of Nanoscience and Nanotechnology*, 2016, vol. 16, no. 9, s. 9371-9380.

[1] (2016) YU, D., JIANG, L., ZHU, L. The mechanisms for erythropoietin's neovascularization promotion. In *Journal of Nanoscience and Nanotechnology*, 2016, vol. 16, no. 12, s. 12124-12133

[1] (2020) KLEMBBA, A. et al. Hypoxia-mediated decrease of ovarian cancer cells reaction to treatment: Significance for chemo-and immunotherapies. In *International Journal of Molecular Sciences*, 2020, vol. 21, no. 24, art. no. 9492, s. 1-31.

SSEP 014289

ADC Relation between expression pattern of wild-type p53 and multidrug resistance proteins in human nephroblastomas / I. Hodorová... [et al.].

24 In: *Acta Histochemica : a journal of structural biochemistry*. - ISSN 0065-1281. - Roč. 115, č. 3 (2013), s. 273-278. Projekt: Analýza expresie proteínov liekovej rezistencie a polymorfizmov ich génov so vzťahom k prognóze a terapii karcinómu pľúc - VEGA 1/0224/12 ; Vplyv podávania dvoch rôznych dávok deprenylu na reprodukčné parametre samcov potkana - VEGA 1/0928/11 ; Štúdium polymorfizmov génov a expresia proteínov ovplyvňujúcich prognózu a terapiu obličkového adenokarcinómu a nefroblastómu - VEGA 1/0925/11. 10.1016/j.acthis.2012.08.001 DOI;DOI; CCC; SCOPUS; WOS;

2013 SJR=0,644; 2013 CiteScore=3; 2013 SNIP=0,768; **2013 IF=1,760; 2013 Q4(Cell biology) JCR**

[OV 180];

[HODOROVÁ, Ingrid (Autor, 50%) - RYBÁROVÁ, Silvia (Autor, 10%) - VECANOVÁ, Janka

(Autor, 10%) - SOLÁR, Peter (Autor, 10%) - PLANK, Lukáš (Autor, 10%) - MIHALIK, Jozef (Autor, 10%)]

Kategórie ohlasov do roku 2021: (9)

[1] (2013) MAO, Z.-L. et al. Adenovirus-mediated ING4 expression reduces multidrug resistance of human gastric carcinoma cells in vitro and in vivo. In *Oncology Reports*, 2013, vol. 30, no. 5, s. 2187-2194.

[1] (2016) FRUCI, D. et al. Drug transporters and multiple drug resistance in the most common pediatric solid tumors. In *Current Drug Metabolism*, 2016, vol. 17, no. 4, s. 308-316.

[1] (2016) LIU, B., HONG, B., WANG, X., YANG, Y., CHEN, T. Prognostic value of p53 expression in childhood nephroblastoma: A meta-analysis. In *International Journal of Clinical and Experimental Medicine*, 2016, vol. 9, no. 3, s. 5499-5507.

[1] (2016) WINCEWICS, A. et al. Review of prognostic and predictive aspects of mutated TP53 in wilms' tumor biology with morphological report and molecular analysis of 37-year-old man's nephroblastoma. In *Polish Journal of Pathology*, 2016, vol. 67, no. 4, s. 307-312

[1] (2016) XIE, Q. et al. Synergistic anticancer effect of exogenous wild-type p53 gene combined with 5-FU in human colon cancer resistant to 5-FU in vivo. In *World Journal of Gastroenterology*, 2016, vol. 22, no. 32, s. 7342-7352

[1] (2017) HONTECILLAS-PRIETO, L. et al. Multidrug resistance transporter profile reveals MDR3 as a marker for stratification of blastemal Wilms tumour patients. In *Oncotarget*, 2017, vol. 8, no. 7, s. 11173-11186

[1] (2017) ZHU, Y. S. et al. Molecular typing markers of wilms tumor in children: A research progress. In *Academic Journal of Second Military Medical University*, 2017, vol. 38, no. 12, s. 1543-1548

[1] (2018) ZHANG, W.W. The First Approved Gene Therapy Product for Cancer Ad-p53 (Gendicine): 12 Years in the Clinic. In *Human Gene Therapy*, 2018, vol. 29, no. 2, s. 160-179

[1] (2019) SHAH, N. et al. Dodging the bullet: therapeutic resistance mechanisms in pediatric cancers. In *Cancer Drug Resistance*, 2019, vol. 2, no. 3, s. 428-446

Kategórie ohlasov od roku 2022: (1)

[1] (2024) WU, M.Y. et al. Assessment of chemotherapy resistance changes in human colorectal cancer xenografts in rats based on MRI histogram features. *Frontiers in Oncology*, 2024, vol. 14, 1301649

MSEP 022113

ADC Hsp90 inhibitor as a sensitizer of cancer cells to different therapies / Zuzana Solárová, Ján Mojžiš, Peter Solár..

25 In: *International Journal of Oncology=IJO*. - ISSN 1019-6439. - Roč. 46, č. 3 (2015), s. 907-926. Projekt: Typizácia ľudského erytropoetínového receptora v nádorovej a normálnej bunke - VEGA 1/0733/12. CCC; SCOPUS; WOS;

2015 SJR=1,283; 2015 CiteScore=5,7; 2015 SNIP=0,932; **2015 IF=3,018; 2015 Q2(Oncology) JCR**

[OV 180];

[SOLÁROVÁ, Zuzana (Autor, 75%) - MOJŽIŠ, Ján (Autor, 15%) - SOLÁR, Peter (Autor, 10%)]

Kategórie ohlasov do roku 2021: (49)

[1] (2015) HUO, Q. et al. Biosynthesis of novel glucosides geldanamycin analogs by enzymatic synthesis. In *Journal of Microbiology and Biotechnology*, 2015, vol. 26, no. 1, s. 56-60.

[1] (2015) SCHWARTZ, H. et al. Combined HSP90 and kinase inhibitor therapy: Insights from The Cancer Genome Atlas. In *Cell Stress and Chaperones*, 2015, vol. 20, no. 5, s. 729-741

[1] (2016) KASPERKIEWICZ, M. et al. Epidermolysis bullosa acquisita: From pathophysiology to novel therapeutic options. In *Journal of Investigative Dermatology*, 2016, vol. 136, no. 1, s. 24-33.

[1] (2016) LIU, M.-P. et al. Sanguisorba officinalis L synergistically enhanced 5-fluorouracil cytotoxicity in colorectal cancer cells by promoting a reactive oxygen species-mediated, mitochondria-caspase-dependent apoptotic pathway. In *Scientific Reports*, 2016, vol. 6, art. no. 34245.

[1] (2016) LIU, Q. et al. Inhibition of HSP90 Promotes Neural Stem Cell Survival from Oxidative Stress through Attenuating NF-B/p65 Activation. In *Oxidative Medicine and Cellular Longevity*, 2016, vol. 2016, art. no. 3507290.

- [1] (2016) REUTHER, G.W. Myeloproliferative Neoplasms: Molecular Drivers and Therapeutics. In *Progress in Molecular Biology and Translational Science*, 2016, vol. 144, s. 437-484
- [1] (2016) SHI, X., KIESMAN, W.F., WALKER, D.G. Development of Hsp90 Inhibitors for the Treatment of HER-2 Positive Solid Cancers. In *ACS Symposium Series*, 2016, vol. 1239, s. 69-100
- [1] (2016) SINGH, A., PURI, D., KUMAR, B., SINGH, S.K. Heat shock proteins: Knowledge so far and its future prospects. In *Asian Journal of Pharmaceutical and Clinical Research*, 2016, vol. 9, s. 17-24.
- [1] (2016) WANG, M. et al. Development of Heat Shock Protein (Hsp90) Inhibitors to Combat Resistance to Tyrosine Kinase Inhibitors through Hsp90-Kinase Interactions. In *Journal of Medicinal Chemistry*, 2016, vol. 59, no. 12, s. 5563-5586.
- [1] (2016) WANG, Y.Q. et al. Targeting Hsp90 with FS-108 circumvents gefitinib resistance in EGFR mutant non-small cell lung cancer cells. In *Acta Pharmacologica Sinica*, 2016, vol. 37, no. 12, s. 1587-1596
- [1] (2016) WITTE, M. et al. Discovering potential drug-targets for personalized treatment of autoimmune disorders - what we learn from epidermolysis bullosa acquisita. In *Expert Opinion on Therapeutic Targets*, 2016, vol. 20, no. 8, s. 985-998
- [1] (2017) ANIGHORO, A. et al. Heat shock protein 90 and serine/threonine kinase B-Raf inhibitors have overlapping chemical space. In *RSC Advances*, 2017, vol. 7, no. 49, s. 31069-31074
- [1] (2017) BELALCAZAR, A. et al. Inhibiting heat shock protein 90 and the ubiquitin-proteasome pathway impairs metabolic homeostasis and leads to cell death in human pancreatic cancer cells. In *Cancer*, 2017, vol. 123, no. 24, s. 4924-4933
- [1] (2017) CHOI, B. et al. Sensitization of lung cancer cells by altered dimerization of HSP27. In *Oncotarget*, 2017, vol. 8, no. 62, s. 105372-105382.
- [1] (2017) GRANER, A.N. et al. HSP90 inhibitors in the context of heat shock and the unfolded protein response: effects on a primary canine pulmonary adenocarcinoma cell line*. In *International Journal of Hyperthermia*, vol. 33, no. 3, s. 303-317
- [1] (2017) LETTINI, G. et al. TRAP1: a viable therapeutic target for future cancer treatments? In *Expert Opinion on Therapeutic Targets*, 2017, vol. 21, no. 8, s. 805-815.
- [1] (2017) PAWAR, M. et al. FAS apoptotic inhibitory molecule 2 is a stress-induced intrinsic neuroprotective factor in the retina. In *Cell Death and Differentiation*, 2017, vol. 24, no. 1), s. 1799-1810
- [1] (2017) SHAH, A. et al. Detecting human melanoma cell re-differentiation following BRAF or heat shock protein 90 inhibition using photoacoustic and magnetic resonance imaging. In *Scientific Reports*, 2017, vol. 7, no. 1, art. no. 8215
- [1] (2017) WANG, X. et al. Improved PKS Gene Expression With Strong Endogenous Promoter Resulted in Geldanamycin Yield Increase. In *Biotechnology Journal*, 2017, vol. 12, no. 11, 1700321
- [1] (2017) YAMADA-KANAZAWA, S. et al. Inhibition of heat shock protein 90 exerts an antitumour effect in angiosarcoma: involvement of the vascular endothelial growth factor signalling pathway. In *British Journal of Dermatology*, vol. 177, no. 2, s. 456-469
- [1] (2017) ZHAO, X. et al. Effects of 17-allylamino-17-demethoxygeldanamycin on the induction of apoptosis and cell cycle arrest in HCT-116 cells. In *Oncology Letters*, 2017, vol. 14, no. 2, s. 2177-2185
- [1] (2018) XIE, J.L. et al. Mutations, protein homeostasis, and epigenetic control of genome integrity. In *DNA Repair*, 2018, vol. 71, s. 23-32
- [1] (2019) CHATTERJEE, B.K. et al. Stimulation of heat shock protein 90 chaperone function through binding of a novobiocin analog KU-32. In *Journal of Biological Chemistry*, 2019, vol. 294, no. 16, s. 6450-6467.
- [1] (2019) D'AMBOLA, M. et al. Fusicoccane Diterpenes from *Hypoestes forsskaolii* as Heat Shock Protein 90 (Hsp90) Modulators. In *Journal of Natural Products*, 2019, vol. 82, no. 3, s. 539-549.
- [1] (2019) D'ORAZI, G., CIRONE, M. Mutant p53 and cellular stress pathways: A criminal alliance that promotes cancer progression. In *Cancers*, 2019, vol. 11, no. 5, art. no. 614.
- [1] (2019) GILARDINI MONTANI, M.S. et al. Mutant P53, stabilized by its interplay with HSP90, activates a positive feed-back loop between NRF2 and P62 that induces chemo-resistance to apigenin in pancreatic cancer cells. In *Cancers*, 2019, vol. 11, no. 5, art. no. 703.

- [1] (2019) KANG, R., TANG, D. Heat shock proteins: Endogenous modulators of ferroptosis. In TANG, D. (ed.) *Ferroptosis in health and disease*. Springer International, 2019. ISBN 978-303026780-3. S. 61-81.
- [1] (2019) KIM, H.S. et al. Investigation of B,C-ring truncated deguelin derivatives as heat shock protein 90 (HSP90) inhibitors for use as anti-breast cancer agents. In *Bioorganic and Medicinal Chemistry*, 2019, vol. 27, no. 7, s. 1370-1381.
- [1] (2019) KOSINSKY, R.L. et al. USP22-dependent HSP90AB1 expression promotes resistance to HSP90 inhibition in mammary and colorectal cancer. In *Cell Death and Disease*, 2019, vol. 10, no. 12, art. no. 911.
- [1] (2019) LIU, F. et al. Clinical and biological significances of heat shock protein 90 (Hsp90) in human nasopharyngeal carcinoma cells and anti-cancer effects of Hsp90 inhibitor. In *Biomedicine and Pharmacotherapy*, 2019, vol. 120, art. no. 109533.
- [1] (2019) MARTIN, J.F., RAMOS, A., LIRAS, P. Regulation of geldanamycin biosynthesis by cluster-situated transcription factors and the master regulator PhoP. In *Antibiotics*, 2019, vol. 8, no. 3, art. no. 87.
- [1] (2019) MIZUNO, T. et al. Development of Orthogonal Linear Separation Analysis (OLSA) to Decompose Drug Effects into Basic Components. In *Scientific Reports*, 2019, vol. 9, no. 1, art. no. 1824.
- [1] (2019) QIN, L. et al. Biological characteristics of heat shock protein 90 in human liver cancer cells. In *American Journal of Translational Research*, 2019, vol. 11, no. 4, s. 2477-2483.
- [1] (2019) ZHU, H.-Q., GAO, F.-H. Regulatory molecules and corresponding processes of BCR-ABL protein degradation. In *Journal of Cancer*, 2019, vol. 10, no. 11, s. 2488-2500.
- [1] (2020) ASHRAFIZADEH, M. et al. Apigenin as Tumor Suppressor in Cancers: Biotherapeutic Activity, Nanodelivery, and Mechanisms With Emphasis on Pancreatic Cancer. In *Frontiers in Chemistry*, 2020, vol. 8, art. no. 829.
- [1] (2020) EL-SHAFFEY, H.W. et al. Quinazoline Based HSP90 Inhibitors: Synthesis, Modeling Study and ADME Calculations Towards Breast Cancer Targeting. In *Bioorganic and Medicinal Chemistry Letters*, 2020, vol. 30, no. 15, art. no. 127281.
- [1] (2020) JAIN, S. et al. Anticancer s-triazine derivatives: A synthetic attribute. In *Mini-Reviews in Organic Chemistry*, 2020, vol. 17, no. 8, s. 904-921.
- [1] (2020) KUMAR, P. et al. Hsp90 facilitates acquired drug resistance of tumor cells through cholesterol modulation however independent of tumor progression. In *Biochimica et Biophysica Acta - Molecular Cell Research*, 2020, vol. 1867, no. 8, art. no. 118728.
- [1] (2020) MIELCZAREK-LEWANDOWSKA, A., HARTMAN, M.L., CZYZ, M. Inhibitors of HSP90 in melanoma. In *Apoptosis*, 2020, roč. 25, č. 1-2, s. 12-28.
- [1] (2020) SUBRAMANIAN, C. et al. Novel C-terminal heat shock protein 90 inhibitors target breast cancer stem cells and block migration, self-renewal, and epithelial-mesenchymal transition. In *Molecular Oncology*, 2020, roč. 14, č. 9, s. 2058-2068.
- [1] (2020) XU, X. et al. Systems pharmacology in combination with proteomics reveals underlying mechanisms of Xihuang pill against triple-negative breast cancer. In *Bioengineered*, 2020, roč. 11, č. 1, s. 1170-1188.
- [1] (2021) ABOU-SERI, S.M. et al. Synthesis, in vitro anticancer activity and in silico studies of certain isoxazole-based carboxamides, ureates, and hydrazones as potential inhibitors of VEGFR2. In *Bioorganic Chemistry*, 2021, vol. 116, art. no. 105334.
- [1] (2021) DEBELE, T.A. et al. Transferrin modified gsh sensitive hyaluronic acid derivative micelle to deliver hsp90 inhibitors to enhance the therapeutic efficacy of brain cancers. In *Cancers*, 2021, vol. 13, no. 10, art. no. 2375.
- [1] (2021) GARCIA-ALVAREZ, A., HERNANDO CUBERO, J., CAPDEVILA, J. Drug Development in Neuroendocrine Tumors: What Is on the Horizon? In *Current Treatment Options in Oncology*, 2021, roč. 22, č. 5, art. no. 43.
- [1] (2021) KONDO, T. et al. Effects of a combined treatment regimen consisting of Hsp90 inhibitor DS-2248 and radiation in vitro and in a tumor mouse model. In *Translational Cancer Research*, 2021, vol. 10, no. 6, s. 2767-2776.
- [1] (2021) LIU, Y.-M. et al. Ring-opening of five-membered heterocycles conjugated 4-isopropylresorcinol scaffold-based benzamides as HSP90 inhibitors suppressing tumor growth in vitro and in vivo. In *European Journal of Medicinal Chemistry*, 2021, vol. 219, art. no. 113428.
- [1] (2021) McCOMBS, J.R. et al. Antibody-drug conjugate and free geldanamycin combination

therapy enhances anti-cancer efficacy. In *International Journal of Pharmaceutics*, 2021, vol. 610, art. no. 121272

[1] (2021) SHERIN, D.R., MANOJKUMAR, T.K. Exploring the selectivity of guanine scaffold in anticancer drug development by computational repurposing approach. In *Scientific Reports*, 2021, vol. 11, no. 1, art. no. 16251.

[1] (2021) ZAVAREH, R.B. et al. HSP90 Inhibition Enhances Cancer Immunotherapy by Modulating the Surface Expression of Multiple Immune Checkpoint Proteins. In *Cell Chemical Biology*, 2021, roč. 28, č. 2, s. 158-168.e5.

Kategórie ohlasov od roku 2022: (22)

[1] (2022) BACKE, S.J. et al. Emerging Link between Tsc1 and FNIP Co-Chaperones of Hsp90 and Cancer. In *Biomolecules*, 2022, vol. 12, no. 7, art. no. 928

[1] (2022) BONANNI, D. et al. Dual Targeting Strategies on Histone Deacetylase 6 (HDAC6) and Heat Shock Protein 90 (Hsp90). In *Current Medicinal Chemistry*, 2022, vol. 29, no. 9, s. 1474-1502

[1] (2022) KATAGIRI, S. et al. Mutated KIT Tyrosine Kinase as a Novel Molecular Target in Acute Myeloid Leukemia. In *International Journal of Molecular Sciences*, 2022, roč. 23, č. 9, art. no. 4694.

[1] (2022) KUSUMAWARDANI, B., TANIA, L., NUGRAHA, A.S. Anti-proliferative and Apoptotic Activities of Kasturi Tobacco (*Nicotiana tabacum* L.) Leaf Resinoid on Cervical Cancer Cell. In *Indonesian Biomedical Journal*, 2022, vol. 14, no. 4, s. 401-409

[1] (2022) MATHIEU, C. et al. Synthesis and antiproliferative activity of 6BrCaQ-TPP conjugates for targeting the mitochondrial heat shock protein TRAP1. In *European Journal of Medicinal Chemistry*, 2022, vol. 229, art. no. 114052

[1] (2022) SUMI, M.P., GHOSH, A. Hsp90 in Human Diseases: Molecular Mechanisms to Therapeutic Approaches. In *Cells*, 2022, roč. 11, č. 6, art. no. 976.

[1] (2022) SUNDAR, S.V. et al. The lonidamine derivative H2-gamendazole reduces cyst formation in polycystic kidney disease. In *American Journal of Physiology - Renal Physiology*, 2022, roč. 323, č. 4, s. F492-F506.

[1] (2022) THOMPSON, B.H. et al. 1 Cellular protein TTC4 and its cofactor HSP90 are pro-viral for bovine herpesvirus 1. In *Virus Research*, 2022, vol. 321, art. no. 198927

[1] (2022) TUSTUMI, F. et al. The Role of the Heat-Shock Proteins in Esophagogastric Cancer. In *Cells*, 2022, roč. 11, č. 17, art. no. 2664.

[1] (2022) YANG, M. et al. Design, synthesis, biological evaluation and molecular docking study of 2,4-diarylimidazoles and 2,4-bis(benzyloxy)-5-arylpyrimidines as novel HSP90 N-terminal inhibitors. In *Journal of Enzyme Inhibition and Medicinal Chemistry*, 2022, vol. 37, no. 1, s. 2551-2565

[1] (2022) ZHU, X. et al. Cascade-responsive nano-assembly for efficient photothermal-chemo synergistic inhibition of tumor metastasis by targeting cancer stem cells. In *Biomaterials*, 2022, vol. 280, art. no. 121305

[1] (2023) CHOWDHURY, S.R. et al. Association of Hsp90 with p53 and Fizzy related homolog (Fzr) synchronizing Anaphase Promoting Complex (APC/C): An unexplored ally towards oncogenic pathway. In *Biochimica et Biophysica Acta - Reviews on Cancer*, Vol. 1878, no. 3, art. no. 188883.

[1] (2023) LIU, Y. et al. Ligand-based pharmacophore modelling, structure optimisation, and biological evaluation for the identification of 2-heteroarylthio-N-arylacetamides as novel HSP90 C-terminal inhibitors. In *Journal of Enzyme Inhibition and Medicinal Chemistry*, 2023, vol. 39, no. 1, art. no. 2290912

[1] (2023) NISHIKAWA, S., IWAKUMA, T. Drugs Targeting p53 Mutations with FDA Approval and in Clinical Trials. In *Cancers*, 2023, vol. 15, no. 2, art. no. 429

[1] (2023) SU, M. et al. Benzo(a)pyrene regulates chaperone-mediated autophagy via heat shock protein 90. In *Toxicology Letters*, 2023, vol. 383, s. 121-127

[1] (2023) TESANOVIC PERKOVIC, D., BUKVIC MOKOS, Z., MARINOVIC, B. Epidermolysis Bullosa Acquisita—Current and Emerging Treatments. In *Journal of Clinical Medicine*, 2023, vol. 12, no. 3, art. no. 1139

[1] (2023) ZHANG, A. et al. Heat shock protein 90 C-terminal inhibitor PNSA promotes anticancer immunology of CD8⁺ T cells. In *International Immunopharmacology*, 2023, vol. 121, art. no. 110471

- [1] (2024) LIU, Yajun - LI, Chenyao - LI, Yajing - ZHANG, Shuming - ZHANG, Ning - BIAN, Xiaobo - TAN, Shutao. Ligand-based pharmacophore modelling, structure optimisation, and biological evaluation for the identification of 2-heteroarylthio-*N*-arylacetamides as novel HSP90 C-terminal inhibitors. In *Journal of Enzyme Inhibition and Medicinal Chemistry*, 2024, roč. 39, č. 1.
- [1] (2024) SABER, Sameh - ABDELHADY, Rasha - ELHEMELY, Mai A. - ELMORSY, Elsayed A. - HAMAD, Rabab S. - ABDEL-REHEIM, Mustafa Ahmed - EL-KOTT, Attalla F. - ALSHEHRI, Mohammed A. - MORSY, Kareem - ALSHERI, Ali S. - YOUSSEF, Mahmoud E.. PU-H71 (NSC 750424): a molecular masterpiece that targets HSP90 in cancer and beyond. In *Frontiers in pharmacology*, 2024, roč. 15, art. no. 1475998
- [1] (2024) SUN, L. et al. XQZ3, a *Chlorella pyrenoidosa* polysaccharide suppresses cancer progression by restraining mitochondrial bioenergetics via HSP90/AKT signaling pathway. In *International Journal of Biological Macromolecules*, 2024, vol. 264, art. no. 130705
- [1] (2024) WEI, H. et al. Heat shock protein 90: biological functions, diseases, and therapeutic targets. In *MedComm*, 2024, vol. 5, no. 2, art. no. e470.
- [1] (2025) YU, Hongyang - LI, Jinyang - PENG, Shiyin - LIU, Qin - CHEN, Dongfeng - HE, Zongsheng - XIANG, Junyu - WANG, Bin. Tumor microenvironment: Nurturing cancer cells for immunoevasion and druggable vulnerabilities for cancer immunotherapy. In *Cancer Letters*, 2025, č. 611, art. no. 217385

MSEP 025833

ADC The effect of R(-)-deprenyl administration on reproductive parameters of rat males / Jozef Mihalik
26 ... [et al.]..

In: *European Journal of Pharmacology*. - ISSN 0014-2999. - č. 754 (2015), s. 148-152. Projekt: Iné granty zahraničné Štrukturálny fond EÚ ITMS 26220120058 ; Vplyv podávania dvoch rôznych dávok deprenylu na reprodukčné parametre samcov potkana - VEGA 1/0928/11 ; Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15 ; Štúdium mechanizmu vzniku aneurizmu hrudnej aorty v dôsledku regulačných zmien signálnej dráhy TGF-1 β - VEGA 1/0115/14 ; Analýza exprese proteínov liekovej rezistencie a polymorfizmov ich génov so vzťahom k prognóze a terapii karcinómu pľúc - VEGA 1/0224/12 ; 19/GSD/2012 ; 4/GSS/2013. CCC; SCOPUS; WOS;
2015 SJR=1,122; 2015 CiteScore=4,6; 2015 SNIP=1,018; 2015 IF=2,730; 2015

Q2(Pharmacology & pharmacy) JCR

[OV 180, 200]; [SO 4318]

[MIHALIK, Jozef (Autor, 45%) - MAŠLANKOVÁ, Jana (Autor, 15%) - SOLÁR, Peter (Autor, 5%) - HORVÁTHOVÁ, Františka (Autor, 5%) - HUBKOVÁ, Beáta (Autor, 5%) - ALMÁŠIOVÁ, Viera (Autor, 5%) - ŠOLTÉS, Ján (Autor, 5%) - ŠVAŇA, Martin (Autor, 5%) - RYBÁROVÁ, Silvia (Autor, 5%) - HODOROVÁ, Ingrid (Autor, 5%)]

Kategórie ohlasov do roku 2021: (9)

- [1] (2016) KALÁSZ, H. et al. Pharmacokinetics of selegiline in a rabbit model. In *Letters in Drug Design and Discovery*, 2016, vol. 13, no. 8, 1s. 752-756.
- [1] (2017) DUAN, P. et al. 4-Nonylphenol induces disruption of spermatogenesis associated with oxidative stress-related apoptosis by targeting p53-Bcl-2/Bax-Fas/FasL signaling. In *Environmental Toxicology*, 2017, vol. 32, no. 3, s. 739-753.
- [1] (2017) KALASZ, H. et al. Monitoring the level of ¹⁴C-labelled selegiline following oral administration. In *Open Medicinal Chemistry Journal*, 2017, vol. 11, s. 1-8.
- [1] (2017) NIKFAR, A. et al. Anti-apoptotic effect of selegiline as monoamine oxidase inhibitor on rat hippocampus derived neural stem cells in oxidative stress condition. In *Journal of Zanjan University of Medical Sciences and Health Services*, 2017, vol. 25, no. 111, s. 41-56.
- [1] (2018) CORTÉS-RODRIGUEZ, M., et al. Sperm count and motility are quantitatively affected by functional polymorphisms of HTR2A, MAOA and SLC18A. In *Reproductive BioMedicine Online*, 2018, vol. 36, no. 5, s. 560-567.
- [1] (2018) KALASZ, H. et al. Effects on sperms' quality of selegiline in aged rats. In *Open Medicinal Chemistry Journal*, vol. 11, s. 138-145.
- [1] (2020) BEEDER, L.A., SAMPLASKI, M.K. Effect of antidepressant medications on semen parameters and male fertility. In *International Journal of Urology*, 2020, vol. 27, no. 1, s. 39-46.
- [1] (2021) IJAZ, M.U., TAHIR, A., SAMAD, A., ANWAR, H. Nobiletin ameliorates nonylphenol-

induced testicular damage by improving biochemical, steroidogenic, hormonal, spermatogenic, apoptotic and histological profile. In *Human and Experimental Toxicology*, 2021, roč. 40, č. 3, s. 403-416.

[1] (2021) IJAZ, M.U. et al. Protective effect of myricetin on nonylphenol-induced testicular toxicity: biochemical, steroidogenic, hormonal, spermatogenic, and histological-based evidences. In *Environmental Science and Pollution Research*, 2021, vol. 28, no. 18, s. 22742-22757

Kategórie ohlasov od roku 2022: (9)

[1] (2022) GORI, P. et al. Role of Medicinal Plants in Combating Anti-depressant Induced Male Infertility. In *Current Traditional Medicine*, 2022, roč. 8, č. 4, art. no. e210322202479.

[1] (2023) IJAZ, M.U. et al. Evaluation of possible attenuative role of chrysoeriol against polyethylene microplastics instigated testicular damage: A biochemical, spermatogenic and histological study. In *Food and Chemical Toxicology*, 2023, vol. 180, art. no. 114043.

[1] (2023) IJAZ, M.U. et al. Mechanistic insight into the protective effects of fisetin against arsenic-induced reproductive toxicity in male rats. In *Scientific Reports*, 2023, vol. 13, no. 1, art. no. 3080

[1] (2023) IJAZ, M.U. et al. Sciadopitysin mitigates spermatological and testicular damage instigated by paraquat administration in male albino rats. *Scientific Reports*, 2023, vol. 13. no. 1, art. no. 19753

[1] (2024) IJAZ, Muhammad Umar - ALVI, Kaynat - HAMZA, Ali - ANWAR, Haseeb - AL-GHANIM, Khalid A. - RIAZ, Mian Nadeem. Curative effects of tectochrysin on paraquat-instigated testicular toxicity in rats: A biochemical and histopathological based study. In *Heliyon*, 2024, roč. 10, č. 3.

[1] (2024) MOLAYOUSEFIAN, Inas - KARIM, Bardia - HOSSEINI, Seyed Mohammad - MOGHADAMNIA, Ali Akbar - KAZEMI, Sohrab. Kaempferol alleviates bisphenol A reproductive toxicity in rats in a dose-dependent manner. In *Biochemical and biophysical research communications*, 2024, č. 704.

[1] (2024) SARKAR, Swarnabha - DONTAM, Aditya - REVAND, Ravindran - KANDPAL, Abhishek - DASGUPTA, Debabrata - RAY, Bahni - KUMAR, Mayank - PATIL, Asmita. Whole-body exposure to filtered fraction of diesel exhaust induced localized testicular damage through attenuated functional response of glutathione-s-transferase in adult male Wistar rats. In *Reproductive toxicology*, 2024, roč. 129, art. no. 108682

[1] (2026) HAMZA, Ali - BATOOL, Moazama - SALAR, Muhammad Zaid - HAMDI, Hamida. Amentoflavone alleviates nonylphenol-induced testicular damage through regulating Nrf-2/Keap-1, steroidogenic, hormonal, and histological profile in albino rats. In *Steroids*, 2026, č. 229, art. no. 109768

[1] (2026) SARKAR, Swarnabha - DONTAM, Aditya - REVAND, Ravindran - KANDPAL, Abhishek - DASGUPTA, Debabrata - RAY, Bahni - KUMAR, Mayank - PATIL, Asmita. Filtered diesel exhaust via whole body exposure disrupts male reproductive function through dysregulated endocrine axis and subdued testicular GSTs in juvenile Wistar rats. In *Environmental Toxicology and Pharmacology*, 2026, roč. 121.

MSEP 026012

ADC 27 Murine breast carcinoma 4T1 cells are more sensitive to atranorin than normal epithelial NMuMG cells in vitro: anticancer and hepatoprotective effects of atranorin in vivo / Peter Solár ... [et al.]..

In: *Chemico-Biological Interactions : a Journal of Molecular, Cellular and Biochemical Toxicology*. - ISSN 0009-2797. - č. 250 (2016), s. 27-37. Projekt: Erythropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15 ; VEGA 2/0150/13. CCC; SCOPUS; WOS; 2016 SJR=1,029; 2016 CiteScore=5; 2016 SNIP=1,088; **2016 IF=3,143**; **2016 Q2(Biochemistry & molecular biology) JCR**; 2016 Q2(Pharmacology & pharmacy) JCR; 2016 Q2(Toxicology) JCR; 2016 Q1(Medicine (miscellaneous)) Scimago; 2016 Q2(Toxicology) Scimago [OV 180];

[**SOLÁR, Peter** (Autor, 20%) - HRČKOVÁ, Gabriela (Autor, 25%) - KOPTAŠIKOVÁ, Lenka (Autor, 20%) - VELEBNÝ, Samuel (Autor, 5%) - SOLÁROVÁ, Zuzana (Autor, 25%) - BAČKOR, Martin (Autor, 5%)]

Kategórie ohlasov do roku 2021: (8)

[1] (2017) DEMEČKOVÁ, V. et al. Immodin and its immune system supportive role in paclitaxel

- therapy of 4T1 mouse breast cancer. In *Biomedicine and Pharmacotherapy*, 2017, vol. 89, s. 245-256.
- [1] (2017) STUDZIŃSKA-SROKA, E., GALANTY, A., BYLKA, W. Atranorin – An interesting lichen secondary metabolite. In *Mini-Reviews in Medicinal Chemistry*, 2017, vol. 17, no. 17, s. 1633-1645.
- [1] (2018) ROHILLA, S., BHATT, D.C. Significance of hepatoprotective liver specific targeted drug delivery: A review on novel herbal and formulation approaches in the management of hepatotoxicity. In *Current Drug Targets*, 2018, vol. 19, no. 13, s. 1519-1549.
- [1] (2019) CIMMINO, A. et al. Have lichenized fungi delivered promising anticancer small molecules? In *Phytochemistry Reviews Volume*, 2019, vol. 18, no. 1.
- [1] (2019) SAHIN, E. et al. Cytotoxic, apoptotic and cell migration inhibitory effects of atranorin on SPC212 mesothelioma cells. In *Asian Pacific Journal of Tropical Biomedicine*, 2019, vol. 9, no. 7, s. 299-306.
- [1] (2020) MOHAMMADI, M. et al. Lichenochemicals: extraction, purification, characterization, and application as potential anticancer agents. In *Expert Opinion on Drug Discovery*, 2020, roč. 15, č. 5, s. 575-601.
- [1] (2020) SHENDGE, A.K. et al. A tropical lichen, *Dirinaria consimilis* selectively induces apoptosis in MCF-7 cells through the regulation of p53 and caspase-cascade pathway. In *Anti-Cancer Agents in Medicinal Chemistry*, 2020, vol. 20, no. 10, s. 1173-1187.
- [1] (2021) POPOVIC, V. et al. In vitro anticancer activity and oxidative stress biomarkers status determined by *usnea barbata* (L.) f.h. wigg. dry extracts. In *Antioxidants*, 2021, vol. 10, no. 7, art. no. 1141
- Kategórie ohlasov od roku 2022: (10)
- [1] (2022) POPOVIC, V. et al. Antioxidant, Cytotoxic, and Rheological Properties of Canola Oil Extract of *Usnea barbata* (L.) Weber ex F.H. Wigg from Călimani Mountains, Romania. In *Plants*, 2022, vol. 11, no. 7, art. no. 854.
- [1] (2022) SIMKO, P. et al. Biochemical Properties of Atranorin-Induced Behavioral and Systematic Changes of Laboratory Rats. In *Life*, 2022, vol. 12, no. 7, art. no. 1090
- [1] (2023) de LIRA, M.A.C. et al. Assessment of Cytotoxic/Antitumour Potential and in silico Study of Salazinic Acid Isolated from *Parmotrema concurrens*. In *Anti-Cancer Agents in Medicinal Chemistry*, 2023, vol. 23, no. 12, s. 1469-1481
- [1] (2023) KUMARI, A. et al. Assessment of In-Vitro Culture as a Sustainable and Eco-friendly Approach of Propagating Lichens and Their Constituent Organisms for Bioprospecting Applications. In *Biotechnology in Environmental Remediation*. Wiley, 2023. ISBN 978-352783906-3, s. 129-154
- [1] (2023) MATVEYENKAU, M.V., KHRAMCHANKOVA, V.M. Cytotoxic and Photosensitizing Properties of Lichen Extracts in Relation to the Human Tumor Cell Line (MCF-7). In *Biology Bulletin*, 2023, vol. 50, no. 11, pp. 3035-3045
- [1] (2023) URENA-VACAS, I. et al. Lichen Depsides and Tridepsides: Progress in Pharmacological Approaches. In *Journal of Fungi*, 2023, vol. 9, no. 1, art. no. 116
- [1] (2024) NUGRAHA, Ari Satia - LAM, Thi Hai Yen - WONGSO, Hendris - FIRLI, Lilla Nur - KELLER, Paul A.. Lichens: A Source of Anticancer Drugs. In *Chemistry, Biology and Pharmacology of Lichen*. Londýn : John Wiley & Sons, 2024. ISBN 9781394190706, S. 193-229.
- [1] (2025) ALMURAIKHI, Nihal - ALMASABI, Saleh Hussain A. - ALHAZMI, Abdulfattah Y. - ALMOHAMMED, Abdulrahman - BARNAWI, Jameel - ALGHAMDI, Salah - ALHAZMI, Khalid. Effects of atranorin on the proliferation, apoptosis and metastasis of two different gastric cancer cell lines and exploring underlying mechanisms. In *Molecular biology reports*, 2025, roč. 53, č. 1.
- [1] (2025) MURUGESAN, Balasubramanian - RATHINAVEL, Thirumalaisamy - KUMAR, R. Selva - GOMATHI, M. - MAHESWARI, Shanmugavel Uma - AMEER, Kalandar - AL-ANSARI, Mysoon M. - SERALATHAN, Kamala Kannan - SELVANKUMAR, Thangaswamy. Atranorin from lichens act as potential inhibitor for cervical tumor proteins TGFbeta and kinase enzyme CDK4/CyclinD3: An anti-cancer intervention therapy. In *International journal of biological macromolecules*, 2025, č. 320.
- [1] (2026) MAPARI, Sachin V. - GAIKWAD, Subhash B. - SUTAR, Ruchira R. - PATIL, Ravindra M. - BEHERA, Bhaskar C.. From Symbiosis to Cytotoxicity: Biosynthesis, Molecular

- ADC The effect of R-(-)-deprenyl administration on antioxidant enzymes in rat testis / Františka
28 Horváthová ... [et al.].
In: European Journal of Pharmacology. - ISSN 0014-2999. - č. 788 (2016), s. 21-28. Projekt: Vplyv podávania dvoch rôznych dávok deprenylu na reprodukčné parametre samcov potkana - VEGA 1/0928/11 ; Erythropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15 ; Vplyv cytostatickej liečby na dynamiku exprese faktorov spôsobujúcich liekovú rezistenciu u experimentálne navodeného karcinómu mliečnej žľazy - VEGA 1/0204/16. CCC; SCOPUS; WOS;
2016 SJR=1,09; 2016 CiteScore=5,3; 2016 SNIP=0,942; **2016 IF=2,896; 2016 Q2(Pharmacology & pharmacy) JCR**
[OV 180];
[HORVÁTHOVÁ, Františka (Autor, 40%) - DANIELISOVÁ, Viera (Autor, 3%) - DOMORÁKOVÁ, Iveta (Autor, 5%) - SOLÁR, Peter (Autor, 2%) - RYBÁROVÁ, Silvia (Autor, 10%) - HODOROVÁ, Ingrid (Autor, 10%) - MIHALIK, Jozef (Autor, 30%)]
Kategórie ohlasov do roku 2021: (3)
[1] (2016) IZADPANAH, E. et al. Effect of selegiline on liver cholestasis induced by bile duct ligation in rat. In Scientific Journal of Kurdistan University of Medical Sciences, 2016, vol. 21, no. 5, s. 20-30
[1] (2017) BAUTISTA, C.J. et al. Maternal obesity in the rat impairs male offspring aging of the testicular antioxidant defence system. In Reproduction, Fertility and Development, 2017, vol. 29, no. 10, s. 1950-1957
[1] (2018) KALASZ, H. et al. Effects on sperms' quality of selegiline in aged rats. In Open Medicinal Chemistry Journal, vol. 11, s. 138-145

- ADC Antineoplastic effects of clove buds (*Syzygium aromaticum* L.) in the model of breast carcinoma /
29 P. Kubatka ... [et al.].
In: Journal of Cellular and Molecular Medicine. - ISSN 1582-1838. - Roč. 21, č. 11 (2017), s. 2837-2851. Projekt: Hodnotenie protinádorových účinkov rastlinných funkčných potravín v modeli rakoviny prsníka - VEGA 1/0108/16 ; Protinádorový účinok prírodných látok: zameranie na angiogézu - APVV APVV-0325-07 ; Genotypizácia s využitím SSR markerov a príprava farmaceuticky aktívnych profilov viničových odrôd - APVV APVV-0550-11 ; Identifikácia biomarkerov asociovaných s rezistenciou na chemoterapiu u testikulárných nádorov z germinatívnych buniek - APVV APVV-0016-11 ; Molekulové mechanizmy antiproliferatívneho účinku chalkónov u nádorov mliečnej žľazy: in vitro štúdia - VEGA 1/0018/16 ; Reparačné proteíny (mismatch repair proteins) a survivin v patogenéze kolorektálneho karcinómu - VEGA 1/0129/16 ; MiRNA - asociované génové polymorfizmy a voľná cirkulujúca miRNA v patogenéze preeklampsie ako potenciálne neinvazívne biomarkery - VEGA 1/0102/15 ; Dobudovanie Centra excelentnosti pre perinatologický výskum (CEPV II) - ITMS ITMS 26220120036 ; Komplexná analýza látok prírodného pôvodu s terapeutickým potenciálom v humánnej medicíne - VEGA 1/0290/16 ; Erythropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15 ; Molekulové mechanizmy vplyvu statínov na inhibíciu, proliferáciu a diferenciáciu vybraných kmeňových a nádorových buniek a ich aplikácia v regeneračnej medicíne - APVV APVV-15-0217. 10.1111/jcmm.13197 DOI;DOI; CCC; SCOPUS; WOS;
2017 IF=4,302; 2017 SJR=1,647; 2017 CiteScore=7,7; 2017 SNIP=1,104; 2017 Q2(Cell biology) JCR; **2017 Q1(Medicine, research & experimental) JCR**
[OV 180];
[KUBATKA, Peter (Autor, 18%) - URAMOVÁ, Soňa (Autor, 10%) - KELLO, Martin (Autor, 14%) - KAJO, Karol (Autor, 5%) - KRUŽLIAK, Peter (Autor, 5%) - MOJŽIŠ, Ján (Autor, 5%) - VÝBOHOVÁ, Desanka (Autor, 5%) - ADAMKOV, Marian (Autor, 5%) - JAŠEK, Karin (Autor, 4%) - LASABOVÁ, Zora (Autor, 4%) - ŽÚBOR, Pavol (Autor, 4%) - BITTNER FIALOVÁ, Silvia (Autor, 4%) - DOKUPILOVÁ, Svetlana (Autor, 3%) - SOLÁR, Peter (Autor,

3%) - PÉČ, Martin (Autor, 3%) - ADAMICOVÁ, Katarína (Autor, 3%) - DANKO, Ján (Autor, 3%) - ADAMEK, Mariusz (Autor, 1%) - BÜSSELBERG, Dietrich (Autor, 1%)]

Kategórie ohlasov do roku 2021: (5)

[1] (2018) ABOTALEB, M. Chemotherapeutic agents for the treatment of metastatic breast cancer: An update. In *Biomedicine and Pharmacotherapy*, 2018, vol. 101, s. 458-477

[1] (2018) LIU, M. et al. Active fraction of clove induces apoptosis via PI3K/Akt/mTOR-mediated autophagy in human colorectal cancer HCT-116 cells. In *International journal of oncology*, 2018, vol. 53, no. 3, s. 1363-1373

[1] (2018) VARGHESE, E. et al. The “Yin and Yang” of natural compounds in anticancer therapy of triple-negative breast cancers. In *Cancers*, 2018, vol. 10, no. 10, art. no. 346.

[1] (2018) VARGHESE, E. et al. Triptolide decreases cell proliferation and induces cell death in triple negative MDA-MB-231 breast cancer cells. In *Biomolecules*, 2018, vol. 8, no. 4, art. no. 163.

[1] (2019) GALDO, R. et al. Role of Hedgehog Signaling in Breast Cancer: Pathogenesis and Therapeutics. *Cells*, 2019, vol. 8, no. 4, s. 375.

Kategórie ohlasov od roku 2022: (69)

[1] (2017) LIU, Hui - JING, Xibo - DONG, Aiqiao - BAI, Baobao - WANG, Haiyan. Overexpression of TIMP3 Protects Against Cardiac Ischemia/Reperfusion Injury by Inhibiting Myocardial Apoptosis Through ROS/Mapks Pathway. In *Cellular physiology and biochemistry*, 2017, roč. 44, č. 3, s. 1011-1023.

[1] (2018) LU, Guanming - LI, Yueyong - MA, Yanfei - LU, Jinlan - CHEN, Yongcheng - JIANG, Qiulan - QIN, Qiang - ZHAO, Lifeng - HUANG, Qianfang - LUO, Zhizhai - HUANG, Shiqing - WEI, Zhongheng. Long noncoding RNA LINC00511 contributes to breast cancer tumorigenesis and stemness by inducing the miR-185-3p/E2F1/Nanog axis. In *Journal of experimental & clinical cancer research*, 2018, roč. 37, č. 1, art. no. 289

[1] (2018) MINGHUA, Liu - ZHAO, Ge - DAN, Zhang - WEIXIAO, An - HONGLIN, Lai - XIAOFANG, Li - SHOUSONG, Cao - XIUKUN, Lin. Active fraction of clove induces apoptosis via PI3K/Akt/mTOR-mediated autophagy in human colorectal cancer HCT-116 cells. In *International Journal of Oncology*, 2018, roč. 53, č. 3, s. 1363-1373.

[1] (2018) SHI, Junfeng - CHEN, Yi - CHEN, Wenxing - TANG, Cuiju - ZHANG, Honghong - CHEN, Yuetong - YANG, Xiuwei - XU, Zhi - WEI, Jingsun - CHEN, Jinfei. Isobavachalcone sensitizes cells to E2-induced paclitaxel resistance by down-regulating CD44 expression in ER+ breast cancer cells. In *Journal of Cellular and Molecular Medicine*, 2018, roč. 22, č. 11, s. 5220-5230.

[1] (2019) CHUA, Lee Kee - LIM, Chooi Ling - LING, Anna Pick Kiong - CHYE, Soi Moi - KOH, Rhun Yian. Anticancer Potential of Syzygium Species: a Review. In *Plant foods for human nutrition*, 2019, roč. 74, č. 1, s. 18-27.

[1] (2019) GIUDICE, Aldo - BARBIERI, Antonio - BIMONTE, Sabrina - CASCELLA, Marco - CUOMO, Arturo - CRISPO, Anna - D'ARENA, Giovanni - GALDIERO, Massimiliano - PEPA, Maria Elena Della - BOTTI, Gerardo - CARAGLIA, Michele - CAPUNZO, Mario - ARRA, Claudio - MONTELLA, Maurizio. Dissecting the prevention of estrogen-dependent breast carcinogenesis through Nrf2-dependent and independent mechanisms. In *OncoTargets and Therapy* [online] 2019, roč. 12, s. 4937-4953. Dostupné na internete <<https://www.dovepress.com/getfile.php?fileID=50683>>

[1] (2019) RIOBO-DEL GALDO, Natalia A. - LARA MONTERO, Angela - WERTHEIMER, Eva V.. Role of Hedgehog Signaling in Breast Cancer: Pathogenesis and Therapeutics. In *Cells*, 2019, roč. 8, č. 4, art. no. 375

[1] (2019) SAIWAL, Nidhi - DAHIYA, Mandeep - DUREJA, Harish. Nutraceutical insight into vegetables and their potential for nutrition mediated healthcare. In *Current Nutrition & Food Science*, 2019, roč. 15, č. 5, s. 441-453.

[1] (2020) ALUGOJU, Phaniendra - CHAITANYA, Nysadham S.N. - KRISHNA SWAMY, V. K.D. - KANCHARLA, Pavan Kumar. Phytotherapy for breast cancer. In *A Theranostic and Precision Medicine Approach for Female-Specific Cancers*. Amsterdam : Elsevier, 2020. ISBN 9780128220092, S. 129-163.

[1] (2020) CARADONNA, Fabio - CONSIGLIO, Ornella - LUPARELLO, Claudio - GENTILE, Carla. Science and healthy meals in the world: Nutritional epigenomics and nutrigenetics of the mediterranean diet. In *Nutrients*, 2020, roč. 12, č. 6, s. 1-23, art. no. 1748

[1] (2020) HAKIMI, Fatemeh - CHOOPANI, Rasool - ASGHARI, Majid - NAMDAR, Hasan -

- PARSA, Elham - JAFARI, Parisa - MOVAHHED, Mina. A historical review of persian medicine studies into saliva manifestations for potential applications for diagnosis and management of metabolic syndrome. In *Endocrine, metabolic & immune disorders drug targets*, 2020, roč. 20, č. 2, s. 182-188.
- [1] (2020) NIRMALA, M. Joyce - DURAI, Latha - GOPAKUMAR, Vineet - NAGARAJAN, Ramamurthy. Preparation of celery essential oil-based nanoemulsion by ultrasonication and evaluation of its potential anticancer and antibacterial activity. In *International Journal of Nanomedicine*, 2020, roč. 15, s. 7651-7666.
- [1] (2020) VAN THOAI, Dinh - NGUYEN, Dinh Trung - DANG, Le Hang - NGUYEN, Ngoc Hao - NGUYEN, Van Toan - DOAN, Phuong - NGUYEN, Bich Tram - LE VAN THU, - TUNG, Nguyen Ngoc - QUYEN, Tran Ngoc. Lipophilic effect of various pluronic-grafted gelatin copolymers on the quercetin delivery efficiency in these self-assembly nanogels. In *Journal of Polymer Research*, 2020, roč. 27, č. 12, č. článku 369
- [1] (2020) WANG, Xue Jun - CHEN, Jin Yang - FU, Luo Qin - YAN, Mei Juan. Recent advances in natural therapeutic approaches for the treatment of cancer. In *Journal of chemotherapy*, 2020, roč. 32, č. 2, s. 53-65.
- [1] (2020) WARDANA, Andika P. - AMINAH, Nanik S. - FAHMI, Mochamad Z. - KRISTANTI, Alfinda N. - ZAHRAH, Haninda I. - TAKAYA, Yoshiaki - CHOUDHARY, M. Iqbal. Nanoencapsulation of syzygium polycephalum extract using folate modified κ -carrageenan as vehicles for pronounced anticancer activity. In *Tropical journal of natural product research*, 2020, roč. 4, č. 11, s. 945-952.
- [1] (2021) AZHAGUMEENA, Chandrasekaran - PADMA, Palghat Ragunathan. A review on the therapeutic role of Piper betle, Syzygium aromaticum and their bioactive component eugenol in cancer research. In *Israel Journal of Plant Sciences*, 2021, roč. 18, č. 2, s. 1-12.
- [1] (2021) DEENA, Priscilla H. - JASMINE, R.. MCF-7 cells - A model towards breakthrough in breast cancer therapy. In *Horizons in Cancer Research*. Volume 81. Hauppauge : NOVA Science Publishers, 2021. ISBN 9781536199307, s. 119-145.
- [1] (2021) IDOWU, Solomon - ADEKOYA, Ademola Ezekiel - IGIEHON, Oluwakemi Osarumwense - IDOWU, Anthony Temitope. Clove (*Syzygium aromaticum*) spices: a review on their bioactivities, current use, and potential application in dairy products. In *Journal of food measurement and characterization*, 2021, roč. 15, č. 4, s. 3419-3435.
- [1] (2021) KAMMATH, Adithya J. - NAIR, Bhagyalakshmi - SREELEKSHMI, P. - NATH, Lekshmi R.. Curry versus cancer: Potential of some selected culinary spices against cancer with in vitro, in vivo, and human trials evidences. In *Journal of Food Biochemistry*, 2021, roč. 45, č. 3.
- [1] (2021) MENG, Linglei - ZHANG, Yongting - LI, Demao - SHANG, Xinfang - HAO, Xuejia - CHEN, Xin - GAO, Fengxiao. TIMP3 attenuates cerebral ischemia/reperfusion-induced apoptosis and oxidative stress in neurocytes by regulating the AKT pathway. In *Experimental and Therapeutic Medicine*, 2021, roč. 22, č. 3, art. no. 973
- [1] (2021) TAMBE, E. - GOTMARE, S.. A review of extraction methods, geographic variation in chemical composition and identification of marker compounds in bud, leaf and stem clove oil. In *Research Journal of Chemistry and Environment*, 2021, roč. 25, č. 12, s. 149-169.
- [1] (2021) TEIBO, John Oluwafemi - AYINDE, Kehinde Sulaimon - OLAOBA, Olamide Tosin - ADELUSI, Temitope Isaac - TEIBO, Titilade Kehinde Ayandeyi - BAMIKUNLE, Makinde Victor - JIMOH, Yomade Ayodeji - ALGHAMDI, Saad - ABDULAZIZ, Osama - RAUF, Abdur - EL-SABER BATIHA, Gaber. Functional foods' bioactive components and their chemoprevention mechanism in cervical, breast, and liver cancers: A systematic review. In *Functional foods in health and disease*, 2021, roč. 11, č. 11, s. 559-585.
- [1] (2021) VEKARIA, Mrudul - TIRGAR, Pravin. Promising Anticancer Potential of Herbal Compounds against Breast Cancer: A Systemic Review. In *Asian journal of pharmaceutical research and health care*, 2021, roč. 13, č. 2, s. 202-218.
- [1] (2021) WU, Di - JIA, Hongyao - ZHANG, Zhiru - LI, Sijie. STAT3-induced HLA-F-AS1 promotes cell proliferation and stemness characteristics in triple negative breast cancer cells by upregulating TRABD. In *Bioorganic chemistry*, 2021, roč. 109, art. no. 104722
- [1] (2022) AGRAWAL, Manas Yogendra - GAIKWAD, Shreyas - SRIVASTAVA, Sangeeta - SRIVASTAVA, Sanjay K.. Research Trend and Detailed Insights into the Molecular Mechanisms of Food Bioactive Compounds against Cancer: A Comprehensive Review with Special Emphasis on Probiotics. In *Cancers*, 2022, roč. 14, č. 22, art. no. 5482

- [1] (2022) ANDRIJAUSKAITE, K., WARGOVICH, M.J. Role of natural products in breast cancer related symptomology: Targeting chronic inflammation. In *Seminars in Cancer Biology*, 2022, vol. 80, s. 370-378
- [1] (2022) ANDRIJAUSKAITE, Kristina - WARGOVICH, Michael J.. Role of natural products in breast cancer related symptomology: Targeting chronic inflammation. In *Seminars in Cancer Biology*, 2022, roč. 80, s. 370-378.
- [1] (2022) GANESAN, Kumar - DU, Bing - CHEN, Jianping. Effects and mechanisms of dietary bioactive compounds on breast cancer prevention. In *Pharmacological research*, 2022, č. 178, art. no. 105974
- [1] (2022) HAASBROEK, Kyle - YAGI, Masayuki - YONEI, Yoshikazu. Staphylococcus aureus Biofilm Inhibiting Activity of Advanced Glycation Endproduct Crosslink Breaking and Glycation Inhibiting Compounds. In *Antibiotics*, 2022, roč. 11, č. 10, art. no. 1412
- [1] (2022) KAPLAN, A. The nanocomposites designs of phytomolecules from medicinal and aromatic plants: promising anticancer-antiviral applications. In *Beni-Suef University Journal of Basic and Applied Sciences*, 2022, vol. 11, no. 1, art. no. 17.
- [1] (2022) KAPLAN, Ayse. The nanocomposites designs of phytomolecules from medicinal and aromatic plants: promising anticancer-antiviral applications. In *Beni-Suef University journal of basic and applied sciences*, 2022, roč. 11, č. 1, art. no. 17
- [1] (2022) KARAMAN, K., KAPLAN, M. Composition and functionality of clove (*Syzygium aromaticum*) extracts. In RAMADAN, M.F. (ed.) *Clove (Syzygium aromaticum): Chemistry, Functionality and Applications*. Elsevier, 2022. ISBN 9780323851770. S. 585-606.
- [1] (2022) KARAMAN, Kevser - KAPLAN, Mahmut. Composition and functionality of clove (*Syzygium aromaticum*) extracts. In *Clove (Syzygium aromaticum): Chemistry, Functionality and Applications*. San Diego : Elsevier, 2022. ISBN 9780323851770, ISBN 9780323885515, S. 585-606.
- [1] (2022) LI, Y. et al. Chemical Compositions of Clove (*Syzygium aromaticum* (L.) Merr. & L.) Extracts and Their Potentials in Suppressing SARS-CoV-2 Spike Protein-ACE2 Binding, Inhibiting ACE2, and Scavenging Free Radicals. In *Journal of Agricultural and Food Chemistry*, 2022, roč. 70, č. 45, s. 14403-14413.
- [1] (2022) LI, Yanfang - LIU, Zhihao - ZENG, Melody - EL KADIRI, Alem - HUANG, Jhongyan - KIM, Ashley - HE, Xiaohua - SUN, Jianghao - CHEN, Pei - WANG, Thomas T.Y. - ZHANG, Yaqiong - GAO, Boyan - XIE, Zhuohong - YU, Liangli Lucy. Chemical Compositions of Clove (*Syzygium aromaticum* (L.) Merr. & L.) Extracts and Their Potentials in Suppressing SARS-CoV-2 Spike Protein-ACE2 Binding, Inhibiting ACE2, and Scavenging Free Radicals. In *Journal of agricultural and food chemistry*, 2022, roč. 70, č. 45, s. 14403-14413.
- [1] (2022) NÚBIA ALVES MARIANO, Teixeira Pires Gomides - GERMANO GUARIM, Neto - MARCOS PEREIRA, Martins - LUCILIA, Kato - VANESSA GISELE, Pasqualotto Severino. Ethnobotanical and ethnopharmacological survey of medicinal species utilized in the Coqueiros Community, Brazils. In *Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromáticas*, 2022, roč. 21, č. 6, s. 671-715.
- [1] (2022) OTUNOLA, Gloria Aderonke. Culinary Spices in Food and Medicine: An Overview of *Syzygium aromaticum* (L.) Merr. and L. M. Perry [Myrtaceae]. In *Frontiers in Pharmacology*, 2022, roč. 12, č. 1, art. no. 793200
- [1] (2022) TOMAS, A. - MAROYI, A. - CHEIKHYOUSSEF, Natascha - HUSSEIN, Ahmed A. - CHEIKHYOUSSEF, Ahmad. Health-promoting activities of clove (*Syzygium aromaticum*) extracts. In *Clove (Syzygium aromaticum): Chemistry, Functionality and Applications*. San Diego : Elsevier, 2022. ISBN 9780323851770, ISBN 9780323885515, S. 619-637.
- [1] (2022) YU, Zhi Hao - CAO, Mei - WANG, Yuan Xiao - YAN, Shi Ying - QING, Li Ting - WU, Cheng Meng - LI, Shu - LI, Tian Yi - CHEN, Qian - ZHAO, Jian. Urolithin A Attenuates *Helicobacter pylori*-Induced Damage in Vivo. In *Journal of agricultural and food chemistry*, 2022, roč. 70, č. 38, s. 11981-11993.
- [1] (2023) BODDUPALLI, Bindu Madhavi - RAMANI, Ramalingam - MUNG'OMA, Michael - MURAGA, Margaret - ANISETTI, Ravinder Nath - NEMALA, Appalaraju. Common Edible Essential oils with strong potential against Breast Cancer and their Mechanisms. In *Research Journal of Pharmacy and Technology*, 2023, roč. 16, č. 1, s. 477-480.
- [1] (2023) GENGATHARAN, Ashwini - RAHIM, Muhamad Hafiz Abd. The application of clove extracts as a potential functional component in active food packaging materials and model food

- systems: A mini-review. In *Applied food research*, 2023, roč. 3, č. 1, art. no. 100283
- [1] (2023) IBRAHIM, E. H. - ALSHAHRANI, M. Y. - GHRAH, H. A. - EL-KOTT, Attalla F. - KILANY, M. - MORSY, K. - TAHA, R. - EL-MANSI, A. A. - SAYED, M. A. - CHANDRAMOORTHY, H. C. - AHMED, A. E. - ALOTHAID, H. - KHAN, K. A. - ELDIB, A. M.. IMMUNOMODULATORY AND ANTI-CANCER POTENTIAL OF CLOVES (*SYZYGIUM AROMATICUM*) BUD EXTRACT AND ITS PHYTOGENIC SILVER NANOPARTICLES. In *Journal of Physiology and Pharmacology*, 2023, roč. 74, č. 5, s. 577-586.
- [1] (2023) LAXMI, Aishwarya - GARG, Sourbh Suren - SINGH, Arnika - PRABHAKAR, Pranav Kumar - GUPTA, Jeena. Histone Modifying Potential of Dietary Phytochemicals: Implications in Treating Breast Cancer. In *Current Pharmacology Reports*, 2023, roč. 9, č. 6, s. 489-510.
- [1] (2023) OTEYOLA, Ayodeji Ojo - PILLA, Raffaele - OLA-OLADIMEJI, Folasade Adesola - FAGBUARO, Omotayo - DE AVILA, Daiana Silva - ALIMBA, Chibuisi Gideon - JORGE, Erika Cristina - DE ALMEIDA, Fernanda R.C.L.. Roles of phytochemical agents in the prevention of primary cancer. In *Natural Products as Cancer Therapeutics*. Hershey : IGI Global, 2023. ISBN 9798369307052, ISBN 9798369307038, S. 230-253.
- [1] (2023) SUSATIA, Budi - RAHMAN, Nur - ADELINA, Rany. Potential Bioactive Components of Manisrejo Leaf Extract Downregulate MDA and Upregulate Monocytes in Rabbits. In *Current Nutrition & Food Science*, 2023, roč. 19, č. 9, s. 978-985.
- [1] (2023) YAN, Hui - NEVES, Marina D.G. - WISE, Barry M. - MORAES, Ingrid A. - BARBIN, Douglas F. - SIESLER, Heinz W.. The Application of Handheld Near-Infrared Spectroscopy and Raman Spectroscopic Imaging for the Identification and Quality Control of Food Products. In *Molecules*, 2023, roč. 28, č. 23, art. no. 7891
- [1] (2024) BARAKAT, Hassan - ALRUGAIBAH, Mohammed. Health benefits. In *Compendium of Clove: Navigating Agriculture, Chemistry, Processing, and Health Benefits*. London : Taylor & Francis Group, 2024. ISBN 9781040266229, S. 242-260.
- [1] (2024) BARRIENTOS-BONILLA, Abril Alondra - PENSADO-GUEVARA, Paola Belem - PUGA-OLGUÍN, Abraham - NADELLA, Rasajna - SÁNCHEZ-GARCÍA, Aurora del Carmen - ZAVALA-FLORES, Laura Mireya - VILLANUEVA-OLIVO, Arnulfo - CIBRIÁN-LLANDERAL, Iliana Tamara - ROVIROSA-HERNÁNDEZ, María de Jesús - HERNANDEZ-BALTAZAR, Daniel. BrdU does not induce hepatocellular damage in experimental Wistar rats. In *Acta Histochemica*, 2024, roč. 126, č. 1, art. no. 152117
- [1] (2024) GOMAA, Soha - NASSEF, Mohamed - EL-NAGGAR, Randa - MASSOUD, Ahmed - EL-KHOLY, Mona. Anti-tumoral Immunity and Chemo-preventive Effectiveness of Herbal Extracts of Curcumin, Ginger, Clove and Amygdaline in Ehrlich Ascites Carcinoma-Challenging Mice. In *Anti-cancer agents in medicinal chemistry*, 2024, roč. 24, č. 11, s. 826-835.
- [1] (2024) HE, Ruimin - LIU, Yifan - FU, Weijie - HE, Xuan - LIU, Shuang - XIAO, Desheng - TAO, Yongguang. Mechanisms and cross-talk of regulated cell death and their epigenetic modifications in tumor progression. In *Molecular Cancer*, 2024, roč. 23, č. 1.
- [1] (2024) IDOWU, Anthony Temitope. A precise spice. In *Compendium of Clove: Navigating Agriculture, Chemistry, Processing, and Health Benefits*. London : Taylor & Francis Group, 2024. ISBN 9781040266229, S. 1-27.
- [1] (2024) TUNGARE, Kanchanlata - BHORI, Mustansir - PATIL, Swaroopa Amit - IYER, Pooja - JAGTAP, Namdev - KADAM, Aayushi - VIJAYAKUMA, Sekar. Clove Buds (*Syzygium aromaticum*). In *Medicinal Spice and Condiment Crops*. Londýn : Taylor & Francis Group, 2024. ISBN 9781040005170, S. 200-224.
- [1] (2025) ALI, Md Liakot - NOUSHIN, Fabiha - SADIA, Qurratul Ain - METU, Afroz Fathema - MEEM, Jannatul Naima - CHOWDHURY, Md Tanvir - RASEL, Md Hossain - SUMA, Khurshida Jahan - ALIM, Md Abdul - JALIL, Muhammad Abdul - MAMUN, Md Jahirul Islam - HASAN, Md Mahmudul - HOQUE, Neamul - AZME, Eva. Spices and culinary herbs for the prevention and treatment of breast cancer: A comprehensive review with mechanistic insights. In *Cancer Pathogenesis and Therapy*, 2025, roč. 3, č. 3, s. 197-214.
- [1] (2025) ALMATROODI, Saleh A.. Clove bud extract inhibits glycation of bovine serum albumin: Insights from in vitro and molecular dynamics simulation analysis. In *Functional foods in health and disease* [online] 2025, roč. 15, č. 11, s. 818-840. Dostupné na internete <<https://www.ffhdj.com/index.php/ffhd/article/view/1762>>
- [1] (2025) DORNA, Dawid - GRABOWSKA, Adriana - PALUSZCZAK, Jarosław. Natural products modulating epigenetic mechanisms by affecting histone methylation/demethylation:

- Targeting cancer cells. In British Journal of Pharmacology, 2025, roč. 182, č. 10, s. 2137-2158.
- [1] (2025) HASHIM, Ghyda Murad - SHAHGOLZARI, Mehdi - HEFFERON, Kathleen - YAVARI, Afagh - VENKATARAMAN, Srividhya. Plant-Derived Anti-Cancer Therapeutics and Biopharmaceuticals. In Bioengineering [online] 2025, roč. 12, č. 1, art. no. 7.
- [1] (2025) NADAR, Annie Princy - SELLAPPAN, Krishnan. The Genus Syzygium Gaertn. - A Phytochemically-Enriched Reservoir for the Bioengineering of Nanostructures and its Role in Nanofabrication. In International Journal of Pharmaceutical Sciences and Nanotechnology, 2025, roč. 18, č. 2, s. 7968-7990.
- [1] (2025) WANG, Xu Dong - BAI, Jia Li - MA, Zhen Jia - FAN, Jie - KONG, Wei Bao - WANG, Jun Long - ZHANG, Ji - LIANG, Jun Yu. Antibacterial Activity of Essential Oils from Clove and Elsholtzia Plants Against Common Pathogens of Bovine Mastitis, Antioxidant Activity, and Toxicity to Bovine Mammary Epithelial Cells. In Current Microbiology, 2025, roč. 82, č. 8, art. no. 359
- [1] (2025) WU, Houman - SI, Fuchun. Research progress on traditional Chinese medicine against breast cancer through histone acetylation modifications. In Chinese Traditional and Herbal Drugs, 2025, roč. 56, č. 13, s. 4890-4901.
- [1] (2026) CHANDRA, Shamyugta - VEERARAGHAVAN, Vishnu Priya - WOON, Choy Ker - SIRASANAGANDLA, Srinivasa Rao - JAYARAMAN, Selvaraj. Mechanistic Overview on Therapeutic Potential of Phenols Targeting the Breast Cancer: Molecular Insights and Future Road to Drug Design. In Natural Products Journal, 2026, roč. 16, č. 4, art. no. e22103155351726
- [1] (2026) CHEBAIBI, Mohamed - EL ABDALI, Youness - ELRHERABI, Amal - METOUKEKEL, Amira - AGOUR, Abdelkrim - BOUBACAR, Adamou - CHEBAIBI, Salah-Eddine - ALLALI, Aimad - EL MOUSSAOUI, Abdelfattah - HOUMMANI, Hasnae - BOUSTA, Dalila - ACHOUR, Sanae. Integrated in vitro and computational assessment of *Syzygium aromaticum* polyphenolic extract: bioactivities and toxicity profiling. In Scientific African [online] 2026, roč. 31, art. no. e03245. Dostupné na internete <https://www.sciencedirect.com/science/article/pii/S2468227626000694?pes=vor&utm_source=clarivate&getft_integrator=clarivate>
- [1] (2026) ELATTAR, Ahmed H. - ELSHOPAKEY, Gehad E. - EL-KHADRAGY, Manal F. - MONEIM, Ahmed E. Abdel - ABDALLA, Mohga S. - ESSAWY, Ehab A. - HUSSEIN, Manal M.. Green-synthesized silver nanoparticles from Syzygium aromaticum extract promote cancer cell death by targeting redox and inflammatory pathways. In Open Chemistry [online] 2026, roč. 24, č. 1, art. no. 20250232. Dostupné na internete <<https://www.degruyterbrill.com/document/doi/10.1515/chem-2025-0232/html>>
- [1] (2026) HOROZIC, E. - MARCETIC, M. - ZDRAVKOVIC, M. - TASIC, G. - GREKULOVIC, V. - MEKIC, L. - HUSEINOVIC, E. - DEDIC, J. - CIPURKOVIC, S. - SEHIC, M.. Antioxidant and Antibacterial Activity of Essential Oil of Syzygium aromaticum (L.) Merr. & L. M. Perry and its Application as Eco-Friendly Copper Corrosion Inhibitor. In Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 2026, č. 66, s. 57-66.
- [1] (2026) MUNTEAN, Emilia Daliana - LAZĂR, Daniela Cornelia - PAH, Ana Maria - BANCUI, Christian - CHIRIAC, Sorin Dan - BOANTĂ, Iasmina Denisa - MUNTEAN, Florin - BLIDIŞEL, Iulian Alexandru - DRĂGHICI, George Andrei - JIPA, Radu. Synergistic Interactions Between Medicinal Plant Bioactive and Standard Chemotherapy in Gastric Cancer: Preclinical Evidence and Translational Pitfalls. In Biomedicines, 2026, roč. 14, č. 4, art. no. 947
- [2] (2018) SHAHIDI, Feriedoon. Bioactives in spices, and spice oleoresins : Phytochemicals and their beneficial effects in food preservation and health promotion. In Journal of Food Bioactives, 2018, roč. 3, s. 8-75.
- [2] (2019) MOHIUDDIN, Abdul. Complementary and Alternative Treatments for Cancer Prevention and Cure (Part 1). In Journal of Experimental and Clinical Toxicology, 2019, roč. 1, č. 2, s. 17-106.
- [2] (2021) AZHAGUMEENA, C. - PADMA, P. R. - SUMATHI, S.. EFFECT OF PIPER BETLE LEAF EXTRACT AND SYZYGIIUM AROMATICUM FLOWER EXTRACT AND THEIR ACTIVE COMPONENT EUGENOL ON THE SURVIVAL OF LUNG ADENOCARCINOMA CELLS (A549). In International journal of pharmaceutical sciences and research, 2021, roč. 12, č. 4, s. 2349-2360.
- [2] (2023) QIN, Zhenwei - LIAO, Dezhong. Research Progress on Antitumor Effects of Active Components of Clove. In Advances in Clinical Medicine, 2023, roč. 13, č. 4, s. 6826-6834.

[2] (2024) HE, Ruimin - LIU, Yifan - FU, Weijie - HE, Xuan - LIU, Shuang - XIAO, Desheng - TAO, Yongguang. Mechanisms and cross-talk of regulated cell death and their epigenetic modifications in tumor progression. In *Molecular Cancer*, 2024, roč. 23, č. 1, art. no. 267

MSEP 029116

ADC Antitumor effect of the combination of manumycin A and Immodin is associated with antiplatelet
30 activity and increased granulocyte tumor infiltration in a 4T1 breast tumor model / Peter Solár ...
[et al.]..

In: *Oncology Reports*. - ISSN 1021-335X. - Roč. 37, č. 1 (2017), s. 368-378. CCC; SCOPUS; WOS;

2017 IF=2,976; 2017 SJR=1,011; 2017 CiteScore=4,8; 2017 SNIP=0,769; 2017 Q3(Oncology) JCR

[OV 180];

[**SOLÁR, Peter** (Autor, 25%) - SAČKOVÁ, Veronika (Autor, 25%) - HRČKOVÁ, Gabriela (Autor, 15%) - DEMEČKOVÁ, Vlasta (Autor, 10%) - KASSAYOVÁ, Monika (Autor, 5%) - BOJKOVÁ, Bianka (Autor, 5%) - MUDROŇOVÁ, Dagmar (Autor, 5%) - GANCARČÍKOVÁ, Soňa (Autor, 5%) - JENDŽELOVSKÝ, Rastislav (Autor, 3%) - FEDOROČKO, Peter (Autor, 2%)]

Kategórie ohlasov do roku 2021: (4)

[1] (2017) KOBAYASHI, H. Cancer chemotherapy specific to acidic nests. In *Cancers*, 2017, vol. 9, no. 4, art.no. 36.

[1] (2019) COLE, D.W. et al. Targeting the unfolded protein response in head and neck and oral cavity cancers. In *Experimental Cell Research*, 2019, vol. 382, no. 1, art. no. 111386.

[1] (2020) LORENZO-ANOTA, H.Y. et al. Bovine Dialyzable Leukocyte Extract IMMUNEPOTENT-CRP Induces Selective ROS-Dependent Apoptosis in T-Acute Lymphoblastic Leukemia Cell Lines. In *Journal of Oncology*, 2020, roč. 2020, art. no. 1598503.

[3] (2018) GALOVA, Eliska et al. MANUMYCIN A IS A PROMISING NATURAL COMPOUND FOR PHARMACOLOGY AND MEDICINE DUE TO THE LACK OF GENOTOXICITY. In *International Journal of Advances in Science Engineering and Technology*, 2018, vol. 6, no. 3, s. 1-4.

Kategórie ohlasov od roku 2022: (13)

[1] (2019) KUBATKA, P. et al. Anticancer activities of thymus vulgaris L. In experimental breast carcinoma in vivo and in vitro. In *International Journal of Molecular Sciences*, 2019, roč. 20, č. 71, art.no. 1749

[1] (2020) KUBATKA, P. et al. Chemopreventive and Therapeutic Efficacy of Cinnamomum zeylanicum L. Bark in experimental breast carcinoma: Mechanistic in vivo and in vitro analyses. In *Molecules*, 2020, roč. 25, č. 6, art.no. 1399

[1] (2020) MACIAS, Alejandro E. - GUANI-GUERRA, Eduardo. Transfer Factor: Myths and Facts. In *Archives of medical research*, 2020, roč. 51, č. 7, s. 613-622.

[1] (2021) SOJKA, Damian Robert - HASTEROK, Sylwia - VYDRA, Natalia - TOMA-JONIK, Agnieszka - WIECZOREK, Anna - GOGLER-PIGŁOWSKA, Agnieszka - SCIEGLINSKA, Dorota. Inhibition of the heat shock protein a (Hspa) family potentiates the anticancer effects of manumycin A. In *Cells*, 2021, roč. 10, č. 6.

[1] (2021) ZUNIGA-NAVARRETE, Fernando - ZAVALA-MENESES, Sofia Guadalupe - ZELNIK, Vladimir - KOPÁČEK, Juraj - SKULTETY, Ludovit. Initial proteomic characterization of IMMODIN, commercially available dialysable leukocytes extract. In *Chemical Papers [online]* 2021, roč. 75, č. 5, s. 1959-1968.

[1] (2022) YANG, J. et al. 2-Methoxy-1,4-naphthoquinone regulated molecular alternation of *Fusarium proliferatum* revealed by high-dimensional biological data. In *RSC Advances*, 2022, roč. 12, č. 24, s. 15133-15144.

[1] (2022) YANG, Jiajia - XIA, Xuwei - GUO, Meixia - ZHONG, Li - ZHANG, Xiaoyong - DUAN, Xuewu - LIU, Jun - HUANG, Riming. 2-Methoxy-1,4-naphthoquinone regulated molecular alternation of *Fusarium proliferatum* revealed by high-dimensional biological data. In *RSC advances*, 2022, roč. 12, č. 24, s. 15133-15144.

[1] (2023) CALVILLO-RODRIGUEZ, K.M., et al. Immunotherapies inducing immunogenic cell death in cancer: insight of the innate immune system. In *Frontiers in Immunology*, 2023, vol. 14, art. no. 1294434

- [1] (2024) DVORSKÁ, Dana - MAZURÁKOVÁ, Alena - LACKOVÁ, Lenka - ŠEBOVÁ, Dominika - KAJO, Karol - SAMEC, Marek - BRANÝ, Dušan - ŠVAJDLENKA, Emil - TREML, Jakub - MERŠAKOVÁ, Sandra - STRNÁDEL, Ján - ADAMKOV, Marian - LASABOVÁ, Zora - BIRINGER, Kamil - MOJŽIŠ, Ján - BÜSSELBERG, Dietrich - SMEJKAL, Karel - KELLO, Martin - KUBATKA, Peter. Aronia melanocarpa L. fruit peels show anti-cancer effects in preclinical models of breast carcinoma: The perspectives in the chemoprevention and therapy modulation. In *Frontiers in oncology* [online] 2024, roč. 14, č. 241007, s. 1-25, art. no. 1463656 . Dostupné na internete <<https://www.webofscience.com/wos/woscc/full-record/WOS:001339459500001>>
- [1] (2024) KUBATKA, Peter - MAZURÁKOVÁ, Alena - LACKOVÁ, Lenka - KURUC, Tomáš - SAMEC, Marek - KAJO, Karol - KOTOROVÁ, Klaudia - ADAMKOV, Marian - SMEJKAL, Karel - ŠVAJDLENKA, Emil - DVORSKÁ, Dana - BRANÝ, Dušan - BARANOVIČOVÁ, Eva - SADLOŇOVÁ, Vladimíra - MOJŽIŠ, Ján - KELLO, Martin. Salvia officinalis L. exerts oncostatic effects in rodent and in vitro models of breast carcinoma. In *Frontiers in pharmacology* [online] 2024, roč. 15, č. 2, s. 1-25, art. no. 1216199 . Dostupné na internete <<https://www.webofscience.com/wos/woscc/full-record/WOS:001178229400001>>
- [1] (2024) MYUNG, Noehyun - HWANG, Seoyoung - HA, Won - KANG, Hyun-Wook. Alginate-Coated Silicone Implants with Antisolvent-Crystallized Paclitaxel to Prevent Breast Cancer Recurrence and Reduce Fibrosis. In *Advanced therapeutics* [online] 2024, roč. 7, č. 6, art. no. 2300358 .
- [1] (2025) DVORSKÁ, Dana - ŠEBOVÁ, Dominika - KAJO, Karol - KAPINOVÁ, Andrea - ŠVAJDLENKA, Emil - GOGA, Michal - FRENÁK, Richard - TREML, Jakub - MERŠAKOVÁ, Sandra - STRNÁDEL, Ján - MAZURÁKOVÁ, Alena - BARANOVÁ, Ivana - HALAŠOVÁ, Erika - BROZMANOVÁ, Mariana - BIRINGER, Kamil - KASSAYOVÁ, Monika - DANKOVÁ, Zuzana - ŠMEJKAL, Karel - HORŇÁK, Slavomír - MOJŽIŠ, Ján - SADLOŇOVÁ, Vladimíra - BRANÝ, Dušan - KELLO, Martin - KUBATKA, Peter. Chemopreventive and therapeutic effects of Hippophae rhamnoides L. fruit peels evaluated in preclinical models of breast carcinoma. In *Frontiers in pharmacology* [online] 2025, roč. 16, č. 250430, s. 1-22, art. no. 1561436 . Dostupné na internete <<https://pmc.ncbi.nlm.nih.gov/articles/PMC12075410/>>
- [1] (2026) DVORSKÁ, Dana - ŽILÁKOVÁ, Simona - MEDVECOVÁ, Viktória - ŠEBOVÁ, Dominika - KAJO, Karol - BARANOVIČOVÁ, Eva - VANEKOVÁ, Zuzana - GOGA, Michal - ROUTRAY, Deepti - STRNÁDEL, Ján - BARANOVÁ, Ivana - HALAŠOVÁ, Erika - DANKOVÁ, Zuzana - BROZMANOVÁ, Mariana - HORŇÁK, Slavomír - SADLOŇOVÁ, Vladimíra - NOVÁKOVÁ, Elena - ROLLINGER, Judith M. - ČÍŽKOVÁ, Daša - GOLUBNITSCHAJA, Olga - BRANÝ, Dušan - KELLO, Martin - KUBATKA, Peter. Bilberry (*Vaccinium myrtillus* L.) peel-enriched pomace as natural anticancer agents: Preclinical evidence from breast carcinoma models supporting preventive and personalized treatment strategies. In *Journal of nutrition* [online] 2026, roč. 156, č. 2, s. 1-24, art. no. 101293 . Dostupné na internete <<https://www.webofscience.com/wos/woscc/full-record/WOS:001676734600002>>

SSEP 017705

- ADC Erythropoietin and its angiogenic activity / Patrícia Kimáková ... [et al.].
- 31 In: *International journal of molecular sciences*. - ISSN 1661-6596. - Roč. 18, č. 7 (2017), art.no. 1519, s. 1-14. Projekt: Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15. CCC; SCOPUS; WOS; **2017 IF=3,687; 2017 SNIP=1,154; 2017 SJR=1,260; 2017 CiteScore=5,1; 2017 Q2(Biochemistry & molecular biology) JCR; 2017 Q1(Medicine (miscellaneous)) Scimago; 2017 Q2(Chemistry, multidisciplinary) JCR** [OV 180];
- [KIMÁKOVÁ, Patrícia (Autor, 40%) - SOLÁR, Peter (Autor, 40%) - SOLÁROVÁ, Zuzana (Autor, 15%) - KOMEL, Radovan (Autor, 2%) - DEBELJAK, Nataša (Autor, 3%)]
- Kategórie ohlasov do roku 2021: (38)
- [1] (2017) MIAO, S. et al. Erythropoietin promoted the proliferation of hepatocellular carcinoma through hypoxia induced translocation of its specific receptor. In *Cancer Cell International*, 2017, vo. 17, no. 1, art.no. 119
- [1] (2018) ERCAN, I. et al. Peptide Derivatives of Erythropoietin in the Treatment of Neuroinflammation and Neurodegeneration. In *Advances in Protein Chemistry and Structural*

Biology, 2018, vol. 112, s. 309-357

[1] (2018) GARDNER, B. The role of the insula in the non-motor symptoms of Parkinson's disease. In *Island of Reil (Insula) in the Human Brain: Anatomical, Functional, Clinical and Surgical Aspects*, 2018, s. 191-194

[1] (2018) HONG, J.M. et al. Feasibility of multiple burr hole with erythropoietin in acute moyamoya patients. In *Stroke*, 2018, vol. 49, no. 5, s. 1290-1295

[1] (2018) KARSCHNIA, P. et al. Erythropoietin promotes network formation of transplanted adipose tissue-derived microvascular fragments. In *European Cells and Materials*, 2018, vol. 35, s. 268-280.

[1] (2018) KARYAGINA, A.S. et al. Synthesis in *Escherichia coli* and Characterization of Human Recombinant Erythropoietin with Additional Heparin-Binding Domain. In *Biochemistry (Moscow)*, 2018, vol. 83, no. 10, s. 1207-1221

[1] (2018) MA, Y. et al. Effect of silent information regulator 2 homologue 1 activity on angiogenesis in cerebral ischemia rats. In *Chinese Journal of Neurology*, 2018, vol. 51, no. 6, s. 456-463

[1] (2018) VLADIMIROVICH, T.A. et al. Morphology of the rat's brain in four vessels model of ischemic stroke after administration of carbamylated darbepoetin. In *drug invention today*, 2018, vol. 10, no. 5, s. 3897-3900

[1] (2019) AKIZAWA, T. et al. Iron Regulation by Molidustat, a Daily Oral Hypoxia-Inducible Factor Prolyl Hydroxylase Inhibitor, in Patients with Chronic Kidney Disease. In *Nephron*, 2019, vol. 143, no. 4, s. 243-254

[1] (2019) BOESCH, S., INDELICATO, E. Erythropoietin and friedreich ataxia: Time for a reappraisal? In *Frontiers in Neuroscience*, 2019, vol. 13, art. no. 386

[1] (2019) BUI, K.C.T. et al. Erythropoietin treatment is associated with a reduction in moderate to severe bronchopulmonary dysplasia in preterm infants. A regional retrospective study. In *Early Human Development Volume*, 2019, vol. 137, art. no. 104831.

[1] (2019) FALLAH, A. et al. Therapeutic targeting of angiogenesis molecular pathways in angiogenesis-dependent diseases. In *Biomedicine and Pharmacotherapy* 110, 2019, s. 775-785

[1] (2019) KUNZE, R., MARTI, H.H. Angioneurins – Key regulators of blood–brain barrier integrity during hypoxic and ischemic brain injury. In *Progress in Neurobiology*, 2019, vol. 178, art. no. 101611.

[1] (2019) LYKOV, A.P. et al. Effect of erythropoietin on cytokine production by stem cells. In *Medical Immunology (Russia)*, 2019, vol. 21, no. 5, s. 861-868.

[1] (2019) PUCHULU, M.B. et al. Erythropoietin Improves Cardiovascular Function in Adult Rats after Acute Hemorrhage. In *Journal of Cardiovascular Pharmacology*, 2019, vol. 73, no. 5, s. 290-300

[1] (2019) TEHRANI M.M.M., FOROUGHI M. Erythropoietin in the clinical trials of the cardiac disease, what is and what is not. In *Journal of Cellular and Molecular Anesthesia*, 2020, vol. 4, no. 4, s. 136-144.

[1] (2019) ZHU, X.H. et al. Dextran/poly(Lactic-co-glycolic acid) microspheres combined with three growth factors promote neovascularization in ischemic lower limbs of rats. In *Chinese Journal of Tissue Engineering Research*, 2019, vol. 23, no. 26, art. no. 2095-4344(2019)26-04142-06, s. 4142-4147.

[1] (2020) ARIAS-REYES, C. et al. Does the pathogenesis of SARS-CoV-2 virus decrease at high-altitude? In *Respiratory and Physiology and Neurobiology*, 2020, vol. 277, art. no. 103443.

[1] (2020) BRETZ, C.A. et al. Signaling through the erythropoietin receptor affects angiogenesis in retinovascular disease. In *Investigative Ophthalmology and Visual Science*, 2020, vol. 61, no. 10, s. 1-12

[1] (2020) CHANG, J.-R. et al. Erythropoietin attenuates vascular calcification by inhibiting endoplasmic reticulum stress in rats with chronic kidney disease. In *Peptides*, 2020, vol. 123, art. no. 170181.

[1] (2020) LIU C.D., TU X.F., CHEN F. Neovascularization by Sustained Delivery of G-CSF, EPO and VEGF Using Dextran/PLGA Microspheres. In *Annals of Vascular Surgery*, 2020, vol. 64, s. 328-338.

[1] (2020) MUI, J. et al. More Than a Myoma: A Review of Myomatous Erythrocytosis Syndrome. In *Journal of Obstetrics and Gynaecology Canada*, 2020, vol. 42, no. 2, s. 198-203.e3

[1] (2020) OSTROWSKI, R.P., ZHANG, J.H. The insights into molecular pathways of hypoxia-

- inducible factor in the brain. In *Journal of Neuroscience Research*, 2020, vol. 98, no. 1, s. 57-76.
- [1] (2020) PUCHENKOVA, O.A. et al. Study of antiatherosclerotic and endothelioprotective activity of peptide agonists of EPOR/CD131 heteroreceptor. In *Farmatsiya i Farmakologiya*, 2020, vol. 8, no. 2, s. 100-111.
- [1] (2020) RIOU, R. et al. Arid1a loss in adult hepatocytes activates β -catenin-mediated erythropoietin transcription. In *eLife*, 2020, vol. 9, art. no. e53550, s. 1-29.
- [1] (2020) TEO, G.-Y. et al. Effect of fetal bovine serum on erythropoietin receptor expression and viability of breast cancer cells. In *Saudi Journal of Biological Sciences*, 2020, vol. 27, no. 2, s. 653-658
- [1] (2020) ZHANG, Y. et al. Advances in Understanding the Effects of Erythropoietin on Renal Fibrosis. In *Frontiers in Medicine*, 2020, vol. 7, art. no. 47.
- [1] (2021) BRENNER, S.R. Erythropoietin-induced hemoglobin subunit beta may stimulate innate immune RNA virus pattern recognition, suppress reactive oxygen species, reduce ACE2 viral doorway opening, and neutrophil extracellular traps against COVID-19. In *Journal of Medical Virology*, 2021, vol. 93, no. 1, s. 180-181
- [1] (2021) CHEN, X. et al. Colony-Stimulating Factors on Mobilizing CD34+ Cells and Improving Neurological Functions in Patients With Stroke: A Meta-Analysis and a Systematic Review. In *Frontiers in Pharmacology*, 2021, vol. 12, art. no. 704509
- [1] (2021) DZIEMBOWSKA, I. et al. Physical training increases erythroferrone levels in men. In *Biology*, 2021, vol. 10, no. 11, art. no. 1215
- [1] (2021) ELFARARGY, M.S. et al. Study of cord blood levels of erythropoietin, bilirubin and reticulocyte count as early predictors of neonatal hyperbilirubinemia. In *Endocrine, Metabolic and Immune Disorders - Drug Targets*, 2021, vol. 21, no. 9, s. 1641-1648
- [1] (2021) HAINE, L. et al. Cytoprotective effects of erythropoietin: What about the lung? In *Biomedicine and Pharmacotherapy*, 2021, vol. 139, art. no. 111547
- [1] (2021) LASCHKE, M.W., SPÄTER, T., MENDER, M.D. Microvascular Fragments: More Than Just Natural Vascularization Units. In *Trends in Biotechnology*, 2021, vol. 39, no. 1, s. 24-33
- [1] (2021) LIN, P.-Y. et al. Lack of association between erythropoietin treatment and risk of depression in patients with end-stage kidney disease on maintenance dialysis: a nationwide database study in Taiwan. In *Therapeutic Advances in Chronic Disease*, 2021, vol. 12
- [1] (2021) MENDER, M.M. et al. Vascularization Strategies in the Prevention of Nonunion Formation. In *Tissue Engineering - Part B: Reviews*, 2021, vol. 27, no. 2, s. 107-132.
- [1] (2021) NOUR, S. et al. Skin wound healing assisted by angiogenic targeted tissue engineering: A comprehensive review of bioengineered approaches. In *Journal of Biomedical Materials Research - Part A*, 2021, vol. 109, no. 4, s. 453-478
- [1] (2021) PANDYA, M. et al. The glycoprotein/cytokine erythropoietin promotes rapid alveolar ridge regeneration in vivo by promoting new bone extracellular matrix deposition in conjunction with coupled angiogenesis/osteogenesis. In *International Journal of Molecular Sciences*, 2021, vol. 22, no. 6, art. no. 2788, s. 1-13
- [1] (2021) SIGNORE, P.E. et al. A small-molecule inhibitor of hypoxia-inducible factor prolyl hydroxylase improves obesity, nephropathy and cardiomyopathy in obese ZSF1 rats. In *PLoS ONE*, 2021, vol. 16, art. no. e0255022
- Kategórie ohlasov od roku 2022: (46)
- [1] (2022) ALNEAMI, Q. Unexpected finding of endothelial cells in peripheral blood smear. In *Journal of Applied Hematology*, 2022, vol. 13, no. 2, s. 110
- [1] (2022) CHAPRAZOV, T. et al. Diagnostic Imaging Studies on Local and Systemic Erythropoietin Application for Promoting Bone Regeneration in Rat Calvarial Defects. In *Veterinary Sciences*, 2022, vol. 9, no. 10, art. no. 578
- [1] (2022) JETON, F. et al. In Transgenic Erythropoietin Deficient Mice, an Increase in Respiratory Response to Hypercapnia Parallels Abnormal Distribution of CO₂/H⁺-Activated Cells in the Medulla Oblongata. In *Frontiers in Physiology*, 2022, vol. 13, art. no. 850418
- [1] (2022) LV, W. et al. Reduction of Laser-Induced Choroidal Neovascularization in Mice With Erythropoietin RNA Interference. In *Translational Vision Science and Technology*, 2022, vol. 11, no. 8, art. no. 1
- [1] (2022) MA, Y. et al. The Effect of Erythropoietin and Its Derivatives on Ischemic Stroke Therapy: A Comprehensive Review. In *Frontiers in Pharmacology*, 2022, roč. 13, art. no. 743926.
- [1] (2022) MANTO, K.M. et al. Erythropoietin-PLGA-PEG as a local treatment to promote

- functional recovery and neurovascular regeneration after peripheral nerve injury. In *Journal of Nanobiotechnology*, 2022, vol. 20, no. 1, art. no. 461
- [1] (2022) PAPIC, M. et al. Pulpal expression of erythropoietin and erythropoietin receptor after direct pulp capping in rat. In *European Journal of Oral Sciences*, 2022, vol. 130, no. 5, art. no. e12888
- [1] (2022) RAMSHEKAR, A. et al. Role of Erythropoietin Receptor Signaling in Macrophages or Choroidal Endothelial Cells in Choroidal Neovascularization. In *Biomedicines*, 2022, vol. 10, no. 7, art. no. 1655
- [1] (2022) SHU, X.Y. et al. Myomatous erythrocytosis syndrome: A case report. In *World Journal of Clinical Cases*, 2022, vol. 10, no. 10, s. 3206-3212
- [1] (2023) ABOOUF, M.A., THIERSCH, M., SOLIZ, J., GASSMANN, M., GASSER, E.M.S. The Brain at High Altitude: From Molecular Signaling to Cognitive Performance. In *International Journal of Molecular Sciences*, 2023, roč. 24, č. 12, art. no. 10179.
- [1] (2023) BASILE, G. et al. Is the relationship between erythropoiesis and renal function one of the secrets of extreme longevity? In *Nutrition metabolism and Cardiovascular Diseases*, 2023, roč. 33, č. 4, s. 868-872.
- [1] (2023) DUYGU, G., YALCIN-ULKER, G.M., GUNBATAN, M., SOLUK-TEKKESIN, M., OZCAKIR-TOMRUK, C. Evaluation of Preventive Role of Systemically Applied Erythropoietin after Tooth Extraction in a Bisphosphonate-Induced MRONJ Model. In *Medicina - Lithuania*, 2023, roč. 59, č. 6, art. no. 1059.
- [1] (2023) FETISOV, T.I. et al. Targeting Features of Curaxin CBL0137 on Hematological Malignancies In Vitro and In Vivo. In *Biomedicines*, 2023, vol. 11, no. 1, art. no. 230
- [1] (2023) ISO, Y., USUI, S., SUZUKI, H. Mesenchymal Stem/Stromal Cells in Skeletal Muscle Are Pro-Angiogenic, and the Effect Is Potentiated by Erythropoietin. In *Pharmaceutics*, 2023, vol. 15, no. 4, art. no. 1049
- [1] (2023) KARIMZADEH, I. et al. Drug Utilization Evaluation of Erythropoietin at a Referral Teaching Hospital in Iran. In *Advances in Pharmacological and Pharmaceutical Sciences*, 2023, art. no. 6685602
- [1] (2023) LIU, Z.B. et al. Potentially active compounds that improve PAD through angiogenesis: A review. In *Biomedicine and Pharmacotherapy*, 2023, vol. 168, art. no. 115634
- [1] (2023) LYKOV, A. P. Erythropoietin: function and therapeutic potential. In *Sibirskij Nauchnyj Medicinskij Zhurnal*, 2023, vol. 43, no. 2, s. 29-39
- [1] (2023) MAGHSOUDI, A., ZARINGHALAM, J., MOOSAVI, M., EIDI, A. The therapeutic effects of erythropoietin and carbamylated erythropoietin derivatives in neurological and other disorders. In *Physiology and Pharmacology (Iran)*, 2023, vol. 27, no. 4, pp. 345-356
- [1] (2023) RODRIGUES, A.Q. et al. Effects of erythropoietin on ischaemia-reperfusion when administered before and after ovarian tissue transplantation in mice. In *Reproductive BioMedicine Online*, 2023, vol. 47, no. 4, art. no. 103234
- [1] (2024) CRUZ RUBIO, Shirley G.. The Role of Erythropoietin in Myeloproliferative and Lymphoproliferative Syndromes. In *Comprehensive Hematology and Stem Cell Research*. Amsterdam : Elsevier, 2024. ISBN 9780443157172, S. 306-314.
- [1] (2024) HAO, Yifan - FENG, Longbao - LIU, Huiling - ZHOU, Liming - YU, Xiang - HE, Xinyue - CHENG, Huan - JIN, Long - WANG, Changyong - GUO, Rui. Bioactive hydrogel synergizes neuroprotection, macrophage polarization, and angiogenesis to improve repair of traumatic brain injury. In *Materials Today Bio*, 2024, roč. 29.
- [1] (2024) JOSHI, G. et al. Analyzing Uttarakhand's COVID-19 Outbreak: Demographic Insights and Strategies for Future Pandemic Prevention. In *Coronaviruses*, 2024, vol. 5, no. 4, art. no. e181223224597
- [1] (2024) LYKOV, A.P. Erythropoietin: Functions and Therapeutic Potential. In *Cell and Tissue Biology*, 2024, vol. 18, no. 1, s. 1-10
- [1] (2024) ONODA, Hiroshi - IMAMURA, Teruhiko - UENO, Hiroshi - OSHIMA, Akira - UENO, Yohei - USHIJIMA, Ryuichi - SOBAJIMA, Mitsuo - KINUGAWA, Koichiro. Prognostic impact of elevated erythropoietin levels in patients with severe aortic stenosis receiving transcatheter aortic valve implantation. In *Journal of cardiology*, 2024, roč. 83, č. 3, s. 149-154.
- [1] (2024) SILVA, I.M.G. et al. Erythropoietin effects on cryopreserved/transplanted cat ovarian tissue: A comparison of two incubation methods. In *Cryobiology*, 2024, vol. 115, art. no. 104861
- [1] (2024) SINHA, Akansha - GUPTA, Muskaan - BHASKAR, Sonu M.M.. Evolucollateral

- dynamics in stroke: Evolutionary pathophysiology, remodelling and emerging therapeutic strategies. In *European Journal of Neuroscience*, 2024, roč. 60, č. 11, s. 6779-6798.
- [1] (2024) ZHU, Lihua - YUAN, Qichao - JING, Chunping - SUN, Lingxian - JIANG, Li. Angiogenic responses are enhanced by recombinant human erythropoietin in a model of periventricular white matter damage of neonatal rats through EPOR-ERK1 signaling. In *Journal of neuropathology and experimental neurology*, 2024, roč. 83, č. 3, s. 161-167.
- [1] (2025) ARIAS FERNÁNDEZ, Diana Andrea - ROMERO DIAZ, Héctor Alfonso - FIGUEROA GARNICA, Alan David - ITURRI-SOLIZ, Pablo - ARIAS-REYES, Christian - SCHNEIDER GASSER, Edith Mariane - SOLIZ, Jorge. Low and sustained doses of erythropoietin prevent preterm infants from intraventricular hemorrhage. In *Respiratory Physiology & Neurobiology*, 2025, roč. 331, 104363
- [1] (2025) DENG, Tao - LIANG, Yongjian - XU, Chi - HAO, Libo - FU, Jun - CHEN, Jiying. Factors associated with high hidden blood loss in patients undergoing primary total knee arthroplasty for osteoarthritis: a cross-sectional retrospective study of 1444 patients. In *BMC musculoskeletal disorders*, 2025, roč. 26, č. 1, art. no. 439
- [1] (2025) DERMITZAKI, Niki - BALTOGIANNI, Maria - TSIOGKA, Chrysanthi Maria - NIKOLAOU, Aikaterini - BALOMENOU, Foteini - GIAPROS, Vasileios. Promising Preventive Strategies for Intraventricular Hemorrhage in Preterm Neonates: A Critical Review. In *Journal of clinical medicine*, 2025, roč. 14, č. 19.
- [1] (2025) FEIZI, Neda - MOHAMADZADEH-NABIEI, Mahsa - VAHEDI, Hadi - FARABI MALEKI, Shadi - JAFARIZADEH, Ali. Therapeutic role of erythropoietin in methanol induced optic neuropathy: a systematic review. In *Daru*, 2025, roč. 33, č. 1, 551
- [1] (2025) FERRERO, Jean Marc - MOGRABI, Baharia - BOURIGA, Rym - GAL, Jocelyn - MILANO, Gérard. Rethinking EPO: A Paradigm Shift in Oncology?. In *Cancers*, 2025, roč. 17, č. 23.
- [1] (2025) HONG, Ji Man - SHIN, Hee Sun. Reinforcement of Transdural Angiogenesis: A Novel Approach to Treating Ischemic Stroke With Cerebral Perfusion Impairment. In *Journal of Stroke*, 2025, roč. 27, č. 1, s. 30-40.
- [1] (2025) JAKOVAC, Domagoj - BELAMARIĆ, Marko. PHYSIOLOGICAL IMPLICATIONS OF ERYTHROPOIETIN ON ENDURANCE SPORTS PERFORMANCE. In *Hrvatski športskomedicinski vjesnik*, 2025, roč. 40, č. 2, s. 123-131.
- [1] (2025) PARK, Jeong Hun - BROWN, Nettie E. - TUCKER, Sarah Jo - TEMENOFF, Johnna S. - EL-DEIRY, Mark - PARK, Hyun Ji - TKACZUK, Andrew T. - HOLLISTER, Scott J.. Feasibility Assessment of 3D Printing-Based Tubular Tissue Flap in a Porcine Model for Long Segmental Tracheal Reconstruction. In *Tissue Engineering and Regenerative Medicine*, 2025, roč. 22, č. 4, s. 469-479.
- [1] (2025) QUAN, Hongyu - LI, Taiyang - REN, Chencan - HE, Yuwei - XIE, Hongkun - HE, Zibo - WANG, Rui - DING, Haibin - LI, Jinbao - DONG, Shiwu - JIANG, Hong. Hierarchical spatiotemporal delivery system reprograms osteoclast subtypes to promote angiogenesis and bone regeneration in steroid-induced osteonecrosis of the rat femoral head. In *Chemical engineering journal*, 2025, č. 526.
- [1] (2025) SABRY, Nadine C. - MICHEL, Haidy E. - MENZE, Esther T.. Repurposing of erythropoietin as a neuroprotective agent against methotrexate-induced neurotoxicity in rats. In *Journal of Psychopharmacology*, 2025, roč. 39, č. 2, s. 147-163.
- [1] (2025) SCOLA, Letizia - BELLIA, Chiara - LIO, Domenico. Laboratory parameters in male and female older people. In *Role of Sex and Gender in Aging and Longevity*. Amstredam : Elsevier, 2025. ISBN 9780443273995, S. 369-388.
- [1] (2025) TAJBAKHS, Farnaz - ASHTIANI, Mohammad Kazemi - TAVANA, Somayeh - MOINI, Ashraf - FATHI, Rouhollah. Comparison between wharton's jelly and collagen natural hydrogels for human ovarian follicle transplantation as an artificial ovary. In *PLoS One*, 2025, roč. 20, č. 224908.
- [1] (2025) WANG, Tao - TANG, Yingfen - XIAO, Yunqi. Erythropoietin as a multifaceted antiaging agent: Mechanisms and clinical potential. In *Journal of Pharmacology and Experimental Therapeutics*, 2025, roč. 392, č. 12.
- [1] (2025) ZHANG, Lixia - ZHANG, Mei - JIANG, Xiaoling - WANG, Min - SHU, Haixia - WANG, Guanyan - LI, Pingyuan - WU, Maoyuan - ZHANG, Wenwen - HE, Lianli. Enhancement of angiogenesis and follicular survival using growth factors during ovarian tissue transplantation: a

systematic review. In Archives of Gynecology and Obstetrics, 2025, roč. 312, č. 3, s. 653-662.

[1] (2025) ZHANG, Ruixiang - NIE, Yongzhan - CHEN, Xiaobing - JIANG, Tao - WANG, Jinhai. A multicenter prospective clinical trial reveals cell-free DNA methylation markers for early esophageal cancer. In The Journal of clinical investigation, 2025, roč. 135, č. 8.

[1] (2025) ZHU, Ronghe - WANG, Shi - CHEN, Cuie - LING, Ya - WANG, Qiu - LU, Chaosheng - SUN, Yuanyuan. Hemoglobin Levels on Day 3 of Life as Early Predictors of Bronchopulmonary Dysplasia in Preterm Infants. In Clinical and Experimental Obstetrics and Gynecology, 2025, roč. 52, č. 3, art. no. 27183

[1] (2026) DU, Weihong - LIU, Wencao - SUN, Yanyun - GUO, Chun - GENG, Panpan - JIN, Xinchun. Targeting angiogenesis and white matter repair for enhanced functional recovery after acute ischemic stroke: A focus on the roles of glial cells. In Journal of cerebral blood flow and metabolism, 2026, roč. 46, č. 1, s. 3-19.

[1] (2026) IVCHENKO, Evgeny V. - CHERKASHIN, Dmitry V. - CHEPIGA, Evgeny V. - ABAZIN, Ruslan I. - CHUENKOV, Alexey S. - LYUBIMOV, Andrey V. - BOGDANOV, Dmitry S.. Microcirculation Adaptation in Deep-Sea Equipment Operators During Prolonged Isolation. In Vestnik Rossijskoj Voenno-Medicinskoj Akademii, 2026, roč. 28, č. 1, s. 91-98.

[1] (2026) TAGUCHI, Akihiko - OKINAKA, Yuka - CLAUSSEN, Carsten - GUL, Sheraz. A decline in glycolytic ATP production is the fundamental mechanism limiting lifespan; species with an optimal rate of decline over time survived. In Aging, 2026, roč. 18, č. 1, s. 59-66.

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ADC Immodin and its immune system supportive role in paclitaxel therapy of 4T1 mouse breast cancer /
32 = Immodin a jeho podporný účinok na imunitný systém pri terapii paclitaxelom u myši so 4T1
mamárnym karcinómom Vlasta Demečková, Peter Solár, Gabriela Hrčková, Dagmar Mudroňová,
Bianka Bojková, Monika Kassayová, Soňa Gancarčíková.

In: Biomedicine & pharmacotherapy. - ISSN 0753-3322. - č. 89 (2017), s. 245-256. Projekt:
Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén
- VEGA 1/0394/15 ; Typizácia ľudského erytropoetínového receptora v nádorovej a normálnej
bunke - VEGA 1/0733/12. CCC; SCOPUS; WOS;

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(miscellaneous)) Scimago; 2017 Q2(Pharmacology) Scimago**

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Kategórie ohlasov do roku 2021: (5)

[1] (2020) AO, H. et al. Preparation of hydroxy genkwanin nanosuspensions and their enhanced antitumor efficacy against breast cancer. In Drug Delivery, 2020, roč. 27, č. 1, s. 816-824

[1] (2020) LORENZO-ANOTA, H.Y. et al. Bovine Dialyzable Leukocyte Extract IMMUNEPOTENT-CRP Induces Selective ROS-Dependent Apoptosis in T-Acute Lymphoblastic Leukemia Cell Lines. In Journal of Oncology, 2020, art.no. 1598503

[1] (2020) MACIAS, A.E. et al. Transfer Factor: Myths and Facts. In Archives of Medical Research, 2020, roč. 51, č. 7, s. 613-622

[1] (2021) LIM, P.T., GOH, B.H., LEE, W.-L. Taxol: Mechanisms of action against cancer, an update with current research. In Paclitaxel: Sources, Chemistry, Anticancer Actions, and Current Biotechnology. Amsterdam : Elsevier, 2021. ISBN 978-032390951-8, s. 47-71

[1] (2021) ZUNIGA-NAVARRETE, F. et al. Initial proteomic characterization of IMMODIN, commercially available dialysable leukocytes extract. In Chemical Papers, 2021, roč. 75, č. 5, s. 1959-1968

Kategórie ohlasov od roku 2022: (12)

[1] (2019) KUBATKA, P. et al. Anticancer activities of thymus vulgaris L. In experimental breast carcinoma in vivo and in vitro. In International Journal of Molecular Sciences, 2019, roč. 20, č. 71, art.no. 1749

[1] (2020) KUBATKA, P. et al. Chemopreventive and Therapeutic Efficacy of Cinnamomum zeylanicum L. Bark in experimental breast carcinoma: Mechanistic in vivo and in vitro analyses. In Molecules, 2020, roč. 25, č. 6, art.no. 1399

- [1] (2023) ZHANG, J. et al. Polysaccharides of *Plantago asiatica* enhance antitumor activity via regulating macrophages to M1-like phenotype. In *Biomedicine and Pharmacotherapy*, 2023, roč. 159, art. no. 114246.
- [1] (2024) DVORSKÁ, Dana - MAZURÁKOVÁ, Alena - LACKOVÁ, Lenka - ŠEBOVÁ, Dominika - KAJO, Karol - SAMEC, Marek - BRANÝ, Dušan - ŠVAJDLENKA, Emil - TREML, Jakub - MERŠAKOVÁ, Sandra - STRNÁDEL, Ján - ADAMKOV, Marian - LASABOVÁ, Zora - BIRINGER, Kamil - MOJŽIŠ, Ján - BÜSSELBERG, Dietrich - SMEJKAL, Karel - KELLO, Martin - KUBATKA, Peter. *Aronia melanocarpa* L. fruit peels show anti-cancer effects in preclinical models of breast carcinoma: The perspectives in the chemoprevention and therapy modulation. In *Frontiers in oncology* [online] 2024, roč. 14, č. 241007, s. 1-25, art. no. 1463656. Dostupné na internete <<https://www.webofscience.com/wos/woscc/full-record/WOS:001339459500001>>
- [1] (2024) FU, Yuping - ZHANG, Hongmei - YE, Jiahui - CHEN, Changrong - YANG, Yaxuan - WU, Baojuan - YIN, Xi - SHI, Jiajun - ZHU, Yun - ZHAO, Cheng - ZHANG, Weijie. An “all-in-one” treatment and imaging nanoplatfrom for breast cancer with photothermal nanoparticles. In *Nanoscale Advances*, 2024, roč. 6, č. 5, s. 1423-1435.
- [1] (2024) KUBATKA, Peter - MAZURÁKOVÁ, Alena - LACKOVÁ, Lenka - KURUC, Tomáš - SAMEC, Marek - KAJO, Karol - KOTOROVÁ, Klaudia - ADAMKOV, Marian - SMEJKAL, Karel - ŠVAJDLENKA, Emil - DVORSKÁ, Dana - BRANÝ, Dušan - BARANOVIČOVÁ, Eva - SADLOŇOVÁ, Vladimíra - MOJŽIŠ, Ján - KELLO, Martin. *Salvia officinalis* L. exerts oncostatic effects in rodent and in vitro models of breast carcinoma. In *Frontiers in pharmacology* [online] 2024, roč. 15, č. 2, s. 1-25, art. no. 1216199. Dostupné na internete <<https://www.webofscience.com/wos/woscc/full-record/WOS:001178229400001>>
- [1] (2024) MYUNG, Noehyun - HWANG, Seoyoung - HA, Won - KANG, Hyun-Wook. Alginate-Coated Silicone Implants with Antisolvent-Crystallized Paclitaxel to Prevent Breast Cancer Recurrence and Reduce Fibrosis. In *Advanced therapeutics* [online] 2024, roč. 7, č. 6, art. no. 2300358.
- [1] (2025) DVORSKÁ, Dana - ŠEBOVÁ, Dominika - KAJO, Karol - KAPINOVÁ, Andrea - ŠVAJDLENKA, Emil - GOGA, Michal - FRENÁK, Richard - TREML, Jakub - MERŠAKOVÁ, Sandra - STRNÁDEL, Ján - MAZURÁKOVÁ, Alena - BARANOVÁ, Ivana - HALAŠOVÁ, Erika - BROZMANOVÁ, Mariana - BIRINGER, Kamil - KASSAYOVÁ, Monika - DANKOVÁ, Zuzana - ŠMEJKAL, Karel - HORNÁK, Slavomír - MOJŽIŠ, Ján - SADLOŇOVÁ, Vladimíra - BRANÝ, Dušan - KELLO, Martin - KUBATKA, Peter. Chemopreventive and therapeutic effects of *Hippophae rhamnoides* L. fruit peels evaluated in preclinical models of breast carcinoma. In *Frontiers in pharmacology* [online] 2025, roč. 16, č. 250430, s. 1-22, art. no. 1561436. Dostupné na internete <<https://pmc.ncbi.nlm.nih.gov/articles/PMC12075410/>>
- [1] (2025) HRČKOVÁ, Gabriela - MUDROŇOVÁ, Dagmar - REITEROVÁ, Katarína - CAVALLERO, Serena - BELLINI, Ilaria. Human dialyzable leukocyte extract enhances albendazole efficacy and promotes Th1/Th2-biased lymphocyte and antibody responses in peritoneal cavity of murine model of *mesocostoides vogae* infection. In *International journal of molecular sciences*, 2025, roč. 26, č. 14, s. 1-25, art. no. 6994
- [1] (2025) LAN, Jinshuai - NIE, Wenlong - BI, Zhijun - ZENG, Ruifeng - LI, Zhe - ZHANG, Tong - DING, Yue. Astragalus polysaccharide-based nano-platforms loading PTX to boost chemo-immunotherapy for triple-negative breast cancer with intrinsic GLUT-targeting ability and immunoregulatory activity. In *Journal of nanobiotechnology*, 2025, roč. 23, č. 1, art. no. 628
- [1] (2026) FRAGOZO, Ana - TREJO-MARTÍNEZ, Ismael - DOMÍNGUEZ-BERNAL, Kuauhtémok - VALENCIA-FLORES, Luis - MACIAS-PALACIOS, Zaira - PAVÓN, Lenin - PÉREZ-TORRES, Armando - AGUILAR-ALONSO, Francisco A. - VÁZQUEZ-LEYVA, Said - VALLEJO-CASTILLO, Luis - PÉREZ-TAPIA, Sonia Mayra. Characterization of the biodistribution profile of a human Dialyzable Leukocyte Extract (hDLE) by in vivo fluorescence imaging: a strategy to infer the ADME profile of complex multipetide drugs. In *Frontiers in pharmacology*, 2026, roč. 16.
- [1] (2026) RODALLEC, Anne - LEE, Randy - CAO, Jingming - MAROLLEAU, Sophie - NICOLAS, Julien - BENZEKRY, Sébastien. Model-Driven Optimization of Subcutaneous Polymer Prodrugs Achieves Cancer Remission in Mice. In *Advanced healthcare materials*, 2026, roč. 15, č. 19.

SSEP 017664

- ADC Inhibition of heat shock protein (Hsp) 90 potentiates the antiproliferative and pro-apoptotic effects of 2-(4-fluorophenylamino)-4H-1,3-thiazine[6,5-b]indole in A2780cis cells Inhibition of heat shock protein (Hsp) 90 potentiates the antiproliferative and pro-apoptotic effects of 2-(4-fluorophenylamino)-4H-1,3-thiazine[6,5-b]indole in A2780cis cells / Zuzana Solárová ... [et al.]. - iné 26220220185. - Projekt: VEGA 1/0322/14.
In: Biomedicine & pharmacotherapy. - ISSN 0753-3322. - č. 85 (2017), s. 463-471. Projekt: Indolové fytoalexíny - mechanizmus antiproliferatívneho účinku - VEGA 1/0322/14.
10.1016/j.biopha.2016.11.052 DOI;DOI; CCC; SCOPUS; WOS;
2017 IF=3,457; 2017 SNIP=0,862; 2017 SJR=0,951; 2017 CiteScore=2,80; 2017 Q2(Medicine, research & experimental) JCR; 2017 Q2(Pharmacology & pharmacy) JCR; 2017 Q1(Medicine (miscellaneous)) Scimago; 2017 Q2(Pharmacology) Scimago
[OV 180];
[SOLÁROVÁ, Zuzana (Autor, 70%) - KELLO, Martin (Autor, 10%) - VARINSKÁ, Lenka (Autor, 5%) - BUDOVSKÁ, Mariana (Autor, 5%) - SOLÁR, Peter (Autor, 10%)]
Kategórie ohlasov do roku 2021: (3)
[1] (2018) BENITES, J. et al. Targeting Akt as strategy to kill cancer cells using 3-substituted 5-anilinobenzo[c]isoxazolequinones: A preliminary study. In Biomedicine and Pharmacotherapy, 2018, vol. 97, s. 778-783.
[1] (2018) EL MALAH, T. et al. Synthesis and In Vitro Anticancer Evaluation of Symmetrically Bridged 1, 3-thiazine Derivatives. In Journal of Heterocyclic Chemistry, 2018, vol. 55, no. 7, s. 1746-1755.
[1] (2020) JIA, Y. et al. Current scenario of indole derivatives with potential anti-drug-resistant cancer activity. In European Journal of Medicinal Chemistry, 2020, vol. 200, art. no. 112359.
Kategórie ohlasov od roku 2022: (1)
[1] (2024) ZIGOVÁ, Martina - MICHALKOVÁ, Radka - MOJŽIŠ, Ján. Anticancer Potential of Indole Phytoalexins and Their Analogues. In Molecules [online] 2024, roč. 29, č. 10, s. 1-21, 2388 . Dostupné na internete <<https://www.mdpi.com/1420-3049/29/10/2388>>

SSEP 017657

- ADC Overexpression of the erythropoietin receptor in RAMA 37 breast cancer cells alters cell growth and sensitivity to tamoxifen / Lenka Ilkovičová ... [et al.].
In: International Journal of Oncology=IJO. - ISSN 1019-6439. - Roč. 51, č. 2 (2017), s. 737-746. Projekt: Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15. CCC; SCOPUS; WOS;
2017 SJR=1,169; 2017 CiteScore=6; 2017 SNIP=0,844; 2017 IF=3,333; 2017 Q2(Oncology) JCR
[OV 180];
[ILKOVIČOVÁ, Lenka (Autor, 30%) - TROŠT, Nina (Autor, 15%) - SZENTPÉTERIOVÁ, Erika (Autor, 10%) - SOLÁR, Peter (Autor, 30%) - KOMEL, Radovan (Autor, 5%) - DEBELJAK, Nataša (Autor, 10%)]
Kategórie ohlasov do roku 2021: (1)
[1] (2018) PAN, J. et al. EPOR mRNA level: A valuable prognostic indicator for patients with ER+ breast cancer. In Asian Pacific Journal of Tropical Medicine, 2018, vol. 11, no. 4, s. 297-304
Kategórie ohlasov od roku 2022: (5)
[1] (2022) ZHANG, Y. et al. Pan-Cancer Analysis Based on EPOR Expression With Potential Value in Prognosis and Tumor Immunity in 33 Tumors. In Frontiers in Oncology, 2022, vol. 12, art. no. 844794
[1] (2023) TÓTHOVÁ, Zuzana - ŠEMELÁKOVÁ, Martina - Bhide, Katarína - Bhide, Mangesh Ramesh - KOVÁČ, Andrej - MAJEROVÁ, Petra - KVAKOVÁ, Monika - ŠTOFILOVÁ, Jana - SOLÁROVÁ, Zuzana - SOLÁR, Peter. Differentially expressed genes induced by erythropoietin receptor overexpression in rat mammary adenocarcinoma RAMA 37-28 cells. In International journal of molecular sciences [online] 2023, roč. 24, č. 10, s. 1-18, art. no. 8482 . Dostupné na internete <<https://www.mdpi.com/1422-0067/24/10/8482>>
[1] (2023) ZHANG, Y. et al. Erythropoietin receptor is a risk factor for prognosis: A potential biomarker in lung adenocarcinoma. In Pathology Research and Practice, 2023, vol. 251, art. no. 154891
[1] (2023) ZHANG, Yajing - ZHU, Yousen - WANG, Senyu - FENG, Yang chun - LI, Hui.

Erythropoietin receptor is a risk factor for prognosis: A potential biomarker in lung adenocarcinoma. In Pathology - Research and Practice, 2023, roč. 251, art. no. 154891
 [1] (2026) YU, Tenghua - HE, Chongwu - ZHANG, Hui - ZHU, Yi - WANG, Annie - ZENG, Xiaoqiang - HUANG, Yanxiao - ZHONG, Jiamin - WU, Xingye - SHU, Yi - SHEN, Guowei - YU, Chao - ZHOU, Ke - ZEB, Usman - DEJENIE, Rebeka - PENG, Yan - HAYDON, Rex C. - LUU, Hue H. - REID, Russell R. - HE, Tong Chuan - FAN, Jiaming - LI, Jingjing. Endocrine therapy resistance of breast cancer: Important role of G protein-coupled estrogen receptor (GPER) and new therapeutic strategies. In Genes and diseases, 2026, roč. 13, č. 1.

SSEP 018107

ADC Photoactivated hypericin increases the expression of SOD-2 and makes MCF-7 cells resistant to
 35 photodynamic therapy / Patrícia Kimáková ... [et al.]. - Projekt: VEGA 1/0394/15. - Projekt: VEGA 1/0733/12.

In: Biomedicine & pharmacotherapy. - ISSN 0753-3322. - č. 85 (2017), s. 749-755. Projekt: VEGA 1/0394/15 ; VEGA 1/0733/12. CCC; SCOPUS; WOS;
2017 IF=3,457; 2017 SNIP=0,862; 2017 SJR=0,951; 2017 CiteScore=2,80; 2017 Q2(Medicine, research & experimental) JCR; 2017 Q2(Pharmacology & pharmacy) JCR; 2017 Q1(Medicine (miscellaneous)) Scimago; 2017 Q2(Pharmacology) Scimago

[OV 180];

[KIMÁKOVÁ, Patrícia (Autor, 25%) - SOLÁR, Peter (Autor, 25%) - FECKOVÁ, Barbora (Autor, 5%) - SAČKOVÁ, Veronika (Autor, 5%) - SOLÁROVÁ, Zuzana (Autor, 25%) - ILKOVIČOVÁ, Lenka (Autor, 5%) - KELLO, Martin (Autor, 10%)]

Kategórie ohlasov do roku 2021: (10)

[1] (2018) CHAUHAN, K. et al. Multifunctionalized biocatalytic P22 nanoreactor for combinatory treatment of ER+ breast cancer. In Journal of Nanobiotechnology, 2018, vol. 16, no. 1, art.no. 17

[1] (2018) GUO, X. et al. Synchronous delivery of oxygen and photosensitizer for alleviation of hypoxia tumor microenvironment and dramatically enhanced photodynamic therapy. In Drug Delivery, 2018, vol. 25, no. 1, s. 585-599

[1] (2019) JIANG, M.-S. et al. Inhibiting Hypoxia and Chemotherapy-Induced Cancer Cell Metastasis under a Valid Therapeutic Effect by an Assistance of Biomimetic Oxygen Delivery. In Molecular Pharmaceutics, 2019, vol. 16, no. 11, s. 4530-4541

[1] (2020) MAZUMDER, Z.H. et al. Photodynamic activity attained through the ruptured π -conjugation of pyridyl groups with a porphyrin macrocycle: Synthesis and the photophysical and photobiological evaluation of 5-mono-(4-nitrophenyl)-10,15,20-tris-[4-(phenoxyethyl)pyridine]-porphyrin and its Zn(ii) complex. In Photochemical and Photobiological Sciences, 2020, vol. 19, no. 12, s. 1776-1789.

[1] (2020) SHI, M. et al. Successful treatment of refractory genital warts using 0.5% podophyllotoxin-loaded nanostructured lipid carriers. In Dermatologic Therapy, 2020, art. no. e13245.

[1] (2021) DE ANDRADE, G.P. et al. Hypericin in photobiological assays: An overview. In Photodiagnosis and Photodynamic Therapy, 2021, vol. 35, art. no. 102343.

[1] (2021) DONG, X. et al. Hypericin-mediated photodynamic therapy for the treatment of cancer: a review. In Journal of Pharmacy and Pharmacology, 2021, vol. 73, no. 4, s. 425-436

[1] (2021) SHARMA, D. et al. Cancer photocytotoxicity and anti-inflammatory response of cis-A2B2 type meso-p-nitrophenyl and p-hydroxyphenyl porphyrin and its zinc(ii) complex: a synthetic alternative to the THPP synthon. In New Journal of Chemistry, 2021, roč. 45, č. 4, s. 2060-2068

[1] (2021) SHEN, Z. et al. Strategies to improve photodynamic therapy efficacy by relieving the tumor hypoxia environment. In NPG Asia Materials, 2021, vol. 13, no. 1, art. no. 39.

[1] (2021) XIE, J. et al. Overcoming barriers in photodynamic therapy harnessing nano-formulation strategies. In Chemical Society Reviews, 2021, roč. 50, č. 16, s. 9152-9201.

Kategórie ohlasov od roku 2022: (22)

[1] (2022) DU, Y. et al. Recent Strategies to Address Hypoxic Tumor Environments in Photodynamic Therapy. In Pharmaceutics, 2022, vol. 14, no. 9, art. no. 1763

[1] (2022) GUO, L.-Y. et al. Skin-safe nanophotosensitizers with highly-controlled synthesized polydopamine shell for synergetic chemo-photodynamic therapy. In Journal of Colloid and Interface Science, 2022, roč. 616, s. 81-92.

[1] (2022) LOONAT, A. et al. Can Nanoparticles in Homeopathic Remedies Enhance

- Phototherapy of Cancer? A Hypothetical Model. In *Homeopathy*, 2022, vol. 111, no. 3, s. 217-225
- [1] (2022) NWAHARA, N. et al. Dual singlet oxygen and nitric oxide-releasing silicon phthalocyanine for augmented photodynamic therapy. In *Materials Today Chemistry*, 2022, vol. 26, art. no. 101201
- [1] (2023) LI, Q. et al. POLYDATIN AMELIORATES TRAUMATIC BRAIN INJURY-INDUCED SECONDARY BRAIN INJURY BY INHIBITING NLRP3-INDUCED NEUROINFLAMMATION ASSOCIATED WITH SOD2 ACETYLATION. In *Shock*, 2023, roč. 59, č. 3, s. 460-468.
- [1] (2023) LIU, Xingran et al. Multifunctional 3D-printed bioceramic scaffolds: Recent strategies for osteosarcoma treatment. In *Journal of Tissue Engineering*, 2023, roč. 14
- [1] (2023) OKON, Estera - GAWEL-BEBEN, Katarzyna - JARZAB, Agata - KOCH, Wojciech - KUKULA-KOCH, Wirginia - WAWRUSZAK, Anna. Therapeutic Potential of 1,8-Dihydroanthraquinone Derivatives for Breast Cancer. In *International journal of molecular sciences*, 2023, roč. 24, č. 21.
- [1] (2023) PENG, Zhaolei - LU, Jing - LIU, Kai - XIE, Long - WANG, Yulin - CAI, Chunyan - YANG, Dejun - XI, Jingjing - YAN, Chunmei - LI, Xiaofang - SHI, Mingyi. Hypericin as a promising natural bioactive naphthodianthrone: A review of its pharmacology, pharmacokinetics, toxicity, and safety. In *Phytotherapy Research [online]* 2023.
- [1] (2023) SUN, Z. et al. Hypericum sampsonii Hance: a review of its botany, traditional uses, phytochemistry, biological activity, and safety. In *Frontiers in Pharmacology*, 2023, vol. 14, art. no. 1247675
- [1] (2023) WU, Jing-Jing - ZHANG, Jia - XIA, Cong-Yuan - DING, Kang - LI, Xin-Xin - PAN, Xue-Ge - XU, Jie-Kun - HE, Jun - ZHANG, Wei-Ku. Hypericin: A natural anthraquinone as promising therapeutic agent. In *Phytomedicine*, 2023, roč. 111, art.no. 154654
- [1] (2024) ABIYANA, Setya Rini - SANTOSO, Setiyo Budi - PRIBADI, Prasjo - HAPSARI, Widarika Santi - SYARIFUDDIN, Alfian. From the Drugbank Application to the Novel Drugs: A Pharmacogenomic Summary. In *The 1st International Conference on Environment, Green Technology, and Digital Society. Les Ulis Cedex : Édition Diffusion Presse Sciences*, 2024. , art. no. 04002..
- [1] (2024) AJUWON, Olawale Razaq - NSOLE-BITEGHE, Fleury Augustine - NDONG, Jean Delacroix - DAVIDS, Lester Merlin - AJIBOYE, Basiru Olaitan - BRAI, Bartholomew - BAMISAYE, Fisayo Abraham - FALODE, John Adeolu - ODOH, Ikenna Maximillian - ADEGBITE, Kabirat Iyabode - ADEGOKE, Bosede Oluwasayo - NTWASA, Monde - LEBELO, Sogolo Lucky - AYELESO, Ademola Olabode. Nrf2-Mediated Antioxidant Response and Drug Efflux Transporters Upregulation as Possible Mechanisms of Resistance in Photodynamic Therapy of Cancers. In *OncoTargets and Therapy*, 2024, roč. 17, s. 605-627.
- [1] (2024) HUANG, Xiaojiang - ZHAN, Yifeng - XIAO, Zhixin - HE, Shibo - HU, Lifei - ZHU, Hongda - GUO, Huiling - SUN, Hongmei - LIU, Mingxing. Photodynamic antibacterial research on hypericin-loaded PEGylated mesoporous silica delivery system. In *Journal of biomaterials science. Polymer edition*, 2024, roč. 35, č. 12, s. 1795-1818.
- [1] (2024) OLIVEIRA, Douglas D.S. - DIT LAPIERRE, Thibault J.W.Jacques - SILVA, Fernanda C. - CUNHA, Ieda V. - SOUZA, Rafael A.C. - MATOS, Patrícia A. - ALMEIDA, Gustavo M. - OLIVEIRA, Carolina G. - ARAÚJO, Thaise G. - TSUBONE, Tayana M. - REZENDE, Celso O.. Advances in Breast Cancer Drug Discovery: A Review of Therapeutic Strategies and Studies Involving Photosensitizers, Caged Xanthenes and Thiosemicarbazones Derivatives. In *Journal of the Brazilian Chemical Society*, 2024, roč. 35, č. 1, art. no. e20230128
- [1] (2024) UDOMSAK, Wachirawit - KUCINSKA, Malgorzata - POSPIESZNA, Julia - DAMS-KOZLOWSKA, Hanna - CHATUPHONPRASERT, Waranya - MURIAS, Marek. Antioxidant Enzymes in Cancer Cells: Their Role in Photodynamic Therapy Resistance and Potential as Targets for Improved Treatment Outcomes. In *International journal of molecular sciences*, 2024, roč. 25, č. 6.
- [1] (2024) ZHOU, Yi - ZOU, Pingjin - CHEN, Xingmin - CHEN, Ping - SHI, Min - LANG, Jinyi - CHEN, Meihua. Overcoming Barriers in Photodynamic Therapy Harnessing Nanogenerators Strategies. In *International Journal of Biological Sciences [online]* 2024, roč. 20, č. 14, s. 5673-5694.
- [1] (2025) FAKUDZE, Nosipho T. - SARBADHIKARY, Paromita - ABRAHAMSE, Heidi - GEORGE, Blassan P.. Dose response cytotoxicity studies with naturally derived photosensitizers

against cancer cells. In Journal of Physics: Conference Series. Bristol : IOP Publishing, 2025. , 12013.

[1] (2025) JANASZEWSKA, Anna - GRUSZKA, Renata - SZTANDERA, Krzysztof - KNAUER, Nadezhda - ARKHIPOVA, Valeria - GÓMEZ, Rafael - MAJORAL, Jean Pierre - APARTSIN, Evgeny K. - KLAJNERT-MACULEWICZ, Barbara. Assessing the in vivo Safety of Dendrimer-Based Formulations Used in Photodynamic Therapy. In International Journal of Nanomedicine, 2025, roč. 20, s. 12751-12765.

[1] (2025) LIU, Qiang - YU, Rong. Optimization of tumor photodynamic therapy strategies based on nanotechnology. In Journal of drug delivery science and technology, 2025, č. 111, art. no. 107202

[1] (2025) MA, Bo - MIAO, Yuanxin - XU, Yan - LI, Feng - ZHU, Deyan - LI, Rong - HUANG, Yechuan. Evaluation of the antioxidant activity of the puerarin - β - lactoglobulin complex in vitro and in vivo. In NPJ science of food, 2025, roč. 9, č. 1.

[1] (2026) SHILYAGINA, Natalia - SANNOVA, Yevgeniya - TURUBANOVA, Victoria - BALALAEVA, Irina. Photo- and Immunotherapy Interface: Can Dendritic Cell Vaccines Overcome the Limitations of PDT?. In Pharmaceutics, 2026, roč. 18, č. 5.

[2] (2025) SUBASRI, Pandian - SURYA, Ravi - THENMOZHI, Arokiasamy Justin - MANIVASAGAM, Thamilarasan - SELVAMUTHUKUMARAN, Thirunavukkarasu. Antioxidant Role of Hypericin on Ultraviolet-C Radiation Mediated Carcinogenesis in Drosophila Melanogaster. In Uttar Pradesh Journal of Zoology, 2025, roč. 46, č. 15, s. 204-215.

SSEP 017658

ADC Anti-cancer effect of tacrine-coumarin derivatives on diverse human and mouse cancer cell lines / 36 Zuzana Solárová ... [et al.].

In: Acta Chimica Slovenica. - ISSN 1318-0207. - Roč. 65, č. 4 (2018), s. 875-881.

10.17344/acsi.2018.4519 DOI;DOI; WOS; SCOPUS; CCC;

2018 SJR=0,269; 2018 CiteScore=1,7; 2018 SNIP=0,452; **2018 IF=1.076**; 2018 Q3(Chemistry (miscellaneous)) Scimago; **2018 Q4(Chemistry, multidisciplinary) JCR**

[OV 180];

[SOLÁROVÁ, Zuzana (Autor, 70%) - KELLO, Martin (Autor, 10%) - HAMULÁKOVÁ, Slávka (Autor, 5%) - MIROSSAY, Ladislav (Autor, 5%) - SOLÁR, Peter (Autor, 10%)]

Kategórie ohlasov do roku 2021: (5)

[1] (2019) ZHANG, Longfei - XU, Zhi. Coumarin-containing hybrids and their anticancer activities. In European Journal of Medicinal Chemistry, 2019, č. 181.

[1] (2020) YERER, Mukerrem Betul - DAYAN, Serkan - IHSAN HAN, M. - SHARMA, Ajay - TULI, Hardeep Singh - SAK, Katrin. Nanoformulations of coumarins and the hybrid molecules of coumarins with potential anticancer effects. In Anti-cancer agents in medicinal chemistry, 2020, roč. 20, č. 15, s. 1797-1816.

[1] (2021) BHATTARAI, Narayan - KUMBHAR, Anupa A. - POKHAREL, Yuba Raj - YADAV, Paras Nath. Anticancer Potential of Coumarin and its Derivatives. In Mini reviews in medicinal chemistry, 2021, roč. 21, č. 19, s. 2996-3029.

[1] (2021) RICHBART, Stephen D. - MERRITT, Justin C. - NOLAN, Nicholas A. - DASGUPTA, Piyali. Acetylcholinesterase and human cancers. In Advances in Cancer Research. 2021. ISBN 9780128241257, s. 1-66.

[1] (2021) ZHANG, Qihong - YU, Xia. Current scenario of acridine hybrids with anticancer potential. In Current Topics in Medicinal Chemistry, 2021, roč. 21, č. 19, s. 1773-1786.

Kategórie ohlasov od roku 2022: (4)

[1] (2023) KOLEY, Manankar - HAN, Jianlin - SOLOSHONOK, Vadim A. - MOJUMDER, Subhajit - JAVAHERSHENAS, Ramin - MAKAREM, Ata. Latest developments in coumarin-based anticancer agents: mechanism of action and structure-activity relationship studies. In RSC Medicinal Chemistry, 2023, roč. 15, č. 1, s. 10-54.

[1] (2024) MISIR, Büşra A. - DERIN, Yavuz - ÖKTEN, Salih - AYDIN, Ali - KOÇYIĞIT, Ümit M. - ŞAHİN, Hatice - TUTAR, Ahmet. Novel diarylated tacrine derivatives: Synthesis, characterization, anticancer, antiepileptic, antibacterial, and antifungal activities. In Journal of biochemical and molecular toxicology, 2024, roč. 38, č. 4, art. no. e23706

[1] (2025) REDDY, Mangari Madhusudhan - ABHITHAJ, J. - REDDY, Eeda Koti - ANWAR, Shaik - SADASIVAN, C.. Synthesis, docking, in vitro and in silico investigations of novel tacrine

derivatives as acetylcholinesterase inhibitors. In *Organic & Biomolecular Chemistry*, 2025, roč. 23, č. 28, s. 6773-6784.

[1] (2025) SINGH, Vipendra Kumar - SINGH, Vikas Kumar - MEHARA, Arjun Kumar - MAHTO, Vikky Kumar - SINGH, Ankit Kumar. Antigenotoxic and antitumor properties of polyphenols. In *Bioactive Polyphenols for Health and Pathology Treatment*. Amsterdam : Elsevier, 2025. ISBN 9780443138218, S. 251-282.

MSEP 030514

ADC Beta-escin effectively modulates HUVECs proliferation and tube formation / = β -escin účinne ovplyvňuje HUAVECS proliferáciu a formovanie ciev

37 In: *Molecules*. - ISSN 1420-3049. - Roč. 23, č. 1 (2018), art. no. 197, s. [1-15]. Projekt: Vplyv prírodných látok na nádorové mikroprostredie - VEGA 1/0753/17 ; Modulácia hojenia rán rastlinnými extraktmi u zdravých a diabetických potkanov so zameraním na repík lekárske - VEGA 1/0561/18 ; Bunkové interakcie v nádorovom mikroprostredí a ich farmakologické ovplyvnenie - APVV APVV-16-0446 ; Genistein a estrogénová signalizácia: sľubná molekula zlepšujúca hojenie rán u postmenopauzálnych žien? - APVV APVV-16-0207 ; Galektíny a angiogenéza - APVV APVV-0408-12 ; Synergický účinok sekundárnych metabolitov rastlín a produktov probiotických baktérií na inhibíciu biofilm tvoriacich patogénov - APVV APVV-15-0377 ; Galektíny ako potencionálne modulátory mikroprostredia nádoru/rany - APVV APVV-14-0731. 10.3390/molecules23010197 DOI;DOI; CCC; SCOPUS; WOS; **2018 IF=3,060; 2018 SNIP=1,217; 2018 SJR=0.757; 2018 CiteScore=4,1; 2018 Q2(Biochemistry & molecular biology) JCR; 2018 Q2(Chemistry, multidisciplinary) JCR; 2018 Q1(Chemistry (miscellaneous)) Scimago; 2018 Q1(Pharmaceutical science) Scimago; 2018 Q2(Analytical chemistry) Scimago; 2018 Q2(Drug discovery) Scimago; 2018 Q2(Medicine (miscellaneous)) Scimago; 2018 Q2(Organic chemistry) Scimago; 2018 Q2(Physical and theoretical chemistry) Scimago; 2018 Q3(Molecular medicine) Scimago** [OV 200, 180];

[VARINSKÁ, Lenka (Autor, 23%) - FÁBER, Lenka (Autor, 23%) - KELLO, Martin (Autor, 7%) - PETROVOVÁ, Eva (Autor, 7%) - SOLÁR, Peter (Autor, 3%) - URDZÍK, Peter (Autor, 3%) - MOJŽIŠ, Ján (Autor, 5%) - ŠVAJDLENKA, Emil (Autor, 3%) - MUČAJI, Pavel (Autor, 5%) - GÁL, Peter (Autor, 11%) - ČOMA, Matúš (Autor, 3%) - BALÁŽOVÁ, Ľudmila (Autor, 7%)]

Kategórie ohlasov do roku 2021: (7)

[1] (2020) ČUKANOVIĆ, Jelena - TEŠEVIĆ, Vele - JADRANIN, Milka - LJUBOJEVIĆ, Mirjana - MLADENOVIĆ, Emina - KOSTIĆ, Saša. Horse chestnut (*Aesculus hippocastanum* L.) seed fatty acids, flavonoids and heavy metals plasticity to different urban environments. In *Biochemical Systematics and Ecology*, 2020, roč. 89.

[1] (2020) ZANFIRESCU, Anca - NITULESCU, Georgiana - STANCOV, Gheorghe - RADULESCU, Denise - TRIF, Cosmin - NITULESCU, George Mihai - NEGRES, Simona - OLARU, Octavian Tudorel. Evaluation of topical anti-inflammatory effects of a gel formulation with plantago lanceolata, achillea millefolium, aesculus hippocastanum and taxodium distichum. In *Scientia Pharmaceutica* [online] 2020, roč. 88, č. 2.

[1] (2021) DURANTE, Caterina - COCCHI, Marina - LANCELLOTTI, Lisa - MALETTI, Laura - MARCHETTI, Andrea - RONCAGLIA, Fabrizio - SIGHINOLFI, Simona - TASSI, Lorenzo. Analytical Concentrations of Some Elements in Seeds and Crude Extracts from *Aesculus hippocastanum*, by ICP-OES Technique. In *Agronomy*, 2021, roč. 11, č. 1.

[1] (2021) ŠEMELÁKOVÁ, Martina - MALINIČOVÁ, Lenka - MACEJOVÁ, Mária - PRISTAŠ, Peter. CYP3A gene variability and cancer cells response to the treatment. In *General physiology and biophysics* [online] 2021, roč. 40, č. 1, s. 49-59.

[1] (2021) SHARIPOV, Avez - TURSUNOV, Khurshid - FAZLIEV, Sunnatullo - AZIMOVA, Bahtigul - RAZZOKOV, Jamoliddin. Hypoglycemic and anti-inflammatory effects of triterpene glycoside fractions from *aeculus hippocastanum* seeds. In *Molecules*, 2021, roč. 26, č. 13, art. no. 3784

[1] (2021) SUI, Tongtong - QIU, Bojun - QU, Jiaorong - WANG, Yuxin - RAN, Kunnian - HAN, Wei - PENG, Xiaozhong. Gambogic amide inhibits angiogenesis by suppressing VEGF/VEGFR2 in endothelial cells in a TrkA-independent manner. In *Pharmaceutical Biology*, 2021, roč. 59, č. 1, s. 1566-1575.

- [1] (2021) YANG, Ting - JIANG, Yi Xin - WU, Ye - LU, Dong - HUANG, Rui - WANG, Long Ling - WANG, Shi Qi - GUAN, Ying Yun - ZHANG, Hong - LUAN, Xin. Resibufogenin Suppresses Triple-Negative Breast Cancer Angiogenesis by Blocking VEGFR2-Mediated Signaling Pathway. In *Frontiers in pharmacology*, 2021, roč. 12, art. no. 682735
- Kategorie ohlasov od roku 2022: (14)
- [1] (2022) FEI, Cailian - HAN, Yuehao - WANG, Zhipeng - LU, Dongyuan - LI, Hanglin - CHEN, Wan Sheng - GAO, Shouhong - YIN, You. LC-MS/MS method for quantifying aescinate A and B and assessing their relationship with phlebitis. In *Analytical Biochemistry*, 2022, č. 646, art. no. 114636
- [1] (2022) PARK, Soeun - PARK, Jung Min - PARK, Minsu - KO, Dongmi - KIM, Seongjae - SEO, Juyeon - NAM, Kee Dal - JUNG, Eunsun - FARRAND, Lee - KIM, Yoon Jae - KIM, Ji Young - SEO, Jae Hong. β -Escin overcomes trastuzumab resistance in HER2-positive breast cancer by targeting cancer stem-like features. In *Cancer cell international*, 2022, roč. 22, č. 1.
- [1] (2022) YANG, Tianye - WANG, Xiaoli - GUO, Liang - ZHENG, Fang - MENG, Chun - ZHENG, Yongzheng - LIU, Guanghui. Daphnetin inhibits corneal inflammation and neovascularization on a mouse model of corneal alkali burn. In *International immunopharmacology*, 2022, roč. 103.
- [1] (2023) FAZLIEV, Sunnatullo - TURSUNOV, Khurshid - RAZZOKOV, Jamolidin - SHARIPOV, Avez. Escin's Multifaceted Therapeutic Profile in Treatment and Post-Treatment of Various Cancers: A Comprehensive Review. In *Biomolecules*, 2023, roč. 13, č. 2.
- [1] (2023) GWOZDZINSKI, Lukasz - BERNASINSKA-SLOMCZEWSKA, Joanna - HIKISZ, Pawel - WIKTOROWSKA-OWCZAREK, Anna - KOWALCZYK, Edward - PIENIAZEK, Anna. The Effect of Diosmin, Escin, and Bromelain on Human Endothelial Cells Derived from the Umbilical Vein and the Varicose Vein—A Preliminary Study. In *Biomedicines*, 2023, roč. 11, č. 6.
- [1] (2023) LI, Baikun - ZHU, Ting - WU, Xiaohong - CHEN, Shiyu - LU, Chen - ZHU, Jimin - LI, Qinglin. The crosstalk between lung cancer cells and platelets promotes tumor angiogenesis in vivo and in vitro. In *Journal of cancer research and clinical oncology*, 2023, roč. 149, č. 7, s. 3495-3511.
- [1] (2023) YOU, Man - FU, Junmin - LV, Xingzhi - WANG, Lan - WANG, Hongwei - LI, Ruifang. Saikosaponin b2 inhibits tumor angiogenesis in liver cancer via down-regulation of VEGF/ERK/HIF-1 α signaling. In *Oncology Reports*, 2023, roč. 50, č. 1.
- [1] (2023) ZHANG, Bo - QIN, Jie. LINC00659 exacerbates endothelial progenitor cell dysfunction in deep vein thrombosis of the lower extremities by activating DNMT3A-mediated FGF1 promoter methylation. In *Thrombosis journal*, 2023, roč. 21, č. 1, art. no. 24
- [1] (2024) KAMYAB, Seyedeh Sara - MOGHE, Alpina S. - NANDI, Shyam S. - SAWANT, Sonali A.. Inhibitory effect of ink derived from Indian *Loligo duvauceli* squid against HIF1 α induced angiogenesis. In *Journal of applied pharmaceutical science*, 2024, roč. 14, č. 11, s. 243-251.
- [1] (2024) KAMYAB, Seyedeh Sara - MOGHE, Alpina Subodh - SAWANT, Sonali Ankush - NANDI, Shyam Sunder. In-Vitro Evaluation of the Anti-Angiogenic Effects of Three Evergreen Plants. In *Research Journal of Pharmacognosy*, 2024, roč. 11, č. 3, s. 41-52.
- [1] (2024) WANG, Danhong - LIU, Xiaozhen - HONG, Weimin - XIAO, Tianzheng - XU, Yadan - FANG, Xiang - TANG, Hongchao - ZHENG, Qinghui - MENG, Xuli. Muscone abrogates breast cancer progression through tumor angiogenic suppression via VEGF/PI3K/Akt/MAPK signaling pathways. In *Cancer cell international*, 2024, roč. 24, č. 1.
- [1] (2024) WU, Xiayi - XU, Chunxin - FENG, Junming - WU, Shiyu - LIU, Runheng - QIAO, Wei - LUO, Xin - CHEN, Shoucheng - LI, Zhipeng - CHEN, Zhuofan. Fluorinated Porcine Bone-Derived Hydroxyapatite Promotes Vascularized Osteogenesis by Coordinating Human Bone Marrow Mesenchymal Stem Cell/Human Umbilical Vein Endothelial Cell Complexes. In *Bioengineering*, 2024, roč. 11, č. 12.
- [1] (2025) LIN, Yingying - WANG, Xin - LI, Yanyan - CUI, Xinyu - ZHU, Na - LI, Xin. Bioinformatics analysis and experimental validation of C6orf120 as a potential prognostic marker and therapeutic target for liver hepatocellular carcinoma. In *Biomolecules and biomedicine*, 2025, roč. 25, č. 4, s. 925-939.
- [1] (2025) YAN, Linyin - ZHANG, Yu - LI, Yanqiang - DAI, Decai - ZHU, Jianjun - CHEN, Yue - XIAO, Wei. Efficacy and mechanism of escin in improving the tissue microenvironment of blood vessel walls via anti-inflammatory and anticoagulant effects: Implications for clinical practice. In *Open Life Sciences*, 2025, roč. 20, č. 1.

- ADC Dietary phytochemicals in breast cancer research: anticancer effects and potential utility for effective chemoprevention [elektronický zdroj] /
 38 In: Environmental Health and Preventive Medicine. - ISSN 1347-4715. - Roč. 23, č. 1 (2018), art. no. 36, s. [1-18]. - Spôsob prístupu:
http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000441268100001. Projekt: Hodnotenie protinádorových účinkov rastlinných funkčných potravín v modeli rakoviny prsníka - VEGA 1/0108/16 ; Analýza parametrov apoptózy, angiogenézy a proliferácie v karcinómoch mliečnej žľazy potkana po liečbe fytofarmakami - Granty UK UK/44/2014 ; Martinské centrum pre biomedicínu (BioMed Martin) - ITMS ITMS 26220220187 ; Kompetenčné centrum pre výskum a vývoj v oblasti diagnostiky a terapie onkologických ochorení - ITMS ITMS 26220220153 ; Úloha mikroRNA v karcinóme prsníka: biologický význam, cielené molekuly a signálne dráhy - APVV APVV-16-0021. 10.1186/s12199-018-0724-1 DOI;DOI; SCOPUS; CCC; WOS;
2018 IF=1,568; 2018 Q3 (Public, environmental & occupational health) JIF
 [OV 180];
 [KAPINOVÁ, Andrea (Autor, 35%) - KUBATKA, Peter (Autor, 20%) - GOLUBNITSCHAJA, Olga (Korešpondenčný autor, 10%) - KELLO, Martin (Autor, 10%) - ŽÚBOR, Pavol (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - PÉČ, Martin (Autor, 5%)]
 Kategórie ohlasov do roku 2021: (58)
 [1] (2019) ABBASI, Banzeer Ahsan - IQBAL, Javed - AHMAD, Riaz - BIBI, Sitara - MAHMOOD, Tariq - KANWAL, Sobia - BASHIR, Sheeza - GUL, Farhat - HAMEED, Safia. Potential phytochemicals in the prevention and treatment of esophagus cancer: A green therapeutic approach. In Pharmacological Reports, 2019, roč. 71, č. 4, s. 644-652.
 [1] (2019) DAS, N. et al. Breast cancer and phytochemicals: the current perspective. In IIOAB Journal, 2019. vol. 10, no. 3, s. 27-33.
 [1] (2019) GALVÃO DE PODESTÁ, Olívia Perim - PERES, Stela Verzinhasse - SALAROLI, Luciane Bresciani - CATTAFESTA, Monica - VASCONCELOS DE PODESTÁ, José Roberto - VENTORIN VON ZEIDLER, Sandra Lúcia - DE OLIVEIRA, José Carlos - KOWALSKI, Luiz Paulo - IKEDA, Mauro Kasuo - BRENNAN, Paul - CURADO, Maria Paula. Consumption of minimally processed foods as protective factors in the genesis of squamous cell carcinoma of the head and neck in Brazil. In PLoS One, 2019, roč. 14, č. 7.
 [1] (2019) NICOLAI, Marisa - ALMEIDA, Nuno - RIJO, Patrícia - COSTA, João Guilherme - SARAIVA, Nuno - FERNANDES, Ana Sofia. Cytotoxic effect of antioxidants found in food from plant origin on human osteosarcoma U2OS cells. In Biomedical and Biopharmaceutical Research, 2019, roč. 16, č. 1, s. 86-96.
 [1] (2019) ROCHA, João - DIREITO, Rosa - LIMA, Ana - MOTA, Joana - GONÇALVES, Margarida - DUARTE, Maria Paula - SOLAS, João - PENICHE, Bruno Felício - FERNANDES, Adelaide - PINTO, Rui - FERREIRA, Ricardo Boavida - SEPODES, Bruno - FIGUEIRA, Maria Eduardo. Reduction of inflammation and colon injury by a Pennyroyal phenolic extract in experimental inflammatory bowel disease in mice. In Biomedicine & Pharmacotherapy, 2019, č. 118.
 [1] (2019) TAIBI, Amel - LIN, Zhen - TSAO, Rong - THOMPSON, Lilian U. - COMELLI, Elena M.. Effects of flaxseed and its components on mammary gland mirnome: Identification of potential biomarkers to prevent breast cancer development. In Nutrients, 2019, roč. 11, č. 11.
 [1] (2019) UCAR, Meltem - DEGER, Orhan. Morphological evaluation of MDA-MB-231 human breast cancer cells treated with DMEM extract of Turkish propolis. In Tropical journal of pharmaceutical research, 2019, roč. 18, č. 5, s. 935-939.
 [1] (2019) ZHANG, Jianyong - WANG, Bin - ZHAO, Bosheng - LI, Yanqing - ZHAO, Xiuyun - YUAN, Zuoqing. Blueberry anthocyanin alleviate perfluorooctanoic acid-induced toxicity in planarian (*Dugesia japonica*) by regulating oxidative stress biomarkers, ATP contents, DNA methylation and mRNA expression. In Environmental Pollution, 2019, č. 245, s. 957-964.
 [1] (2020) AKELLA, Manasa - MALLA, Rama Rao. Molecular modeling and in vitro study on pyrocatechol as potential pharmacophore of CD151 inhibitor. In Journal of Molecular Graphics & Modelling, 2020, roč. 100, č. článku 107681
 [1] (2020) AKRAM, Muhammad - RIAZ, Muhammad - WADOOD, Abdul Wadood Chishti - HAZRAT, Ali - MUKHTIAR, Muhammad - AHMAD ZAKKI, Shahbaz - DANIYAL,

- Muhammad - SHARIATI, Mohammad Ali - SAID KHAN, Fahad - ZAINAB, Rida. Medicinal plants with anti-mutagenic potential. In *Biotechnology & biotechnological equipment*, 2020, roč. 34, č. 1, s. 309-318.
- [1] (2020) ARROYO-ACEVEDO, Jorge - HERRERA-CALDERON, Oscar - TINCO-JAYO, Johnny - ROJAS-ARMAS, Juan - RAUF, Abdur - HANARI-QUISPE, Renán - FIGUEROA-SALVADOR, Linder - FERNÁNDEZ-GUZMÁN, Victor - YULI-POSADAS, Ricardo. Ameliorative effect of the oral administration of *Chuquiraga spinosa* in a murine model of breast cancer induced with 7,12-Dimethylbenz[a]anthracene (DMBA). In *Pharmacognosy Journal* [online] 2020, roč. 12, č. 3, s. 562-568.
- [1] (2020) BISOLI, Eder - FREIRE, Talita Vilalva - YOSHIDA, Nidia Cristiane - GARCEZ, Walmir Silva - QUEIROZ, Lyara Meira Marinho - MATOS, Maria de Fatima Cepa - PERDOMO, Renata Trentin - GARCEZ, Fernanda Rodrigues. Cytotoxic Phenanthrene, Dihydrophenanthrene, and Dihydrostilbene Derivatives and Other Aromatic Compounds from *Combretum laxum*. In *Molecules*, 2020, roč. 25, č. 14, č. článku 3154
- [1] (2020) CALVANI, Maura - PASHA, Amada - FAVRE, Claudio. Nutraceutical boom in cancer: Inside the labyrinth of reactive oxygen species. In *International journal of molecular sciences*, 2020, roč. 21, č. 6, č. článku 1936
- [1] (2020) COSQUILLO-RAFAEL, Martha Francisca - PLACENCIA-MEDINA, Maritza D. - MIRANDA-TOMASEVICH, Tomás Y. - MORENO-HINOJOSA, Miriam - RETUERTO-FIGUEROA, Mónica G.. In vitro cytotoxic and genotoxic effect of the crude and ethanolic extract from the rhizome of *curcuma longa* L.. In *Revista peruana de medicina experimental y salud pública*, 2020, roč. 37, č. 3, s. 454-461.
- [1] (2020) FIORENTINO, Susana - URUENA, Claudia - LASSO, Paola - PRIETO, Karol - BARRETO, Alfonso. Phyto-immunotherapy, a complementary therapeutic option to decrease metastasis and attack breast cancer stem cells. In *Frontiers in Oncology*, 2020, roč. 10, art. no. 1334
- [1] (2020) HASANPOOR, Zahra - MOSTAFAIE, Ali - NIKOKAR, Iraj - HASSAN, Zuhair Mohammad. Curcumin-human serum albumin nanoparticles decorated with PDL1 binding peptide for targeting PDL1-expressing breast cancer cells. In *International Journal of Biological Macromolecules*, 2020, č. 159, s. 137-153.
- [1] (2020) KUSHWAHA, Prem Prakash - SINGH, Atul Kumar - PRAJAPATI, Kumari Sunita - SHUAIB, Mohd - FAYEZ, Shaimaa - BRINGMANN, Gerhard - KUMAR, Shashank. Induction of apoptosis in breast cancer cells by naphthylisoquinoline alkaloids. In *Toxicology and Applied Pharmacology*, 2020, č. 409.
- [1] (2020) NOURIEMAMZADEN, Fatemeh - WORD, Beverly - COTTON, Ebony - HAWKINS, Anfernee - LITTLEJOHN, Kai - MOORE, Rhonda - MIRANDA-CARBON, Gustav - ORISH, Chinna Nneka - LYN-COOK, Beverly. Modulation of estrogen α and progesterone receptors in triple negative breast cancer cell lines: The effects of vorinostat and indole-3-carbinol in vitro. In *Anticancer Research*, 2020, roč. 40, č. 7, s. 3669-3683.
- [1] (2020) ONDEE, Suchanuch - SITHISARN, Pongtip - MANGMOOL, Supachoke - ROJSANGA, Piyanuch. Chemical standardization and anti-proliferative activity of *ardisia elliptica* fruit against the HCT116 human colon cancer cell line. In *Molecules*, 2020, roč. 25, č. 5, č. článku 1023
- [1] (2020) PAPAKOSTA, Konstantina - GRAFAKOU, Maria Eleni - BARDA, Christina - KOSTOPOULOS, Ioannis V. - TSITSILONIS, Ourania - SKALTSA, Helen. Cytotoxicity and anti-cancer activity of the genus *achillea* L.. In *Current Medicinal Chemistry*, 2020, roč. 27, č. 41, s. 6910-6925.
- [1] (2020) ROCHA, João - LEANDRO, Raquel - DIREITO, Rosa - GONÇALVES, Margarida - DUARTE, Maria Paula - FERNANDES, Adelaide - SEPODES, Bruno - FIGUEIRA, Maria Eduardo. Attenuation of colonic injury and inflammation by administration of a phenolic extract of summer savory (*Satureja hortensis* L.) in experimental inflammatory bowel disease in mice. In *Applied sciences*, 2020, roč. 10, č. 23, s. 1-19, č. článku 8465
- [1] (2020) SCHEAU, Cristian - MIHAI, Livia, Gratiela - BADARAU, Ioana, Anca - CARUNTU, Constantin. Emerging applications of some important natural compounds in the field of oncology. In *Farmacia* [online] 2020, roč. 68, č. 5, s. 984-989.
- [1] (2020) SOUSA, Diana P. - POJO, Marta - PINTO, Ana T. - LEITE, Valeriano - SERRA, Ana Teresa - CAVACO, Branca M.. Nobiletin Alone or in Combination with Cisplatin Decreases the

- Viability of Anaplastic Thyroid Cancer Cell Lines. In *Nutrition and Cancer*, 2020, roč. 72, č. 2, s. 352-363.
- [1] (2020) UDDIN, Md Nazim - SAMAD, Md Abdus - ZUBAIR, Md Abu - HAQUE, Md Zahurul - MITRA, Kanika - KHAN, Tanzir Ahmed - HOSSAIN, Md Amir - SYED, Ashikujaman - AFROZE, Aklima. Potential bioactive phytochemicals, antioxidant properties and anticancer pathways of *Nymphaea nouchali*. In *Asian Pacific Journal of Tropical Biomedicine*, 2020, roč. 10, č. 12, s. 555-562.
- [1] (2020) VESNINA, Anna D. - DMITRIEVA, Anastasia I. - ASYAKINA, Lyudmila K. - VELICHKOVICH, Natalia S. - PROSEKOV, Alexander Yu. Relevance of the use of plant extracts in the creation of functional products that have a geroprotective effect. In *International journal of pharmaceutical research*, 2020, roč. 12, č. 3, s. 1865-1879.
- [1] (2020) XIE, Mingsi - LIU, Jie - WANG, Ziyuan - SUN, Baoguo - WANG, Jing. Inhibitory effects of 5-heptadecylresorcinol on the proliferation of human MCF-7 breast cancer cells through modulating PI3K/Akt/mTOR pathway. In *Journal of Functional Foods* [online] 2020, č. 69, čl.č. 103946 .
- [1] (2021) ABDRAHMAN, Mohamed E. - DAW, Daw S. - ABOUEL-EZZ, Ali M. - EL-KHOLY, Wafaa M.. Impact of the phytochemicals cocktail “breast safeguard” in regulating the interplay between redox signalling and murine adenocarcinoma cell proliferation, survival and angiogenesis. In *Heliyon*, 2021, roč. 7, č. 7, art. no. e07562
- [1] (2021) ALLEGRI, Lorenzo - DOMENIS, Rossana - NAVARRA, Michele - CELANO, Marilena - RUSSO, Diego - CAPRIGLIONE, Francesca - DAMANTE, Giuseppe - BALDAN, Federica. Dihydrotanshinone exerts antitumor effects and improves the effects of cisplatin in anaplastic thyroid cancer cells. In *Oncology Reports*, 2021, roč. 46, č. 3, art. no. 204
- [1] (2021) ARIFFIN, Muhammad Mirza - KHONG, Heng Yen - NYOKAT, Nyotia - LIEW, Gee Moi - HAMZAH, Ahmad Sazali - BOONPISUTTINANT, Korawinwich. In vitro antibacterial, antioxidant, and cytotoxicity evaluations of *Musa paradisiaca* cv. Sekaki florets from Sarawak Malaysia. In *Journal of applied pharmaceutical science*, 2021, roč. 11, č. 5, s. 91-99.
- [1] (2021) BALAKRISHNAN, Biju - LIANG, Qi - FENIX, Kevin - TAMANG, Bunu - HAUBEN, Ehud - MA, Linlin - ZHANG, Wei. Combining the anticancer and immunomodulatory effects of astragalus and shiitake as an integrated therapeutic approach. In *Nutrients*, 2021, roč. 13, č. 8, art. no. 2564
- [1] (2021) BHATTACHARYA, Tanima - DUTTA, Soumam - AKTER, Rokeya - RAHMAN, Md Habibur - KARTHIKA, Chenmala - NAGASWARUPA, Hechanur Puttappa - MURTHY, Hanabe Chowdappa Ananda - FRATILA, Ovidiu - BRATA, Roxana - BUNGĂU, Simona G.. Role of phytonutrients in nutrigenetics and nutrigenomic perspective in curing breast cancer. In *Biomolecules*, 2021, roč. 11, č. 8, art. no. 1176
- [1] (2021) BUDIMAN, Mochamad Rizki - WIRASWATI, Hesti Lina - REZANO, Andri. Purple sweet potato phytochemicals: Potential chemo-preventive and anticancer activities. In *Open Access Macedonian Journal of Medical Sciences*, 2021, roč. 9, s. 288-298.
- [1] (2021) CANSARAN-DUMAN, D. - YANGIN, Sevcin - COLAK, Betül. The role of vulpinic acid as a natural compound in the regulation of breast cancer-associated miRNAs. In *Biological Research*, 2021, roč. 54, č. 1, art.no. 37
- [1] (2021) DEENA, Priscilla H. - JASMINE, R.. MCF-7 cells - A model towards breakthrough in breast cancer therapy. In *Horizons in Cancer Research*. Volume 81. Hauppauge : NOVA Science Publishers, 2021. ISBN 9781536199307, s. 119-145.
- [1] (2021) ELTAYEB, Nagla Mustafa - AL-AMIN, Mohammad - YOUSIF, Aiman Mohammed - BALAKRISHNAN, Venugopal - SALHIMI, Salizawati Muhamad. *Catharanthus roseus* L. extract downregulates the expression profile of motility-related genes in highly invasive human breast cancer cell line MDA-MB-231. In *Biologia*, 2021, roč. 76, č. 3, s. 1017-1032.
- [1] (2021) GABR, Sami A. - ALGHADIR, Ahmad H.. Network Pharmacology Combined with Molecular Docking, Molecular Dynamics, and In Vitro Experimental Validation 2021, roč. 41, č. 5, s. 1-22.
- [1] (2021) GABR, Sami A. - ALGHADIR, Ahmad H.. Potential anticancer activities of *Rhus coriaria* (sumac) extract against human cancer cell lines. In *Bioscience reports*, 2021, roč. 41, č. 5, s. 1-22.
- [1] (2021) GIANI, Micaela - MONTOTOYO-PUJOL, Yoel Genaro - PEIRÓ, Gloria - MARTÍNEZ-ESPINOSA, Rosa María. Halophilic carotenoids and breast cancer: From salt marshes to

- biomedicine. In *Marine drugs*, 2021, roč. 19, č. 11, art. no. 594
- [1] (2021) HAHM, Eun-Ryeong - KIM, Su-Hyeong - MATHAN, Sivapar V. - SINGH, Rana P. - SINGH, Shivendra V.. Mechanistic Targets of Diallyl Trisulfide in Human Breast Cancer Cells Identified by RNA-seq Analysis. In *Journal of cancer prevention*, 2021, roč. 26, č. 2, s. 128-136.
- [1] (2021) JAIN, Aayush - MADU, Chikezie O. - LU, Yi. Phytochemicals in Chemoprevention: A Cost-Effective Complementary Approach. In *Journal of Cancer*, 2021, roč. 12, č. 12, s. 3686-3700.
- [1] (2021) KAUSHIK, Neha - OH, Hyunji - LIM, Yeasol - KUMAR KAUSHIK, Nagendra - NGUYEN, Linh Nhat - CHOI, Eun Ha - KIM, June Hyun. Screening of Hibiscus and Cinnamomum Plants and Identification of Major Phytometabolites in Potential Plant Extracts Responsible for Apoptosis Induction in Skin Melanoma and Lung Adenocarcinoma Cells. In *Frontiers in Bioengineering and Biotechnology*, 2021, roč. 9, art. no. 779393
- [1] (2021) KHIONG, Gregory Chan Chin - RAVE, Tansh - WAN, Yan See - YIN, Adeline Chia Yoke - HSUM, Yap Wei - QUAN, Tang Yin. Biological properties of stigmasterol and other phytosterols. In *Malaysian Journal of Biochemistry and Molecular Biology*, 2021, roč. 24, č. 1, s. 52-64.
- [1] (2021) LIU, Kai Yan - FENG, Xiao Li - MO, Xiong Fei - LIN, Fang Yu - ZHANG, Xin - HUANG, Chu Yi - ABULIMITI, Alinuer - LI, Lei - ZHANG, Cai Xia. Iron intake with the risk of breast cancer among Chinese women: A case-control study. In *Public Health Nutrition* [online] 2021, roč. 24, č. 17, s. 5743-5755.
- [1] (2021) MALIK, Sumira - KAUR, Kawaljeet - PRASAD, Shilpa - KUMAR JHA, Niraj - KUMAR, Vinay. A perspective review on medicinal plant resources for their antimutagenic potentials. In *Environmental Science and Pollution Research* [online] 2022, roč. 29, č. 41, s. 62014-62029.
- [1] (2021) MUTHIAH, Indiraleka - RAJENDRAN, Karthikeyan - DHANARAJ, Premnath. In silico molecular docking and physicochemical property studies on effective phytochemicals targeting GPR116 for breast cancer treatment. In *Molecular and Cellular Biochemistry*, 2021, roč. 476, č. 2, s. 883-896.
- [1] (2021) OTMANINE, K. - HANINI, S. - BENKORTBI, O. - BEKRI, R. - AMROUN, K. - DJELLAL, M. - KOHLI, S. - OUMOUNA-BENACHOUR, K.. Preventive Activity of Ginger (*Zingiber officinale*) Against Myelotoxicity and Hepatotoxicity Induced by Cyclohexatriene and Identification of the Most Active Compounds by GC-MS. In *Kemija u industriji*, 2021, roč. 70, č. 7-8, s. 369-374.
- [1] (2021) REID, Elizabeth. Food as medicine: How to eat during and after treatment for breast cancer. In *Medical Humanities: Criticism and Creativity Breast Cancer Inside Out: Bodies, Biographies & Beliefs*. 2021. ISBN 9781788747349, s. 155-170.
- [1] (2021) ROCIO SOLEDAD, Garcia Lazaro - LORENA GISEL, Caligiuri - NORAILYS, Lorenzo - HUMBERTO, Lamdan - DANIEL FERNANDO, Alonso - HERNAN GABRIEL, Farina. Yerba Mate Modulates Tumor Cells Functions Involved in Metastasis in Breast Cancer Models. In *Frontiers in Pharmacology*, 2021, roč. 12.
- [1] (2021) SAMBORSKA, Katarzyna - BOOSTANI, Sareh - GERANPOUR, Mansoureh - HOSSEINI, Hamed - DIMA, Cristian - KHOSHNOUDI-NIA, Sara - ROSTAMABADI, Hadis - FALSAFI, Seid Reza - SHADDEL, Rezvan - AKBARI-ALAVIJEH, Safoura - JAFARI, Seid Mahdi. Green biopolymers from by-products as wall materials for spray drying microencapsulation of phytochemicals. In *Trends in Food Science & Technology*, 2021, roč. 108, s. 297-325.
- [1] (2021) SHOAIB, Ambreen - TABISH, Mohammad - ALI, Shafat - ARAFAH, Azher - WAHAB, Shadma - ALMARSHAD, Feras M. - RASHID, Summya - REHMAN, Muneeb U.. Dietary phytochemicals in cancer signalling pathways: Role of mir-na targeting. In *Current Medicinal Chemistry*, 2021, roč. 28, č. 39, s. 8036-8067.
- [1] (2021) SINGH, Vibhavana - REDDY, Rakesh - SINHA, Antarip - MARTURI, Venkatesh - PANDITHARADYULA, Shravani S. - BALA, Asis. A Review on Phytopharmaceuticals having Concomitant Experimental Anti-diabetic and Anti-cancer Effects as Potential Sources for Targeted Therapies Against Insulin-mediated Breast Cancer Cell Invasion and Migration. In *Current cancer therapy reviews*, 2021, roč. 17, č. 1, s. 49-74.
- [1] (2021) SIRESWAR, Srijita - DEY, Gargi - BISWAS, Sutapa. Influence of fruit-based beverages on efficacy of *Lactobacillus rhamnosus* GG (*Lactobacillus rhamnosus* GG) against DSS-induced intestinal inflammation. In *Food Research International*, 2021, č. 149, art. no. 110661
- [1] (2021) YAP, Kah Min - SEKAR, Mahendran - FULORIA, Shivkanya - WU, Yuan Seng -

GAN, Siew Hua - RANI, Nur Najihah Izzati Mat - SUBRAMANIYAN, Vetriselvan - KOKARE, Chandrakant - LUM, Pei Teng - BEGUM, M. Yasmin - MANI, Shankar - MEENAKSHI, Dhanalekshmi Unnikrishnan - SATHASIVAM, Kathiresan - FULORIA, Neeraj Kumar. Drug Delivery of Natural Products Through Nanocarriers for Effective Breast Cancer Therapy: A Comprehensive Review of Literature. In International Journal of Nanomedicine, 2021, č. 16, s. 7891-7941.

[1] (2021) YAP, Kah Min - SEKAR, Mahendran - WU, Yuan Seng - GAN, Siew Hua - RANI, Nur Najihah Izzati Mat - SEOW, Lay Jing - SUBRAMANIYAN, Vetriselvan - FULORIA, Neeraj Kumar - FULORIA, Shivkanya - LUM, Pei Teng. Hesperidin and its aglycone hesperetin in breast cancer therapy: A review of recent developments and future prospects. In Saudi Journal of Biological Sciences [online] 2021, roč. 28, č. 12, s. 6730-6747.

[3] (2020) BANDO, David Chirstopher - TUBASEN, Hannah Nuhu - NUHU, Imbasire - OGU, Emmanuel Odiba - OZIOMA, Sylvia. Hypolipidemic effect of the crude ethanolic extract of thymus vulgaris in rats fed with lipid. In International Journal of Advanced Scientific Research, 2020, roč. 5, č. 4, s. 4-10.

[3] (2020) NEMA, Rajeev - KHARE, Sarita. In Vitro Cytotoxic Activity Toward Anticancer and Antimicrobial of Azadirachta Indica, Aegle Marmelos, Ocimum Sanctum and Withania Somnifera Extracts. In Bioprocess Engineering, 2020, roč. 4, č. 2, s. 40-46.

[3] (2020) TAMAS-KRUMPE, Octavia - DOSTETAN ABALARU, Cornelia - GROSU, Romana - BUTA, Andreea - MARGAOAN, Rodica - OGNEAN, Laurent. Medicinal properties of Thymus vulgaris essential oil: a review. In Lucrari stiintifice: Seria C- Medicina Veterinara, 2020, roč. 63, č. 2, s. 129-135.

[3] (2021) YADAV, Pooja - THAKUR, Sahil - SHARMA, Shrestha. Herbals drug used in the breast cancer. In International Research Journal of Modernization in Engineering Technology and Science [online] 2021, roč. 3, č. 4, s. 2527-2531.

Kategórie ohlasov od roku 2022: (121)

[1] (2020) GOTTLIEB, M. G. V. - JUNGES, V. M. - CLOSS, V. E. - SEIBEL, R.. Nutrigenomics and functional food: Implications for cancer prevention and treatment. In Functional Foods in Cancer Prevention and Therapy. Londyn : Academic Press, 2020. ISBN 978-0-12-816151-7, S. 359-386.

[1] (2020) YASMEEN, Nusrath - SAMEER, Aga Syed. Phytochemicals from Honey: Novel Weapon for the Prevention and Treatment of Cancers. In Therapeutic Applications of Honey and its Phytochemicals: Volume 2. Springer Singapore, 2020. ISBN [9789811573057, 9789811573040], S. 343-364.

[1] (2021) AL-YOZBAKI, Minnatallah - JABRE, Ibtissam - SYED, Naeem H. - WILSON, Cornelia M.. Targeting DNA methyltransferases in non-small-cell lung cancer. In Seminars in Cancer Biology, 2021, s. 77-87.

[1] (2021) BHUSHAN, Bharat - JAT, Bahadur Singh - DAGLA, Manesh Chander - AGGARWAL, Sumit Kumar - RAKSHIT, Sujay. Anthocyanins and proanthocyanidins as anticancer agents. In Exploring Plant Cells for the Production of Compounds of Interest. Cham : Springer International Publishing, 2021. ISBN [9783030582715, 9783030582708], S. 95-124.

[1] (2021) GOLOVINSKAIA, Oksana - WANG, Chin Kun. Nutraceuticals in digestive therapy. In Nutrition and Functional Foods in Boosting Digestion, Metabolism and Immune Health [online] Amsterdam : Elsevier, 2021. ISBN 9780128212325, S. 477-500.

[1] (2021) MEHAN, Sidharth - RAHI, Saloni - UPADHAYAY, Shubham - KHAN, Andleeb. Polyphenols Targeting and Influencing Cellular Signaling During Progression and Treatment of Cancer. In Polyphenols-based Nanotherapeutics for Cancer Management. Singapur : Springer Publishing Company, 2021. ISBN 978-981-16-4934-9, S. 95-141.

[1] (2022) AHMAD, Afza - TIWARI, Rohit Kumar - SAEED, Mohd - AHMAD, Irfan - ANSARI, Irfan Ahmad. Glycyrrhizin Mediates Downregulation of Notch Pathway Resulting in Initiation of Apoptosis and Disruption in the Cell Cycle Progression in Cervical Cancer Cells. In Nutrition and Cancer, 2022, roč. 74, č. 2, s. 622-639.

[1] (2022) ALHARBI, Khalid Saad - ALMALKI, Waleed Hassan - MAKEEN, Hafiz A. - ALBRATTY, Mohammed - MERAYA, Abdulkarim M. - NAGRAIK, Rupak - SHARMA, Avinash - KUMAR, Deepak - CHELLAPPAN, Dinesh Kumar - SINGH, Sachin Kumar - DUA, Kamal - GUPTA, Gaurav. Role of Medicinal plant-derived Nutraceuticals as a potential target for the treatment of breast cancer. In Journal of Food Biochemistry, 2022, art. no. e14387

- [1] (2022) BRAICU, Cornelia - ZANOAGA, Oana - ZIMTA, Alina Andreea - TIGU, Adrian Bogdan - KILPATRICK, Kaitlyn L. - BISHAYEE, Anupam - NABAVI, Seyed Mohammed - BERINDAN-NEAGOE, Ioana. Natural compounds modulate the crosstalk between apoptosis- and autophagy-regulated signaling pathways: Controlling the uncontrolled expansion of tumor cells. In *Seminars in Cancer Biology*, 2022, roč. 80, s. 218-236.
- [1] (2022) CHEN, Ming Cheng - ANNSELES RAJULA, Selvaraj - BHARATH KUMAR, V. - HSU, Chiung Hung - DAY, Cecilia Hsuan - CHEN, Ray Jade - WANG, Tso Fu - VISWANADHA, Vijaya Padma - LI, Chi Cheng - HUANG, Chih Yang. Tannic acid attenuate AKT phosphorylation to inhibit UMUC3 bladder cancer cell proliferation. In *Molecular and Cellular Biochemistry*, 2022, roč. 477, č. 12, s. 2863-2869.
- [1] (2022) CRIOLLO-MENDOZA, Marilyn S. - RAMOS-PAYAN, Rosalio - CONTRERAS-ANGULO, Laura A. - GUTIERREZ-GRIJALVA, Erick P. - LEON-FELIX, Josefina - VILLICANA, Claudia - ANGULO-ESCALANTE, Miguel A. - HEREDIA, J. Basilio. Cytotoxic Activity of Polyphenol Extracts from Three Oregano Species: *Hedeoma patens*, *Lippia graveolens* and *Lippia palmeri*, and Antiproliferative Potential of *Lippia graveolens* against Two Types of Breast Cancer Cell Lines (MDA-MB-231 and MCF-7). In *Molecules*, 2022, roč. 27, č. 16, art. no. 5240
- [1] (2022) DAS, Neeladrisingha - NATHANI, Sandip - KUMAR, Viney - AGRAWAL, Himanshu - SIRCAR, Debabrata - ROY, Partha. Nutraceuticals for Prevention and Treatment of Cancer. In *Handbook of Nutraceuticals and Natural Products*. Hoboken : John Wiley & Sons, 2022. ISBN 9781119746843, S. 45-90.
- [1] (2022) GADI, Vaishnavi - SHETTY, Saritha Rakesh. Potential of Anti-inflammatory Molecules in the Chemoprevention of Breast Cancer. In *Recent advances in inflammation & allergy drug discovery*, 2022, roč. 16, č. 2, s. 60-76.
- [1] (2022) GANESAN, Kumar - DU, Bing - CHEN, Jianping. Effects and mechanisms of dietary bioactive compounds on breast cancer prevention. In *Pharmacological research*, 2022, č. 178, art. no. 105974
- [1] (2022) GIDEON, Daniel A. - ANNADURAI, Pushparaj - PARASHAR, Abhinav - MURTHY, Rachel Grace - DHANDAYUTHAPANI, Kandavel - SRINIVASAN, Sriram - SIVARAMAKRISHNAN, R. - JASMINE, R.. Herbal medicinal compounds and their anti-breast cancer actions: A mechanistic perspective. In *Phytopharmaceuticals and Biotechnology of Herbal Plants*. Boca Raton : CRC Press, 2022. ISBN 9781003294023, S. 157-184.
- [1] (2022) KAMBLE, Sonali S. - CHOUDHARI, Jasoda - NIMMA, Ramakrishna - KUMAR, Totakura Venkata Santosh - PATIL, Kapil K. - HESE, Shrikant V. - DAWANE, Bhaskar S. - GACCHE, Rajesh N.. Chloroxylon swietenia (Roxb.) DC induces cell death and apoptosis by down-regulating the NF- κ B pathway in MCF-7 breast cancer cells: In vitro and in vivo investigations. In *Cancer reports*, 2022, roč. 5, č. 10, art. no. e1600
- [1] (2022) KUDVA, Avinash Kundadka - RAGHU, SHAMPRASAD VARIJA - RAO, Suresh - VENKATESH, Ponemone - HEGDE, Sanath Kumar - D'SOUZA, Rhea Katherine - BALIGA-RAO, Manjeshwar Poonam - SIMON, Paul - BALIGA, Manjeshwar Shrinath. Indian Indigenous Fruits as Radioprotective Agents: Past, Present and Future. In *Anti-cancer agents in medicinal chemistry*, 2022, roč. 22, č. 1, s. 53-63.
- [1] (2022) KURUBURU, Mahadevaswamy G. - BOVILLA, Venugopal R. - NAAZ, Rimshia - LEIHANG, Zonunsiami - MADHUNAPANTULA, Subba Rao V.. Variations in the Anticancer Activity of Free and Bound Phenolics of Finger Millet (*Eleusine coracana* (L) Gaertn; Variety KMR-301) Seeds. In *Phytomedicine Plus*, 2022, roč. 2, č. 2, art. no. 100276
- [1] (2022) LEI, Yu - ZHANG, Li - LI, Kunhua - WAN, Renjun - SHI, Xiaofeng. Successful treatment of giant perinephric abscess associated with decompensated cirrhosis caused by hepatitis B and alcohol consumption: A case report. In *Heliyon*, 2022, roč. 8, č. 12.
- [1] (2022) LI, Zuwei - SONG, Ye Lin - HOU, Wangjun - QI, Yingzi - LU, Xuxiang - XUE, Ye - HUANG, Jie - FANG, Qiong. Atractylodin induces oxidative stress-mediated apoptosis and autophagy in human breast cancer MCF-7 cells through inhibition of the P13K/Akt/mTOR pathway. In *Journal of biochemical and molecular toxicology*, 2022, roč. 36, č. 8, art. no. e23081
- [1] (2022) LIANG, Qi - AHMED, Faruq - ZHANG, Miansong - SPEROU, Niki - FRANCO, Christopher M. M. - FENG, Qianjin - ZHANG, Wei. In Vivo and Clinical Studies of Sea Cucumber-Derived Bioactives for Human Health and Nutrition From 2012-2021. In *Frontiers in Marine Science*, 2022, roč. 9, č. 7, art. no. 917857

- [1] (2022) MEHAN, Sidharth - ARORA, Navneet - BHALLA, Sonalika - KHAN, Andleeb - REHMAN, Muneeb U. - ALGHAMDI, Badrah S. - AL ZUGHAIIBI, Torki - ASHRAF, Ghulam Md. Involvement of Phytochemical-Encapsulated Nanoparticles' Interaction with Cellular Signalling in the Amelioration of Benign and Malignant Brain Tumours. In *Molecules*, 2022, roč. 27, č. 11, art. no. 3561
- [1] (2022) PEBAM, Monika - P.S, Rajalakshmi - GANGOPADHYAY, Madhusree - THATIKONDA, Shashidhar - RENGAN, Aravind Kumar. Terminalia chebula Polyphenol and Near-Infrared Dye-Loaded Poly(lactic acid) Nanoparticles for Imaging and Photothermal Therapy of Cancer Cells. In *ACS Applied Bio Materials*, 2022, roč. 5, č. 11, s. 5333-5346.
- [1] (2022) PENG, Jiayuan - WU, Ailin - YU, Xiaoping - ZHONG, Qian - DENG, Xiaoming - ZHU, Yanfeng. Combined Network Pharmacology and Cytology Experiments to Identify Potential Anti-Breast Cancer Targets and Mechanisms of Delphinidin. In *Nutrition and Cancer*, 2022, roč. 74, č. 7, s. 2591-2606.
- [1] (2022) PERAITA-COSTA, Isabel - CARRILLO GARCIA, Paula - MORALES SUÁREZ-VARELA, María. Is There an Association between β -Carotene and Breast Cancer? A Systematic Review on Breast Cancer Risk. In *Nutrition and Cancer*, 2022, roč. 74, č. 1, s. 39-54.
- [1] (2022) PUCA, Francesca - FEDELE, Monica - RASIO, Debora - BATTISTA, Sabrina. Role of Diet in Stem and Cancer Stem Cells. In *International journal of molecular sciences*, 2022, roč. 23, č. 15, art. no. 8108
- [1] (2022) RASMI, Yousef - KHAN, Johra - GHOSHAL, Kakali - DAEI-HASANI, Behrokh. Dietary compounds as inhibitors of DNA methyltransferases. In *Role of Nutrigenomics in Modern-day Healthcare and Drug Discovery*. Amsterdam : Elsevier, 2022. ISBN 9780128244128, S. 359-386.
- [1] (2022) RAY, Suman Kumar - MUKHERJEE, Sukhes. Nutrigenomics and Lifestyle Facet-A Modulatory Molecular Evidence in Progression of Breast and Colon Cancer with Emerging Importance. In *Current molecular medicine*, 2022, roč. 22, č. 4, s. 336-348.
- [1] (2022) RUIZ-MANRIQUEZ, Luis M. - ESTRADA-MEZA, Carolina - BENAVIDES-AGUILAR, Javier A. - LEDESMA-PACHECO, S. Janin - TORRES-COPADO, Andrea - SERRANO-CANO, Francisco I. - BANDYOPADHYAY, Anindya - PATHAK, Surajit - CHAKRABORTY, Samik - SRIVASTAVA, Aashish - SHARMA, Ashutosh - PAUL, Sujay. Phytochemicals mediated modulation of microRNAs and long non-coding RNAs in cancer prevention and therapy. In *Phytotherapy Research*, 2022, roč. 36, č. 2, s. 705-729.
- [1] (2022) SAMANTA, Suman Kumar - CHOUDHURY, Paramita - SARMA, Partha Pratim - GOGOI, Bhaskarjyoti - GOGOI, Neelutpal - DEVI, Rajlakshmi. Dietary phytochemicals/nutrients as promising protector of breast cancer development: a comprehensive analysis. In *Pharmacological Reports*, 2022, roč. 74, č. 4, s. 583-601.
- [1] (2022) SCARANO, Pierpaolo - SCIARRILLO, Rosaria - TARTAGLIA, Maria - ZUZOLO, Daniela - GUARINO, Carmine. Circular economy and secondary raw materials from fruits as sustainable source for recovery and reuse. A review. In *Trends in Food Science & Technology*, 2022, roč. 122, s. 157-170.
- [1] (2022) SHARMA, Manvi - TOLLEFSBOL, Trygve, O.. Combinatorial epigenetic mechanisms of sulforaphane, genistein and sodium butyrate in breast cancer inhibition. In *Experimental Cell Research*, 2022, roč. 416, č. 1, art. no. 113160
- [1] (2022) SHARMA, Saurabh - MALHOTRA, Lakshay - YADAV, Prakarsh - MISHRA, Vandana - SHARMA, Radhey Shyam - ABDUL SAMATH, Ethayathulla. Genistein: A novel inhibitor of IL-6/IL-6R interface of the Interleukin-6-mediated STAT3 dependent pathway of carcinogenesis. In *Journal of Molecular Structure*, 2022, roč. 1258, art. no. 132668
- [1] (2022) SUNDRAM, Sobana - BASKAR, Suganya - SUBRAMANIAN, Alagumanian. Green synthesized nickel doped cobalt ferrite nanoparticles exhibit antibacterial activity and induce reactive oxygen species mediated apoptosis in MCF-7 breast cancer cells through inhibition of PI3K/Akt/mTOR pathway. In *Environmental Toxicology*, 2022, roč. 37, č. 12, s. 2877-2888.
- [1] (2022) WIECZOREK, Edyta - FAROOQI, Ammad Ahmad - RESZKA, Edyta. Androgen Receptor Modulation and Bladder Cancer Prevention : A short review. In *Medycyna Pracy*, 2022, roč. 73, č. 2, s. 1-13.
- [1] (2022) XIONG, Jiayi - SHENG, Juanjuan - WEI, Yan - SUN, Zhimin - XIAO, Xia - ZHANG, Lanmei. Sesamol Augments Paclitaxel-Induced Apoptosis in Human Cervical Cancer Cell Lines. In *Nutrition and Cancer*, 2022, roč. 74, č. 10, s. 3692-3700.

- [1] (2022) ZARIFI, Sadiyah - BAGHERNIYA, Mohammad - BANACH, Maciej - JOHNSTON, Thomas P. - SAHEBKAR, Amirhossein. Phytochemicals : A potential therapeutic intervention for the prevention and treatment of cachexia. In *Clinical nutrition*, 2022, roč. 41, č. 12, s. 2843-2857.
- [1] (2022) ZARIFI, Sadiyah - BAGHERNIYA, Mohammad - BANACH, Maciej - JOHNSTON, Thomas P. - SAHEBKAR, Amirhossein. Phytochemicals : A potential therapeutic intervention for the prevention and treatment of cachexia. In *Clinical nutrition*, 2022, roč. 41, č. 12, s. 2843-2857.
- [1] (2023) ACIKGOZ PINAR, Aylin - YILDIZ, Emine - ALTUNDAG, Kadri. Dietary Phytochemical Index and the Risk of Breast Cancer: A Case-Control Study. In *Nutrition and Cancer*, 2023, roč. 75, č. 2, s. 482-487.
- [1] (2023) ALKANDAHRI, Maulana Yusuf - PAMUNGKAS, Barolym Tri - OKTOBA, Zulpakor - SHAFIRANY, Mareetha Zahra - SULASTRI, Lela - ARFANIA, Maya - ANGGRAENY, Ebta Narasukma - PRATIWI, Ade - ASTUTI, Fitri Dwi - DEWI, Siti Yuliani - HAMIDAH, Salsa Zulfa. Hepatoprotective Effect of Kaempferol: A Review of the Dietary Sources, Bioavailability, Mechanisms of Action, and Safety. In *Advances in Pharmacological and Pharmaceutical Sciences*, 2023, roč. 2023, art. no. 1387665
- [1] (2023) ALOTAIBI, Nahaa M. - ALOTAIBI, Modhi O. - ALSHAMMARI, Nawaf - ADNAN, Mohd - PATEL, Mitesh. Network Pharmacology Combined with Molecular Docking, Molecular Dynamics, and In Vitro Experimental Validation Reveals the Therapeutic Potential of Thymus vulgaris L. Essential Oil (Thyme Oil) against Human Breast Cancer. In *ACS Omega*, 2023, roč. 8, č. 50, s. 48344-48359.
- [1] (2023) BLTGEN, Nazmiye - ONDER, Gozde Ozge - BARAN, Munevver - YAY, Arzu. Cytotoxicity screening of Thymus vulgaris L. in breast cancer: In vitro study. In *Toxicology research*, 2023, roč. 12, č. 4, s. 584-590.
- [1] (2023) DE LIRA, Maria Aparecida da Conceição - DA SILVA, Marllyn Marques - ROCHA, Tamiris Alves - DE MOURA, Danielle Feijó - COSTA, Erick Caique Santos - MAIA, Mayara Dos Santos - SCOTTI, Luciana - SCOTTI, Marcus Tullius - BURIL, Maria de Lourdes Lacerda - PEREIRA, Eugênia Cristina - JÚNIOR, Francisco Carlos Amanajás de Aguiar - NOGUEIRA, Mariane Cajubá de Britto Lira - SANTOS, Noemia Pereira da Silva - FALCÃO, Emerson Peter da Silva - DE MELO, Sebastião José. Assessment of Cytotoxic/Antitumour Potential and in silico Study of Salazinic Acid Isolated from Parmotrema concursens. In *Anti-cancer agents in medicinal chemistry*, 2023, roč. 23, č. 12, s. 1469-1481.
- [1] (2023) DE MENESES, Ayana Florencio - MENDES, Ana Luiza de Rezende Ferreira - ROCHA, Daianne Cristina - SAMPAIO, Helena Alves de Carvalho - CARIOCA, Antônio Augusto Ferreira - PINHEIRO, Luiz Gonzaga Porto - VASQUES, Paulo Henrique Diógenes - BEZERRA, Llana Nogueira - CACAU, Leandro Teixeira. Association of coffee intake and its polyphenols with mammographic findings in women who visited the Brazilian Public Health Service. In *Nutrición hospitalaria*, 2023, roč. 40, č. 2, s. 377-383.
- [1] (2023) ELZEINY, Noha - SHAFEI, Ayman El Sayed - WAGIH, Sherin - SAAD, Maha - SAYED, Dina - SALEM, Esraa Y. - WAEL, Mostafa - ELLACKANY, Rawan - MATBOLI, Marwa. Phytochemicals in cervical cancer: an epigenetic overview. In *Epigenomics*, 2023, roč. 15, č. 18, s. 941-959.
- [1] (2023) ERTOSUN, Seymanur - AYLANC, Volkan - FALCÃO, Soraia I. - VILAS-BOAS, Miguel. Thermal Stability and Antioxidant Activity of Bioactive Compounds in Bread Enriched with Bee Pollen and Bee Bread. In *Antioxidants*, 2023, roč. 12, č. 9, art. no. 1691
- [1] (2023) FARHAN, Mohd. Insights on the Role of Polyphenols in Combating Cancer Drug Resistance. In *Biomedicines*, 2023, roč. 11, č. 6.
- [1] (2023) HALAHLAH, Abedalghani - PIIRONEN, Vieno - MIKKONEN, Kirsi S. - HO, Thao M.. Polysaccharides as wall materials in spray-dried microencapsulation of bioactive compounds: Physicochemical properties and characterization. In *Critical reviews in food science and nutrition*, 2023, roč. 63, č. 24, s. 6983-7015.
- [1] (2023) HERNANDEZ-URREA, Marc - CASANELLA, Ramon - JAVIERRE, Casimiro - CASAS, Oscar. An Easy-to-Use Hand-to-Hand Impedance-Based Sensor to Obtain Carotid Pulse Arrival Time. In *IEEE sensors journal*, 2023, roč. 23, č. 5, s. 5362-5369.
- [1] (2023) HUSSAIN, Talib - ALANAZI, Muteb - ALANAZI, Jowaher - ALHARBY, Tareq Nafea - UNNISA, Aziz - AWADELKAREEM, Amir Mahgoub - ELKHALIFA, Abd Elmoneim O. - ALGAHTANI, Mohammad M. - SHAHID, S. M.A. - RIZVI, Syed Mohd Danish. Computational and In Vitro Assessment of a Natural Triterpenoid Compound Gedunin against Breast Cancer via

- Caspase 3 and Janus Kinase/STAT Modulation. In *Processes*, 2023, roč. 11, č. 5.
- [1] (2023) KHAMWUT, Ariya - KLOMKLIEW, Pavit - JUMPATHONG, Watthanachai - KAEWSAPSAK, Pornchai - CHANCHAEM, Prangwalai - SIVAPORNNUKUL, Pavaret - CHANTANAKAT, Kridsana - T-THIENPRASERT, Nattanan Panjaworayan - PAYUNGORN, Sunchai. In vitro evaluation of the anti-breast cancer properties and gene expression profiles of Thai traditional formulary medicine extracts. In *Biomedical Reports*, 2023, roč. 19, č. 4, art. no. 70
- [1] (2023) LI, Junfeng - YU, Jia - ZOU, Haoyang - ZHANG, Jie - REN, Li. Estrogen receptor-mediated health benefits of phytochemicals: a review. In *Food & Function*, 2023, roč. 14, č. 24, s. 10681-10699.
- [1] (2023) MEHRABANI, Davood - MASOUMI, Seyed Jalil - MASOUMI, Atefeh Sadat - RASOULI-NIA, Aghdass - KARIMI-BUSHERI, Feridoun - MEHRABANI, Golnoush. Role of Diet in Mesenchymal Stem Cells' Function: A Review. In *International Journal of Nutrition Sciences*, 2023, roč. 8, č. 1, s. 9-19.
- [1] (2023) PASSOS, Carlos Luan A. - POLINATI, Renata Madureira - FERREIRA, Christian - DOS SANTOS, Nathalia Alexia Nascimento - LIMA, Daniel Galinis V. - DA SILVA, Jerson Lima - FIALHO, Eliane. Curcumin and melphalan cotreatment induces cell cycle arrest and apoptosis in MDA-MB-231 breast cancer cells. In *Scientific reports*, 2023, roč. 13, č. 1, art. no. 13446
- [1] (2023) PATANAYAK, Sourav - NINAVE, Grishma - MUKHERJEE, Moumita - MUKHOPADHYAY, Jayanta - RAGAVENDRAN, V. - PAIRA, B. B. - SAMAJDAR, Sukhendu - DASGUPTA, Saumya - BOSE, Debosreeta - MUKHOPADHYAY, Madhumita. Phytochemicals as an Active Pharmaceutical Ingredient of *Ocimum Sanctum* and *Azadirachta Indica*: A Theoretical Screening Study. In *Microelectronics, Circuits and Systems*. Singapore : Springer, 2023. ISBN 978-981-99-0411-2, ISBN 978-981-99-0414-3, S. 535-546.
- [1] (2023) PEBAM, Monika - BUDDHIRAJU, Hima Sree - VERMA, Anamika - RENGAN, Aravind Kumar. Nano Phyto-Phenols as potential immunomodulators: A review. In *Food and Humanity*, 2023, roč. 1, s. 809-816.
- [1] (2023) PLAZA-DIAZ, Julio - ÁLVAREZ-MERCADO, Ana Isabel. The Interplay between Microbiota and Chemotherapy-Derived Metabolites in Breast Cancer. In *Metabolites*, 2023, roč. 13, č. 6.
- [1] (2023) PUSHPA, V. H. - KURUBURU, Mahadevaswamy G. - JAYANTHI, M. K. - AKSHAYA SIMHA, N. - TAHA BABAKR, Abdullatif - SREENIVASAN, Rajesh - RAMU, Ramith - MADHUNAPANTULA, Subba Rao V.. Bioactive profiling and evaluation of anti-proliferative and anti-cancerous properties of Shivagutika, an Indian polyherbal formulation synchronizing in vitro and in silico approaches. In *Frontiers in Chemistry*, 2023, roč. 11, art. no. 1195209.
- [1] (2023) SAIR, Ali Tahir - LI, Yitong - ZHAO, Weiyang - LI, Tong - LIU, Rui Hai. Anticancer activity of apple peel extracts against human breast cancer cells through insulin-like growth factor-1 signal transduction pathway. In *Journal of Agriculture and Food Research*, 2023, č. 11, art. no. 100507
- [1] (2023) UTAMI, Nastiti - DAMAYANTI, Prashinta N.. Phytochemical Analysis, Antioxidant Activity And Ftir Spectroscopic Analysis Of Red Leaf Lettuce And Green Leaf Lettuce (*Lactuca Sativa* L.). In *Indian Drugs*, 2023, roč. 60, č. 5, s. 50-56.
- [1] (2023) VEERAMUTHU, Kamaraj - AHUJA, Vishal - ANNADURAI, Pushparaj - GIDEON, Daniel A. - SUNDARRAJAN, Balamurugan - RUSU, Marius Emil - ANNADURAI, Vinothkanna - DHANDAYUTHAPANI, Kandavel. Chemical Profiling and Biological Activity of *Psydrax dicoccos* Gaertn. In *Molecules*, 2023, roč. 28, č. 20, art. no. 7101
- [1] (2023) XU, Chuchu - CHEN, Yian - YU, Qinghong - SONG, Jiaqing - JIN, Ying - GAO, Xiufei. Compounds targeting ferroptosis in breast cancer: progress and their therapeutic potential. In *Frontiers in Pharmacology*, 2023, roč. 14, art. no. 1243286
- [1] (2023) ZHANG, Wen Jing - LI, Ying Yi - XIANG, Zhen Hang - DENG, Jing - LI, Wen - LIN, Qin Lu - FANG, Yong - LIU, Fang - BAI, Jie - ZHANG, Lin - LI, Juan. Emerging evidence on the effects of plant-derived microRNAs in colorectal cancer: a review. In *Food & Function*, 2023, roč. 14, č. 2, s. 691-702.
- [1] (2024) ABDULRAHEEM, Rasheed A. - MARTINS, Ralph N. - BHARADWAJ, Prashant - LI, Zhaoyu - COOREY, Ranil - JOHNSON, Stuart - BINOSHA FERNANDO, W. M.A.D.. Nutrients and polyphenols-rich *Sorghum bicolor* genotypes as complementary therapy for Alzheimer's disease. In *Phytochemistry Reviews*, 2024, roč. 23, č. 6, s. 1889-1912.

- [1] (2024) AHMED, Kazi Rejvee - RAHMAN, Md Masudur - ISLAM, Md Nahidul - FAHIM, Md Maharub Hossain - RAHMAN, Md Aatur - KIM, Bonglee. Antioxidants activities of phytochemicals perspective modulation of autophagy and apoptosis to treating cancer. In *Biomedicine & pharmacotherapy*, 2024, roč. 174, art. no. 116497
- [1] (2024) AMIN, Mohamed N. - ABDELMOHSEN, Usama Ramadan - SAMRA, Yara A.. Turkish coffee has an antitumor effect on breast cancer cells in vitro and in vivo. In *Nutrition & Metabolism*, 2024, roč. 21, č. 1.
- [1] (2024) ATTAH, Catherine Ojebbah - ALHAJI, Umar Ismail - AMEH, Danladi Amodu - FORCADOS, Gilead Ebiegberi - MUHAMMAD, Aliyu - BASHIR, Musa - IBRAHIM, Sani. *In Vivo* Chemosuppressive Effects of Kolaviron on 7,12-Dimethylbenzanthracene-Induced Mammary Lesions are Associated with Changes in Levels of Estrogen Receptor- α , CYP 1A1, Proinflammatory Cytokines, and Alterations to Metabolic Pathways Implicated in Mammary Carcinogenesis. In *Journal of Medicinal Food*, 2024, roč. 27, č. 10, s. 940-950.
- [1] (2024) BHUKER, Sunaina - KAUR, Avneet - RAJAURIA, Kanitha - TULI, Hardeep Singh - SAINI, Adesh K. - SAINI, Reena V. - GUPTA, Madhu. Allicin: a promising modulator of apoptosis and survival signaling in cancer. In *Medical Oncology*, 2024, roč. 41, č. 9.
- [1] (2024) CHOU, PoChung Jordan - PETER, Rebecca Mary - SHANNAR, Ahmad - PAN, Yuxin - DAVE, Parv Dushyant - XU, Jiawei - SARWAR, Md Shahid - KONG, Ah-Ng. Epigenetics of Dietary Phytochemicals in Cancer Prevention Fact or Fiction. In *The cancer journal*, 2024, roč. 30, č. 5, s. 320-328.
- [1] (2024) DO, Tam M. - NGUYEN, Quynh H.N. - LE, Nguyen H.D. - NGUYEN, Hien D. - PHUNG, An H.T. - TRAN, Thach S. - NGUYEN, Tuan V. - HO-PHAM, Lan T.. Association between dietary factors and breast cancer risk: a matched case-control study in Vietnam. In *BMC Cancer*, 2024, roč. 24, č. 1.
- [1] (2024) FAYED, Marwa A.A. - SHAH, Muhammad Ajmal - SHAH, Shahid - SHAH, Ghulam Mujtaba - RASUL, Azhar - IQBAL, Shabnoor. Phytonutrients as a therapeutic modality: An overview. In *Phytonutrients in the Treatment of Gastrointestinal Cancer*. Sharjah : Bentham Science Publishers, 2023. ISBN 9789815049633, S. 33-57.
- [1] (2024) FAYEMI, Olanrewaju E. - ELEGBELEYE, James A. - AKANNI, Gabriel B. - OLALEYE, Eniola D. - OGUNREMI, Omotade R. - KAINDI, Dasel W. - OKUNBI, Favour O. - ANYASI, Joy A.. Bioactive Phytochemicals in the Development of Alternative Medicine. In *Plant Food Phytochemicals and Bioactive Compounds in Nutrition and Health*. Boca Raton : CRC Press, 2024. ISBN 9781000935875, S. 446-497.
- [1] (2024) FEINEIS, Doris - BRINGMANN, Gerhard. Structural variety and pharmacological potential of naphthylisoquinoline alkaloids. In *Alkaloids: Chemistry and Biology*. Amsterdam : Elsevier, 2024. ISBN 9780443295546, S. 1-410.
- [1] (2024) FORMA, Alicja - GRUNWALD, Arkadiusz - ZEMBALA, Patryk - JANUSZEWSKI, Jacek - BRACHET, Adam - ZEMBALA, Roksana - SWIATEK, Kamila - BAJ, Jacek. Micronutrient Status and Breast Cancer: A Narrative Review. In *International journal of molecular sciences*, 2024, roč. 25, č. 9, art. no. 4968
- [1] (2024) HAN, Yuhui - SHENG, Wenjiong - LIU, Xiuxin - LIU, Haide - JIA, Xinyu - LI, Honghui - WANG, Changyuan - WANG, Bin - HU, Tao - MA, Yanchao. Glycyrrhizin ameliorates colorectal cancer progression by regulating NHEJ pathway through inhibiting HMGB1-induced DNA damage response. In *Scientific reports*, 2024, roč. 14, č. 1, art. no. 24948
- [1] (2024) KRANJČEVIĆ, Jacqueline Katrin - ČONKAŠ, Josipa - OZRETIĆ, Petar. The Role of Estrogen and Estrogen Receptors in Head and Neck Tumors. In *Cancers*, 2024, roč. 16, č. 8, art. no. 1575
- [1] (2024) MAJUMDER, Ranabir - BANERJEE, Shreya - MANDAL, Madhurima - PATRA, Sucharita - DAS, Subhasis - MANDAL, Mahitosh. A Virtual Drug Discovery Screening Illuminates Campesterol as a Potent Estrogen Receptor Alpha Inhibitor in Breast Cancer. In *Journal of Medicinal Chemistry*, 2024, roč. 67, č. 12, s. 10321-10335.
- [1] (2024) MANI, Kamaraj - KUMAR, Amit - KAURAV, Monika - GHAI, Roma. Phytochemical Analysis and In-vitro Anticancer Potential of *Musa paradisiaca* L Stem Extract. In *Oriental journal of chemistry*, 2024, roč. 40, č. 6, art. no. 400602
- [1] (2024) PATEL, Alkeshkumar - VORA, Hemangini - JAIN, Neeraj - NANDPAL, Manish - PANJVANI, Sahil - PATEL, Samir. Evaluating the Immunomodulatory and Detoxifying role of *Tinospora cordifolia* and *Solanum nigrum* in the treatment of Colorectal Cancer. In *Research*

Journal of Pharmacy and Technology, 2024, roč. 17, č. 5, s. 2155-2163.

[1] (2024) TRIPATHI, Anjali - PANDEY, Vinay Kumar - MISHRA, Hridyanshi - DAR, Aamir Hussain - SINGH, Gurmeet - RUSTAGI, Sarvesh - SULAIMAN, Ghassan - JHA, Abhimanyu Kumar. Enforcing the antioxidant properties of blackberries against breast cancer by activating different cell signaling mechanisms: An updated review. In Food bioscience, 2024, roč. 62, art. no. 105266

[1] (2024) ZHANG, Hongpeng - LI, Yanshu. Targeting the breast tumor microenvironment by plant-derived products and their nanoformulations. In Journal of Drug Delivery Science and Technology, 2024, roč. 93, 105432t

[1] (2025) ALI, Arif - DA COSTA, Mac Dionys Rodrigues - MAGALHÃES, Emanuel Paula - MARTINS, Alice Maria Costa. 23 Phytonutrients: Clinical Implications in Breast Cancer Prevention and Treatment. In Phytonutrients in the Treatment of Breast Cancer. Londýn : Taylor & Francis Group, 2025. ISBN 9780367651657, S. 389-403.

[1] (2025) BAKHSHAN, Mohammad Amin - SHEIKHZADEH, Shaghayegh - RAMEZANIMOLADEHI, Mohammadreza - POURKAMALZADEH, Mahtab - SHEIKHZADEH, Sanaz. Nano-phytochemical-based formulations as promising opportunities for prostate cancer therapy and management: a comprehensive narrative review. In Medical Oncology, 2025, roč. 42, č. 11.

[1] (2025) BHUTTA, Zeeshan Ahmad - CHOI, Kyung Chul. Phytochemicals as Novel Therapeutics for Triple-Negative Breast Cancer: A Comprehensive Review of Current Knowledge. In Phytotherapy Research, 2025, roč. 39, č. 1, s. 364-396.

[1] (2025) BORA, Sankar Jyoti - DEKA, Dhruva Jyoti - MALAKAR, Chinmoy - KASHYAP, Nancy - DAS, Bhriku Kumar. Breast Cancer Management: The Role of Nutrition, Exercise and Psychosocial Well-being. In Current cancer therapy reviews, 2025, roč. 21, č. 3, s. 403-419.

[1] (2025) BORROMEO, Rod Vincent - ASI, Ranelle Janine - SUBEBE, Merrah Joy Blaya - MANTING, Muhmin Michael E. - JACINTO, Sonia D. - OMORI, Akiko - ADAMAT, Liza - SOLON, Christine Cherry - UY, Mylene M. - MAZAHERY, Ahmad Reza F. - VILLACORTE-TABELIN, Mylah. Anti-proliferative activity of leaf extracts from Antipolo (Artocarpus blancoi (Elmer) Merr.). In Science and engineering journal, 2025, roč. 18, č. 1, s. 476-483.

[1] (2025) DEL CONSOLE, Piercarlo - GELSOMINO, Luca - GIORDANO, Cinzia - PIETRAMALA, Ennio - BONOFIGLIO, Daniela - ANDÒ, Sebastiano - CATALANO, Stefania - BARONE, Ines. TXNIP in cancer: Unlocking biological insights and tackling clinical challenges. In Biochimica et biophysica acta. Reviews on cancer., 2025, roč. 1880, č. 5.

[1] (2025) ERDOĞMUŞ, Sevim Feyza - KOKENER, Nuran - ISTIFLI, Erman Salih - SARIKURKCU, Cengiz. In Vitro and In Silico Evaluation of Sideritis Pisidica: Insights into Biological Potential in Melanoma Cancer Cells. In Chemistry Select, 2025, roč. 10, č. 41.

[1] (2025) FAYED, Marwa A.A. - SHAH, Muhammad Ajmal - AMAN, Waqar - SALEEM, Uzma - RASUL, Azhar - ABDILLAH, Syamsudin - INDRAYUDHA, Peni - AMININ, Agustina Lulustyaningati Nurul - RASOOL, Shahid - ALI, Muhammad Yasir. 1 Phytonutrients as a Therapeutic Modality: An Overview. In Phytonutrients in the Treatment of Breast Cancer. Londýn : Taylor & Francis Group, 2025. ISBN 9780367651657, S. 3-19.

[1] (2025) GOUDA, Mostafa M. - ELSHARKAWY, Eman R. - HE, Yong - LI, Xiaoli. Importance of Advanced Detection Methodologies from Plant Cells to Human Microsystems Targeting Anticancer Applications. In International journal of molecular sciences, 2025, roč. 26, č. 10.

[1] (2025) HASSAN, Heba A. - ABDELSATER, Khaled. Wnt signal pathways: new mechanistic approaches and clinical horizons in cancer therapy. In Medical Oncology, 2025, roč. 42, č. 8.

[1] (2025) HE, Qingliu - LI, Haoran - CONG, Yukun - CHEN, Kang - CHENG, Lulin - LV, Fang - ZHANG, Pu - JU, Yunjie - YU, Zehao - CHEN, Jinyu - WANG, Chuxiong - SONG, Yarong - LI, Xuechao - CHEN, Liang - XING, Yifei. FAM111B enhances glycolysis and promotes metastasis of prostate cancer by upregulating LDHA. In Neoplasia, 2025, roč. 69, 101227

[1] (2025) JEBUR, Mohammad Abdulmohsin - ISMAEEL, Ghufraan Lutfi - SALIM, Haitham Mukhlif - AHMED, Ammar Hussein - NASER, Israa Habeeb. Dietary phytochemical index and the risk of gallstone disease: a case-control study. In BMC Gastroenterology, 2025, roč. 25, č. 1.

[1] (2025) KALPANA, P. - SINDUJA, M. - SATHYA, V. - AKILA, S.. Comparative Assessment of Heavy Metal Accumulation in Medicinal Plants from Contaminated Sites in Southern Tamil Nadu, India. In Environmental Claims Journal, 2025, roč. 37, č. 4, s. 570-600.

[1] (2025) KENCHAPPA, Pratap G. - VIJENDRA, Poornima D. - KUMAR, Harshini V. -

SWAMY, Prathap H. Manjunatha. Plant-Based Foods for the Management of Cancer. In Functional Compounds and Foods of Plant Origin. Palm Bay : Apple Academic Press, 2025. ISBN 9781040385456, S. 451-474.

[1] (2025) KODALI, Neha - MADU, Chikezie O. - LU, Yi. Phytochemicals in Breast Cancer Prevention and Therapy: Mechanisms, Efficacy, and Future Prospects. In Current issues in molecular biology, 2025, roč. 47, č. 7.

[1] (2025) LIEB, Noah - TRAN, Annalisa - TORRES, Martha - BOMMAREDDY, Ajay. Modulation of Wnt/Beta-Catenin Pathway by Major Dietary Phytochemicals Against Breast Cancer Development. In Biology, 2025, roč. 14, č. 2.

[1] (2025) ORIOL-CABALLO, María - MORENO-MURCIANO, María Paz - LÓPEZ-BLANCH, Rafael - ESTRELA, José M. - OBRADOR, Elena. Polyphenols: Potential Applications in Cancer Therapy. In Molecular Nutrition & Food Research, 2025, roč. 69, č. 15, e70011

[1] (2025) PAN, Yuxin - MARY PETER, Rebecca - CHOU, Pochung - DAVE, Parv Dushyant - XU, Jiawei - SHANNER, Ahmad - SARWAR, Md Shahid - KONG, Ah Ng. Cancer-specific Regulation of Metabolic and Epigenetic Pathways by Dietary Phytochemicals. In Pharmaceutical Research, 2025, roč. 42, č. 8, s. 1443-1457.

[1] (2025) PERRONE, Pasquale - DE ROSA, Chiara - D'ANGELO, Stefania. Mediterranean Diet and Agri-Food By-Products: A Possible Sustainable Approach for Breast Cancer Treatment. In Antioxidants, 2025, roč. 14, č. 7.

[1] (2025) PURANIK, Nidhi - SONG, Minseok. Phytochemical-Based Strategies in Enhancing Chemotherapy and Radiotherapy Efficacy in Cancer Treatment. In Nano-formulation of Dietary Phytochemicals for Cancer Management. London : Springer Nature, 2025. ISBN 9789819780051, S. 177-209.

[1] (2025) RAVI, Preetham - JASUJA, Haneesh - SARKAR, Dipayan - VAHIDI PASHAKI, Benjamin - GAIKWAD, Hanmant K. - VAHIDI PASHAKI, Pooyan - KATTI, Dinesh R. - SHETTY, Kalidas - KATTI, Kalpana S.. Rhodiola crenulata induces apoptosis in bone metastatic breast cancer cells via activation of caspase-9 and downregulation of MtMP activity. In Scientific reports, 2025, roč. 15, č. 1.

[1] (2025) SANT, Akarti - MODANWAL, Shruti - PARVEEN, Shama - AHTSHAM, Ana - PORWAL, Konica - MISHRA, Nidhi - BANERJEE, Monisha - CHATTOPADHYAY, Naibedya - GUPTA, Atul - BHATIA, Sonika. Value Addition to Citrus maxima Peels: Extraction and Modification of Naringenin into Hydrazones Derivatives for Anti-Breast Cancer and Osteogenic Activity via In Vitro and In Silico Studies. In Chemistry & Biodiversity, 2025, roč. 22, č. 12, art. no. e01059

[1] (2025) SHAFI, Sadat - AHMED, Faraha - WAHEED, Ayesha - AHMAD, Syed Sufiyan - KHAN, Sana - KHAN, Mohammad Ahmed - POTTOO, Faheem Hyder - RABBANI, Syed Arman - SINGH, Shailja - NAJMI, Abul Kalam. Phytochemicals and Nanotechnology: A Powerful Combination against Breast Cancer. In Mini reviews in medicinal chemistry, 2025, roč. 25, č. 9, s. 675-692.

[1] (2025) SHAJI, Shilsy - KAMATH, Adithya Jayaprakash - KURUP, Devika Vinod - DARSHINI, M. Divya - VINOD, B. S. - AMBILI, Ambili Raj - SETHI, Gautam - NATH, Lekshmi R.. Tumor-preventive properties of phytopigments against breast cancer. In Bioprospecting of Natural Pigments in Human Health. London : Academic Press, 2025. ISBN 978-0-443-24017-1, S. 39-78.

[1] (2025) SHENOY, Thripthi Nagesh - ABDUL SALAM, Abdul Ajees. Therapeutic potential of dietary bioactive compounds against anti-apoptotic Bcl-2 proteins in breast cancer. In Critical reviews in food science and nutrition, 2025, roč. 65, č. 25, s. 4915-4940.

[1] (2025) SINGH, Jitender - KHANDUJA, Krishan Lal - AVTI, Pramod K.. Flavonoids and nitrogen-containing heterocyclic phytochemicals regulate DNA repair via mir-2909-mediated modulation of MRN-checkpoint genes in breast cancer. In Biochemical and biophysical research communications, 2025, roč. 778.

[1] (2025) SINGH, Megha - VERMA, Meenakshi - PANDEY, Shivam - KUMAR, Rahul - KHAN, Fahad - PANDEY, Pratibha. Anticancer Potential of Quercetin, Epigallocatechin Gallate, Kaempferol, Apigenin, and Curcumin against Several Human Carcinomas. In Endocrine, metabolic & immune disorders drug targets, 2025, roč. 25, č. 14, s. 1148-1159.

[1] (2025) SONKAR, Priyanka - SONKAR, Amit. Role of Dietary Supplements in Cancer Prevention. In Nano-formulation of Dietary Phytochemicals for Cancer Management. London :

Springer Nature, 2025. ISBN 9789819780051, S. 65-86.

[1] (2025) SUKUMARAN, Nishasri - SUREKA, C. S. - GURUSARAVANAN, P. - THIRUNAVUKKARASU, V. - ALAGUPANDI, R. - PRIYADHARSHINI, T.. Investigations on bioactive compounds of Punica granatum and Beta vulgaris for breast cancer treatment: Network pharmacology predictions, molecular docking, and in-vitro experimental verification of radiation-sensitizing effects. In Computational Biology and Chemistry, 2025, roč. 119.

[1] (2025) UDDIN, Md Nazim - WANG, Jie - BHUIYAN, Md Habibur Rahman - RASHID, Md Mamunur - MAMUN, Md Zia Uddin Al - SYED, Ashikujaman - RONEY, Miah. Exploring the anti-cancer potential of daidzin in breast cancer: Integrated bioinformatics and computational insights on oncogene inhibition. In Computational Biology and Chemistry, 2025, roč. 119, art. no. 108590

[1] (2025) WALI, Adil Farooq - PILLAI, Jayachithra Ramakrishna - TALATH, Sirajunisa - SHIVAPPA, Pooja - SRIDHAR, Sathvik Belagodu - EL-TANANI, Mohamed - RANGRAZE, Imran Rashid - MOHAMED, Omnia Ibrahim - AL ANI, Nowar Nizar. Phytochemicals in Breast Cancer Prevention and Treatment: A Comprehensive Review. In Current issues in molecular biology, 2025, roč. 47, č. 1.

[1] (2026) BAU, Dilkay - RUBIANG-YALAMBING, Lydia. Determination of phytochemicals in sweet potatoes from the PNG University of Technology farm and selected varieties from the Lae main market. In Processing Nutrition and Value Addition Principles of Neglected and Underutilized African Foods. Amsterdam : Elsevier, 2026. ISBN 9780443334344, S. 161-170.

[1] (2026) FREITAS, Suzana Maria de Lemos - MENEZES, Mariel Caroline da Silva - LAZARONE SOARES, Carolina - BATISTA, Matheus dos Santos - DA COSTA, Danielly C.Ferraz - OMENA, Juliana - CITELLI, Marta. Influence of plant-derived bioactive compounds on iron metabolism: mechanistic insights with translational relevance. In Critical reviews in food science and nutrition, 2026, roč. 66, č. 7, s. 1231-1258.

[1] (2026) IBRAHIM, Neama - YAHIA, Sarah - RASHED, Khaled - EL SHERIF, Rabab M. - EL-SHERBINY, Ibrahim M.. Essential Oils-Based Nanodelivery System for Phytochemical-Rich Bauhinia Alba Extract: Enhanced Anticancer Efficacy against MCF7 Cell Line and Ehrlich Ascites-Bearing Animal Model. In Egyptian journal of chemistry, 2026, roč. 69, č. 3, s. 183-198.

[1] (2026) LI, Wenxu - SHI, Qizhong - MU, Yonghui - LI, Chenglei - ZHAO, Wenchao - HAN, Na. CCT7 predicts poor prognosis and correlates with immune infiltration in colonic adenocarcinoma. In Journal of Molecular Histology, 2026, roč. 57, č. 1, 10715

[1] (2026) MUNTEAN, Emilia Daliana - LAZĂR, Daniela Cornelia - PAH, Ana Maria - BANCUI, Christian - CHIRIAC, Sorin Dan - BOANTĂ, Iasmina Denisa - MUNTEAN, Florin - BLIDIŞEL, Iulian Alexandru - DRĂGHICI, George Andrei - JIPA, Radu. Synergistic Interactions Between Medicinal Plant Bioactive and Standard Chemotherapy in Gastric Cancer: Preclinical Evidence and Translational Pitfalls. In Biomedicines, 2026, roč. 14, č. 4, art. no. 947

[2] (2022) WIECZOREK, Edyta - FAROOQI, Ammad Ahmad - RESZKA, Edyta. Androgen Receptor Modulation and Bladder Cancer Prevention. In Medycyna Pracy, 2022, roč. 73, č. 2, s. 1-13.

[2] (2023) BROTONS-CANTO, Ana - URENA, Claudia P. - IMBULUZZQUETA, Izaskun - LUQUE-MICHEL, Edurne - MARTINEZ-LÓPEZ, Ana Luisa - BELLESTEROS-RAMÍREZ, Ricardo - ROJAS, Laura - FIORENTINO, Susana. Encapsulated Phytomedicines against Cancer : Overcoming the “Valley of Death”. In Pharmaceutics, 2023, roč. 15, č. 4, art. no. 1038

[2] (2023) KAHALE, Vivek - SHENDE, Madhukar. Understanding the prophylactic, chemo preventive, and pharmacotherapeutic perspectives of various dietary foods in breast cancer. In Journal of Medical Pharmaceutical and Allied Sciences, 2023, roč. 12, č. 2, s. 5666-5674.

[2] (2023) SINTIM, Henry - ANSAH, Kwame. Effects of biopesticides extracted with a homemade solvent on stored maize protection. In Agricultura tropica et subtropica, 2023, s. 125-142.

MSEP 030210

ADC Erythropoietin Potentiates the Anti-Proliferative Effect of Tamoxifen in Ovarian Adenocarcinoma
39 A2780 Cells / Patrícia Kimáková ... [et al.].

In: Acta Chimica Slovenica. - ISSN 1318-0207. - Roč. 65, č. 4 (2018), s. 842-846. Projekt:

Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén

- VEGA 1/0394/15. 10.17344/acsi.2018.4452 DOI;DOI; SCOPUS; WOS; CCC;

2018 SJR=0,269; 2018 CiteScore=1,7; 2018 SNIP=0,452; 2018 IF=1.076; 2018 Q3(Chemistry (miscellaneous)) Scimago; 2018 Q4(Chemistry, multidisciplinary) JCR

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SSEP 020006

ADC Metformin and melatonin inhibit DMBA-induced mammary tumorigenesis in rats fed a high-fat diet /

40 In: Anti-cancer drugs. - ISSN 0959-4973. - Roč. 29, č. 2 (2018), s. 128-135. Projekt: Vplyv podávania metformínu, pioglitazónu a melatonínu v mamárnej karcinogénze in vivo - VEGA 1/0153/13 ; Hodnotenie protinádorových účinkov rastlinných funkčných potravín v modeli rakoviny prsníka - VEGA 1/0108/16. 10.1097/CAD.0000000000000576 DOI;DOI; SCOPUS; CCC; WOS;

2018 IF=1,801; 2018 SNIP=0,588; 2018 SJR=0,684; 2018 CiteScore=3,6; 2018

Q3(Pharmacology & pharmacy) JCR; 2018 Q4(Oncology) JCR; 2018 Q2(Pharmacology)

Scimago; 2018 Q2(Pharmacology (medical)) Scimago; 2018 Q3(Cancer research) Scimago; 2018

Q3(Oncology) Scimago

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[BOJKOVÁ, Bianka (Korešpondenčný autor, 25%) - KAJO, Karol (Autor, 15%) - KISKOVÁ, Terézia (Autor, 15%) - KUBATKA, Peter (Autor, 15%) - ŽÚBOR, Pavol (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - PÉČ, Martin (Autor, 5%) - ADAMKOV, Marian (Autor, 5%)]

Kategórie ohlasov do roku 2021: (9)

[1] (2018) GILES, Erin - JINDAL, Sonali - WELLBERG, Elizabeth - SCHEDIN, Troy - ANDERSON, Steven - THOR, Ann - EDWARDS, Dean - MACLEAN, Paul - SCHEDIN, Pepper. Metformin inhibits stromal aromatase expression and tumor progression in a rodent model of postmenopausal breast cancer. In Breast Cancer Research, 2018, roč. 20, čl. č. 50

[1] (2018) GONZÁLEZ-GONZÁLEZ, A. - MEDIÁVILLA, M. D. - SÁNCHEZ-BARCELÓ, E. J.. Melatonin: A molecule for reducing breast cancer risk. In Molecules, 2018, roč. 23, č. 2, čl. č. 336

[1] (2019) ABUTAHA, Nael - NASR, Fahd A. - AL-ZHARANI, Mohammed - ALQAHTANI, Ali S. - NOMAN, Omar M. - MUBARAK, Mohammed - ABDELHABIB, Semlali - WADAAN, Muhammad A.. Effects of Hexane Root Extract of Ferula hermonis Boiss. on Human Breast and Colon Cancer Cells: An In Vitro and In Vivo Study. In BioMed research international, 2019, roč. 2019, č. 1, art. no. 3079895

[1] (2019) GOLUBEV, A. G. - PANCHENKO, A. V. - GUBAREVA, E. A. - KIREEVA, S. G. - ANISIMOV, V. N.. Clock genes vs. Breast cancer. In Voprosy onkologii, 2019, roč. 65, č. 1, s. 43-55.

[1] (2020) DE, Anindita - KUPPUSAMY, Gowthamarajan. Metformin in breast cancer: preclinical and clinical evidence. In Current Problems in Cancer, 2020, roč. 44, č. 1, art.no. 100488

[1] (2020) ZAKI, Nevin F.W. - SABRI, Yomna M. - FAROUK, Omar - ABDELFAHAT, Amany - SPENCE, David Warren - BAHAMMAM, Ahmed S. - PERUMAL, Seithikurippu R.Pandi. Depressive symptoms, sleep profiles and serum melatonin levels in a sample of breast cancer patients. In Nature and Science of Sleep [online] 2020, č. 12, s. 135-149.

[1] (2021) AHMED, Zainab Sabry Othman - GOLOVOY, Matthew - ABDULLAH, Yassen - AHMED, Reda Saber Ibrahim - DOU, Q. Ping. Repurposing of Metformin for Cancer Therapy: Updated Patent and Literature Review. In Recent patents on anti-cancer drug discovery, 2021, roč. 16, č. 2, s. 161-186.

[1] (2021) KAWAKITA, Emi - YANG, Fan - KUMAGAI, Asako - TAKAGAKI, Yuta - KITADA, Munehiro - YOSHITOMI, Yasuo - IKEDA, Takayuki - NAKAMURA, Yuka - ISHIGAKI, Yasuhito - KANASAKI, Keizo - KOYA, Daisuke. Metformin Mitigates DPP-4 Inhibitor-Induced Breast Cancer Metastasis via Suppression of mTOR Signaling. In Molecular cancer research [online] 2021, roč. 19, č. 1, s. 61-73.

[1] (2021) SHIH, Yin Hwa - CHIU, Kuo Chou - WANG, Tong Hong - LAN, Wan Chen - TSAI, Bi He - WU, Li Jia - HSIA, Shih Min - SHIEH, Tzong Ming. Effects of melatonin to arecoline-induced reactive oxygen species production and DNA damage in oral squamous cell carcinoma. In Journal of the Formosan Medical Association, 2021, roč. 120, č. 1, s. 668-678.

Kategórie ohlasov od roku 2022: (5)

[1] (2022) BEYAZ, Seda - ASLAN, Abdullah - GOK, Ozlem - USLU, Harun - AGCA, Can Ali -

OZERCAN, Ibrahim Hanifi. In vivo, in vitro and in silico anticancer investigation of fullerene C₆₀ on DMBA induced breast cancer in rats. In Life sciences [online] 2022, roč. 291. [1] (2022) KURHALUK, Natalia - TKACHENKO, Halyna. Effects of melatonin and metformin in preventing lysosome-induced autophagy and oxidative stress in rat models of carcinogenesis and the impact of high-fat diet. In Scientific reports, 2022, roč. 12, č. 1, art. no. 4998 [1] (2023) KALLAMADI, Prathap Reddy - ESARI, Deepshika - ADDI, Utkarsh Reddy - KESAVAN, Rushendhiran - PUTCHA, Uday Kumar - NAGINI, Siddavaram - REDDY, Geerreddy Bhanuprakash. Obesity Associated with Prediabetes Increases the Risk of Breast Cancer Development and Progression—A Study on an Obese Rat Model with Impaired Glucose Tolerance. In International journal of molecular sciences, 2023, roč. 24, č. 14. [1] (2026) ALVES, Mayara Souza - DAMOUS, Luciana Lamarão - FERREIRA, Isaque da Silva - FERREIRA, Cecília da Silva - SORPRESO, Isabel Cristina Esposito - CIPOLLA-NETO, José - BARACAT, Edmund Chada - SOARES, José Maria. Melatonin's oncostatic effects in experimental breast cancer: A systematic review of dose-response and apoptotic mechanisms in animal models. In Clinics, 2026, roč. 81. [2] (2020) KOTYOLKINA, Anastasiya - MERKULOVA, Larisa - KOSTROVA, Oľga - STRUCHKO, Gleb - MOSKVICHEV, Evgeny - STOMENSKAYA, Irina. FEATURES OF RAT THYMUS MORPHOLOGY AT THE INDUCTION OF THE BREAST CANCER BY N-METHYL-N-NITROSOUREA. In Morfologicheskie Vedomosti, 2020, roč. 28, č. 2, s. 55-63.

SSEP 019176

- ADC Monoamine Oxidase B in Renal Cell Carcinoma / Hodorová, I. ... [et al.].
41 In: Medical Science Monitor : international medical journal of experimental and clinical research. - ISSN 1234-1010. - Roč. 24, (2018), s. 5422-5426. Projekt: VEGA ; VEGA VEGA 1/0394/15 ; KEGA KEGA 019 UPJŠ-4/2017. CCC; SCOPUS; WOS;
2018 CCC IF=1,980; 2018 Q3 (Medicine, Research & Experimental) WoS - SCIE
[OV 180];
[HODOROVÁ, Ingrid (Autor, 40%) - RYBÁROVÁ, Silvia (Autor, 10%) - SOLÁR, Peter (Autor, 5%) - BENICKÝ, Marián (Autor, 3%) - RYBÁR, Dušan (Autor, 1%) - KOVÁČOVÁ, Zuzana (Autor, 1%) - MIHALIK, Jozef (Korešpondenčný autor, 40%)]
Kategórie ohlasov do roku 2021: (1)
[1] (2020) PANG, Yu Yan - LI, Jian Di - GAO, Li - YANG, Xia - DANG, Yi Wu - LAI, Ze Feng - LIU, Li Min - YANG, Jie - WU, Hua Yu - HE, Rong Quan - HUANG, Zhi Guang - XIONG, Dan Dan - YANG, Li Hua - SHI, Lin - MO, Wei Jia - TANG, Deng - LU, Hui Ping - CHEN, Gang. The clinical value and potential molecular mechanism of the downregulation of MAOA in hepatocellular carcinoma tissues. In Cancer Medicine, 2020, roč. 9, č. 21, s. 8004-8019.
Kategórie ohlasov od roku 2022: (2)
[1] (2023) LI, Wenxia - LING, Ling - XIANG, Lei - DING, Peng - YUE, Wei. Identification and validation of a risk model and molecular subtypes based on tryptophan metabolism-related genes to predict the clinical prognosis and tumor immune microenvironment in lower-grade glioma. In Frontiers in Cellular Neuroscience, 2023, roč. 17.
[1] (2024) WANG, Shanshan - DAI, Wangqiang - HUANG, Zhuang - LIU, Jiajing - HUANG, Hailing - YE, Yan - CHEN, Pengyu - DUAN, Bailu - JIANG, Qi - WEN, Yuxin - HAN, Lintao - LI, Jingjing. Mechanism of Action of Qingreksan Granules in Alleviating Nephrotic Syndrome Evaluated by a Multi-Omics Approach. In Natural Product Communications, 2024, roč. 19, č. 8, 72658

MSEP 030184

- ADC Anticancer Activities of Thymus vulgaris L. in Experimental Breast Carcinoma In Vivo and In Vitro [elektronický zdroj] / Peter Kubatka ... [et al.].
42 In: International journal of molecular sciences. - ISSN 1422-0067. - Roč. 20, č. 7 (2019), s. [1-29]. - Spôsob prístupu: http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000464983600005. Projekt: Hodnotenie antineoplastických účinkov rastlinných funkčných potravín v mamárnej karcinogénéze - VEGA 1/0136/19 ; Génová regulácia a klonálna evolúcia v predikcii funkčno-mutačnej zmeny primárneho a metastatického karcinómu prsníka ako skorý prediktor vzniku, progresie, disseminácie a chemoterapeutickej rezistencie ochorenia - VEGA 1/0124/17 ; Úloha mikroRNA v karcinóme prsníka: biologický význam, ciele molekuly a signálne dráhy - APVV APVV-16-0021 ; Bunkové interakcie v nádorovom

mikroprostredí a ich farmakologické ovplyvnenie - APVV APVV-16-0446 ; Medicínsky univerzitný vedecký park v Košiciach (MediPark, Košice - Fáza II.) - MŠVVaŠ SR ITMS 313011D103. 10.3390/ijms20071749 DOI;DOI; SCOPUS; CCC; WOS;

2019 IF=4,556; 2019 SNIP=1,300; 2019 SJR=1,317; 2019 CiteScore=5,30; 2019

Q1(Biochemistry & molecular biology) JCR; 2019 Q2(Chemistry, multidisciplinary) JCR; 2019 Q1(Computer science applications) Scimago; 2019 Q1(Inorganic chemistry) Scimago; 2019 Q1(Medicine (miscellaneous)) Scimago; 2019 Q1(Organic chemistry) Scimago; 2019 Q1(Physical and theoretical chemistry) Scimago; 2019 Q1(Spectroscopy) Scimago; 2019 Q2(Catalysis) Scimago; 2019 Q2(Molecular biology) Scimago
[OV 180];

[KUBATKA, Peter (Korešpondenčný autor, 15%) - URAMOVÁ, Soňa (Autor, 4%) - KELLO, Martin (Autor, 10%) - KAJO, Karol (Autor, 7%) - SAMEC, Marek (Autor, 7%) - JAŠEK, Karin (Autor, 7%) - VÝBOHOVÁ, Desanka (Autor, 5%) - MAZURÁKOVÁ, Alena (Autor, 3%) - MOJŽIŠ, Ján (Korešpondenčný autor, 5%) - ADAMKOV, Marian (Autor, 5%) - ŽÚBOR, Pavol (Autor, 5%) - ŠMEJKAL, Karel (Autor, 4%) - ŠVAJDLENKA, Emil (Autor, 4%) - SOLÁR, Peter (Autor, 5%) - SAMUEL, Samson Mathews (Autor, 1%) - ZULLI, Anthony (Autor, 1%) - KASSAYOVÁ, Monika (Autor, 4%) - LASABOVÁ, Zora (Autor, 3%) - KWON, Taeg Kyu (Autor, 1%) - PÉČ, Martin (Autor, 2%) - DANKO, Ján (Autor, 1%) - BÜSSELBERG, Dietrich (Korešpondenčný autor, 1%)]

Kategórie ohlasov do roku 2021: (21)

[1] (2020) AFONSO, Andrea F. - PEREIRA, Olívia R. - CARDOSO, Susana M.. Health-promoting effects of thymus phenolic-rich extracts: Antioxidant, anti-inflammatory and antitumoral properties. In *Antioxidants*, 2020, roč. 9, č. 9, s. 1-24, č. článku 814

[1] (2020) HASSAN, M. Sobhy - NAGLAA, H. M.Hassanen - MAMDOUH, A. I.Ahmed. Hepatoprotective activities of thyme (*Thymus vulgaris* L.) in rats suffering from obesity. In *Egyptian journal of chemistry*, 2020, roč. 63, č. 12, s. 5087-5101.

[1] (2020) KHALIL, Mohamad - KHALIFEH, Hala - BALDINI, Francesca - SERALE, Nadia - PARODI, Alessia - VOCI, Adriana - VERGANI, Laura - DAHER, Ahmad. Antitumor Activity of Ethanolic Extract from *Thymbra Spicata* L. aerial Parts: Effects on Cell Viability and Proliferation, Apoptosis Induction, STAT3, and NF-κB Signaling. In *Nutrition and Cancer*, 2020, s. 1-14.

[1] (2020) KHWAZA, Vuyolwethu - OYEDEJI, Opeoluwa O. - ADERIBIGBE, Blessing Atim. Ursolic acid-based derivatives as potential anti-cancer agents: An update. In *International journal of molecular sciences*, 2020, roč. 21, č. 16, s. 1-27.

[1] (2020) NIRMALA, M. Joyce - DURAI, Latha - GOPAKUMAR, Vineet - NAGARAJAN, Ramamurthy. Preparation of celery essential oil-based nanoemulsion by ultrasonication and evaluation of its potential anticancer and antibacterial activity. In *International Journal of Nanomedicine*, 2020, roč. 15, s. 7651-7666.

[1] (2020) SCHWEIKER, Stephanie S. - TAUBER, Amanda L. - M LEVONIS, Stephan. In silico identification and in vitro activity of natural products as ADP-ribosyl transferase member 8 inhibitors. In *Future Medicinal Chemistry*, 2020, roč. 12, č. 19, s. 1729-1741.

[1] (2020) TALIB, Wamidh - AL-ATABY, Israa A. - ISMAIL MAHMUD, Asma - JAWARNEH, Sajidah - AL KURY, Lina T. - AL-YASARI, Intisar Hadi. The impact of herbal infusion consumption on oxidative stress and cancer: The good, the bad, the misunderstood. In *Molecules*, 2020, roč. 25, č. 18, č. článku 4207

[1] (2020) VESNINA, Anna D. - DMITRIEVA, Anastasia I. - ASYAKINA, Lyudmila K. - VELICHKOVICH, Natalia S. - PROSEKOV, Alexander Yu. Relevance of the use of plant extracts in the creation of functional products that have a geroprotective effect. In *International journal of pharmaceutical research*, 2020, roč. 12, č. 3, s. 1865-1879.

[1] (2020) WAGH, Nilesh Shirish - PAI, Sandeep Ramchandra - SONKAMBLE, Varsha Vasantrao. Phytochemicals in the prevention and cure of cancers. In *Plant-derived Bioactives*. 2020. ISBN 9789811523618, s. 351-373.

[1] (2021) ALI, Abuzer. Chemical Composition, alpha-Glucosidase Inhibitory and Anticancer Activity of Essential Oil of *Thymus vulgaris* Leaves. In *Journal Journal of Essential Oil Bearing Plants*, 2021, roč. 24, č. 4, s. 695-703.

[1] (2021) FUOCHI, Virginia - ROSATO, Antonio - EMMA, Rosalia - FURNERI, Pio Maria. Colistin and Kanamycin together in association with *coridothymus capitatus* to enhance their antimicrobial activity and fight multidrug-resistance pathogens. In *Biointerface research in applied*

chemistry, 2021, roč. 11, č. 2, s. 8608-8625.

[1] (2021) KEYKHASALAR, Roghaye - TABRIZI, Masoud Homayouni - ARDALAN, Pouran - KHATAMIAN, Niloufar. The Apoptotic, Cytotoxic, and Antiangiogenic Impact of Linum usitatissimum Seed Essential Oil Nanoemulsions on the Human Ovarian Cancer Cell Line A2780. In Nutrition and Cancer, 2021, roč. 73, č. 11-12, s. 2388-2396.

[1] (2021) KHALAF, Alsafa N. - ABED, Ibrahim J.. Evaluating the in vitro cytotoxicity of thymus vulgaris Essential Oil on MCF-7 and HeLa cancer cell lines. In Iraqi Journal of Science, 2021, roč. 62, č. 9, s. 2862-2871.

[1] (2021) NIKSIC, Haris - BECIC, Fahir - KORIC, Emina - GUSIC, Irma - OMERAGIC, E. - MURATOVIC, Samija - MILADINOVIC, Bojana - DURIC, Kemal. Cytotoxicity screening of Thymus vulgaris L. essential oil in brine shrimp nauplii and cancer cell lines. In Scientific reports, 2021, roč. 11, č. 1.

[1] (2021) PATIL, Shashank M. - RAMU, Ramith - SHIRAHATTI, Prithvi S. - SHIVAMALLU, Chandan - AMACHAWADI, Raghavendra G.. A systematic review on ethnopharmacology, phytochemistry and pharmacological aspects of Thymus vulgaris Linn.. In Heliyon [online] 2021, roč. 7, č. 5, art. no. e07054.

[1] (2021) SHERMETYEWA, A. S. - NAPSHEVA, A. M. - DURNOVA, N. A.. ANTITUMOR ACTIVITY IN VIVO OF AQUEOUS AND ALCOHOLIC EXTRACTS OF THYMUS MARSCHALLIANUS WILLD. In Pharmacy and pharmacology, 2021, roč. 9, č. 6, s. 476-484.

[1] (2021) SILVA, Ana Sanches - TEWARI, Devesh - SUREDA, Antoni - SUNTAR, Ipek - BELWAL, Tarun - BATTINO, Maurizio - NABAVI, Seyed Mohammed - NABAVI, Seyed Fazel. The evidence of health benefits and food applications of Thymus vulgaris L.. In Trends in Food Science & Technology, 2021, roč. 117, s. 218-227.

[1] (2021) SINGH, Vibhavana - REDDY, Rakesh - SINHA, Antarip - MARTURI, Venkatesh - PANDITHARADYULA, Shravani S. - BALA, Asis. A review on phytopharmaceuticals having concomitant experimental anti-diabetic and anti-cancer effects as potential sources for targeted therapies against insulin-mediated breast cancer cell invasion and migration. In Current cancer therapy reviews, 2021, roč. 17, č. 1, s. 49-74.

[1] (2021) THAMER, Neran A. - HAMMADI, Alyaa H. - YASEEN, Muna Mohammed. Evaluation of antioxidant activity and cytotoxic potential of thymus vulgaris leaf extracts. In Tropical journal of natural product research, 2021, roč. 5, č. 8, s. 1389-1396.

[1] (2021) ZINGUE, Stéphane - MINDANG, Elisabeth Louise Ndjengue - AWOUNFACK, Florence Charline - KALGONBE, Abel Yanfou - KADA, Moustapha Mohamet - NJAMEN, Dieudonné - NDINTEH, Derek Tantoh. Oral administration of tartrazine (E102) accelerates the incidence and the development of 7,12-dimethylbenz(a) anthracene (DMBA)-induced breast cancer in rats. In BMC complementary medicine and therapies, 2021, roč. 21, č. 1, art. no. 303

[3] (2020) TAMAS-KRUMPE, Octavia - DOSTETAN ABALARU, Cornelia - GROSU, Romana - BUTA, Andreea - MARGAOAN, Rodica - OGNEAN, Laurent. Medicinal properties of Thymus vulgaris essential oil: a review. In Lucrari stiintifice: Seria C- Medicina Veterinara, 2020, roč. 63, č. 2, s. 129-135.

Kategórie ohlasov od roku 2022: (65)

[1] (2021) TOUKABRI, Imen - SAID, Azza Ben - HAMDI, Adel - MOKRANI, Amina - GABSI, Azza - AYED, Wiem Ben - TOUNSI, Karawen - LIMAYEM, Imen. Patterns of complementary and alternative medicine use among Tunisian cancer patients. In Journal of oncology pharmacy practice, 2021, roč. 27, č. 8, s. 1948-1957.

[1] (2022) ABDELMOHSEN, Mona M. - SALAH, Ibrahim A. - HANDOUSSA, Heba - MANDOUR, Yasmine M.. Identification and quantitation of ursolic acid in Plectranthus amboinicus extract; molecular docking approach for its antiproliferative potential. In Egyptian journal of chemistry, 2022, roč. 65, č. 12, s. 305-311.

[1] (2022) AL-ATABY, Israa A. - TALIB, Wamidh. Wild Thyme Herbal Infusion Consumption Suppresses Tumor Growth in a Murine Model of Breast Cancer. In Current signal transduction therapy, 2022, roč. 17, č. 2, s. 32-45.

[1] (2022) BACALBAŞA, Nicolae - BALESCU, Irina - STOICA, Claudia - POP, Lucian - VARLAS, Valentin - MARTAC, Cristina - VOICHITOIU, Andrei - GASPARG, Bogdan. The anti-inflammatory, anti-infectious and anti-cancerous effects of Thymus vulgaris. In Romanian Journal of Medical Practice, 2022, roč. 17, s. 21-23.

[1] (2022) HAMMOUDI HALAT, Dalal - KRAYEM, Maha - KHALED, Sanaa - YOUNES,

- Samar. A Focused Insight into Thyme: Biological, Chemical, and Therapeutic Properties of an Indigenous Mediterranean Herb. In *Nutrients*, 2022, roč. 14, č. 10, art. no. 2104
- [1] (2022) HOMAYOUNI-TABRIZI, Masoud - SEYEDI, Seyed Mohammad Reza - MOKHTAREEIZADEH, Zeynab. The anticancer activity of metal oxides and phytochemical-enriched medicinal nano-spheres (MNS); a comparative evaluation. In *Inorganic and Nano-Metal Chemistry*, 2022, roč. 52, č. 6, s. 890-897.
- [1] (2022) JAIN, Neetu - CHOUDHARY, Poonam. Phytochemistry, Traditional Uses and Pharmacological Aspect of *Thymus vulgaris*: A Review. In *Indian Journal of Pharmaceutical Sciences*, 2022, roč. 84, č. 6, s. 1369-1379.
- [1] (2022) JALLOUL, Amel - AYADI, Nourhene - KLAI, Amira - ABDERRABBA, Manef. Functionalization of Pasteurized Milk Using Rosemary, Thyme, and Ammoides Aqueous Extracts for Better Microbial Quality and an Improved Antioxidant Activity. In *Molecules*, 2022, roč. 27, č. 12, art. no. 3725
- [1] (2022) JOSHI, Bhuwan C. - JUYAL, Vijay - SAH, Archana N. - VERMA, Piyush - MUKHIJA, Minky. Review on Documented Medicinal Plants used for the Treatment of Cancer. In *Current traditional medicine*, 2022, roč. 8, č. 2, s. 2-158, art. no. e111021197159
- [1] (2022) KIM, Minju - SOWNDHARARAJAN, Kandhasamy - KIM, Songmun. The Chemical Composition and Biological Activities of Essential Oil from Korean Native Thyme Bak-Ri-Hyang (*Thymus quinquecostatus* Celak.). In *Molecules*, 2022, roč. 27, č. 13, art. no. 4251
- [1] (2022) LIANG, Xin Li - LI, Qiu Xiang - HUANG, Xiao Ying - ZHAO, Guo Wei - XIE, Bing Bin - DONG, Wei - YANG, Ming. Research progress on anti-tumor effects of plant essential oils. In *Chinese Traditional and Herbal Drugs*, 2022, roč. 53, č. 4, s. 1252-1263.
- [1] (2022) NASR, Ali M. - MORTAGI, Yasmin I. - ABD ELWAHAB, Nashwa H. - ALFAIFI, Mohammad Y. - SHATI, Ali A. - ELBEHAIRI, Serag Eldin I. - ELSHAARAWY, Reda F.M. - KAMAL, Islam. Upgrading the Transdermal Biomedical Capabilities of Thyme Essential Oil Nanoemulsions Using Amphiphilic Oligochitosan Vehicles. In *Pharmaceutics*, 2022, roč. 14, č. 7, art. no. 1350
- [1] (2022) QATRUN NADA, Derani - MASNIZA, Muhammad Lasim - ABDULLAH, Natasya - MARLINI, Muhamad - ELIAS, Marjanu Hikmah - PATHMANATHAN, Siva Gowri - HAYATI, Abdul Rahman - FADLUL AZIM, Fauzi - HAMID, Adila Abdul - NUR FARIHA, Mohd Manzor. Distinct microRNA expression pattern in breast cancer cells following anti-neoplastic treatment: A systematic review and functional analysis of microRNA target genes. In *Malaysian journal of pathology*, 2022, roč. 44, č. 3, s. 367-385.
- [1] (2022) SARANYA, K. - MANIVASAGAN, V. - GOPI, K. - KARTHIK, K.. Broad-spectrum survey of medicinal plants as a potential source of anticancer agents. In *Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromáticas*, 2022, roč. 21, č. 1, s. 1-40.
- [1] (2022) TANČINOVÁ, Dana - MEDO, Juraj - MAŠKOVÁ, Zuzana - BARBORÁKOVÁ, Zuzana - HLEBOVÁ, Miroslava. Selected plant essential oils of the lamiaceae and apiaceae family as the antifungal agents in the vapour phase against *rhizopus stolonifer* and *rhizopus oryzae* isolated from moulding breads. In *The journal of microbiology, biotechnology and food sciences* [online] 2022, roč. 12, č. 3, s. 1-6, art. no. e9113 . Dostupné na internete <<https://doi.org/10.55251/jmbfs.9113>>
- [1] (2022) YASSIN, Mohamed Taha - MOSTAFA, Ashraf Abdel Fattah - AL-ASKAR, Abdulaziz Abdulrahman - SAYED, Shaban R.M.. In vitro antimicrobial activity of *Thymus vulgaris* extracts against some nosocomial and food poisoning bacterial strains. In *Process Biochemistry*, 2022, č. 115, s. 152-159.
- [1] (2023) ALOTAIBI, Nahaa M. - ALOTAIBI, Modhi O. - ALSHAMMARI, Nawaf - ADNAN, Mohd - PATEL, Mitesh. Network Pharmacology Combined with Molecular Docking, Molecular Dynamics, and In Vitro Experimental Validation Reveals the Therapeutic Potential of *Thymus vulgaris* L. Essential Oil (Thyme Oil) against Human Breast Cancer. In *ACS Omega*, 2023, roč. 8, č. 50, s. 48344-48359.
- [1] (2023) BARAN, Munevver - BITGEN, Nazmiye - ONDER, Gozde Ozge - GURBUZ, Perihan - YAY, Arzu. Cell proliferation, apoptosis and inflammation response of *Melissa officinalis* and *Thymus vulgaris* in SW480 colon cancer cells. In *South African Journal of Botany*, 2023, č. 162, s. 282-295.
- [1] (2023) BLTGEN, Nazmiye - ONDER, Gozde Ozge - BARAN, Munevver - YAY, Arzu. Cytotoxicity screening of *Thymus vulgaris* L. in breast cancer: In vitro study. In *Toxicology*

research, 2023, roč. 12, č. 4, s. 584-590.

[1] (2023) CHOPRA, Hitesh - TSAGKARIS, Christos - MATTHEWS, Lauren - GAUTAM, Rupesh Kumar - KAMAL, Mohammad Amjad. Novel Approaches for the Application of Herbs for Skin Care. In Current pharmaceutical biotechnology, 2023, roč. 24, č. 1, s. 164-187.

[1] (2023) DA SILVA, Janaína Carla - KAWASSAKI, Aedra Carla Bufalo - ALVES, Fernanda Mara - PACHOLAK, Letícia Madureira - FERREIRA, Mariane Okamoto - COLETTI, Mateus Iago Oliveira - GARBIM, Matheus Ricardo - PANIS, Carolina. Animal Models in Cancer Research: Breast Cancer. In Handbook of Animal Models and its Uses in Cancer Research. Singapore : Springer Nature, 2023. ISBN 9789811938238, S. 247-266.

[1] (2023) KAMALIA, Aify Zulfa - TUNJUNG, Woro Anindito Sri. Efficacy of Different Solvents in the Extraction of Bioactive Compounds and Anti-cancer Activities of Thymus vulgaris Leaves and Twigs. In Indonesian journal of pharmacy, 2023, roč. 34, č. 3, s. 419-430.

[1] (2023) KARUNAKARAN, Sadhana - SINDUJA, Palati - PRIYADHARSHINI, R. - GANESH, P. Sankar. Synergistic Activity of Moringa Oleifera and Thyme Vulgaris Essential Oil Against Streptococcus Mutans: An Observational Study. In Journal of complementary medicine research, 2023, roč. 14, č. 1, s. 153-157.

[1] (2023) LAXMI, Aishwarya - GARG, Sourbh Suren - SINGH, Arnika - PRABHAKAR, Pranav Kumar - GUPTA, Jeena. Histone Modifying Potential of Dietary Phytochemicals: Implications in Treating Breast Cancer. In Current Pharmacology Reports, 2023, roč. 9, č. 6, s. 489-510.

[1] (2023) MONTALVAO, Monalisa Martins - FELIX, Franciel Batista - DOS SANTOS, Edmilson William Propheta - SANTOS, Jileno Ferreira - DE LUCCA JUNIOR, Waldecy - FARIAS, Atenilton Santos - RIBEIRO, Adaauto de Souza - CAVALEIRO, Carlos - MACHADO, Samisia Maria Fernandes - SCHER, Ricardo - CORREA, Cristiane Bani. Cytotoxic activity of essential oil from Leaves of *Myrcia splendens* against A549 Lung Cancer cells. In BMC complementary medicine and therapies, 2023, roč. 23, č. 1, 3969

[1] (2023) NOUMI, Emira - AHMAD, Iqar - BOUALI, Nouha - PATEL, Harun - GHANNAY, Siwar - ALRASHIDI, Ayshah Aysh - ABDULHAKEEM, Mohammad A. - PATEL, Mitesh - CEYLAN, Ozgur - BADRAOUI, Riadh - MOUSA ELAYYAN, Afnan Elayyan - ADNAN, Mohd - KADRI, Adel - SNOUSSI, Mejdi. Thymus musilii Velen. Methanolic Extract: In Vitro and In Silico Screening of Its Antimicrobial, Antioxidant, Anti-Quorum Sensing, Antibiofilm, and Anticancer Activities. In Life, 2023, roč. 13, č. 1, art. no. 62

[1] (2023) OTEYOLA, Ayodeji Ojo - PILLA, Raffaele - OLA-OLADIMEJI, Folasade Adesola - FAGBUARO, Omotayo - DE AVILA, Daiana Silva - ALIMBA, Chibuisi Gideon - JORGE, Erika Cristina - DE ALMEIDA, Fernanda R.C.L.. Roles of phytochemical agents in the prevention of primary cancer. In Natural Products as Cancer Therapeutics. Hershey : IGI Global, 2023. ISBN 9798369307052, S. 230-253.

[1] (2023) SANCHO, Juan - AMATE, Cristina - DEL MAR CAPARROS PEREZ, Maria - MERIDAS, Omar - JÚLIO, E.. Biological Activity of Hybrid Molecules Based on Major Constituents of Cinnamomum verum and Thymus vulgaris Essential Oils. In Life, 2023, roč. 13, č. 2, art. no. 499

[1] (2023) SONI, Priyanka - GHUFRAN, Md Sajid - DUDDUKURI, Govinda Rao. Anticancer Potential of Plant-Derived Compounds: An Overview of Their Epigenetic Mode of Action. In Bioprospecting of Tropical Medicinal Plants. Cham : Springer Nature, 2023. ISBN 9783031287800, S. 1135-1175.

[1] (2023) TRIPATHI, Deepika - ATTRI, Dharam Chand. BIOACTIVE COMPOUNDS AND PHARMACOLOGICAL EFFICACY OF THYMUS VULGARIS L.: A TRADITIONAL FOLK MEDICINAL PLANT. In Bioactives and Pharmacology of Lamiaceae. Palm Bay : Apple Academic Press, 2023. ISBN 9781000797596, S. 297-308.

[1] (2023) XIANG, Gelin - XING, Nan - WANG, Shaohui - ZHANG, Yi. Antitumor effects and potential mechanisms of aconitine based on preclinical studies: an updated systematic review and meta-analysis. In Frontiers in Pharmacology, 2023, roč. 14, art. no. 1172939.

[1] (2024) ADEWALE, Olusola B. - AYODELE, Temitope D. - OKANDEJI, Jasmine O. - ANADOZIE, Scholastica O. - OSUKOYA, Olukemi A. - OLAOYE, Oyindamola A. - AFOLABI, Olakunle B. - OBAFEMI, Olabisi T.. Crassocephalum rubens mitigates hepatic damage in 7,12-dimethylbenz[a]anthracene (DMBA)-induced mammary gland toxicity in rats. In Tropical journal of natural product research, 2024, roč. 8, č. 7, s. 7861-7868.

[1] (2024) AHMED, Mohamed A. - SALEH, Mahmoud A.M. - MANSOUR, Mahmoud M.. The

- Prospective Impact of Some Edible Herbal Extracts on Cancer Cell Viability, Biochemical, and Cellular Immune Mediators In vitro. In *Egyptian Journal of Botany*, 2024, roč. 64, č. 1, s. 179-191.
- [1] (2024) ANWAR, Farooq - MAHRYE, - KHAN, Rahim - QADIR, Rahman - SAADI, Sami - GRUCZYNSKA-SEKOWSKA, Eliza - SAARI, Nazamid - HOSSAIN BRISHTI, Fatema. Exploring the Biochemical and Nutra-Pharmaceutical Prospects of Some Thymus Species – A Review. In *Chemistry & Biodiversity*, 2024, roč. 21, č. 7.
- [1] (2024) DEHNOEE, Ali - JAVAD KALBASI, Roozbeh - ZANGENEH, Mohammad Mahdi - DELNAVAZI, Mohammad Reza - ZANGENEH, Akram. Characterization, Anti-lung Cancer Activity, and Cytotoxicity of Bio-synthesized Copper Nanoparticles by Thymus fedtschenkoi Leaf Extract. In *Journal of Cluster Science*, 2024, roč. 35, č. 3, s. 863-874.
- [1] (2024) DEVROY, Piyali - CHAKRABORTY, Ratul - BHATTACHARYA, Sanjib - BALA, Asis. Recent advances in medicinal plant research in the concomitant management of diabetes and breast cancer. In *Diabetes and Breast Cancer: An Analysis of Signaling Pathways*. Singapur : Bentham Science Publishers, 2024. ISBN [9789815256024, 9789815256031], S. 180-218.
- [1] (2024) DOBHAL, Kiran - VERMA, Shalu - SINGH, Alka - GARG, Ruchika - JAKHMOLA, Vikash. Exploration of the pharmacological aspects of thymus vulgaris essential oil (TEO). In *Pharmacological Aspects of Essential Oils: Current and Future Trends*. London : Routledge, 2024. ISBN 9781003389774, S. 187-198.
- [1] (2024) FIJALKOWSKA, Aurelia - WESOLOWKA, Aneta - RAKOCZY, Rafal - JEDRZEJCZAK-SILICKA, Magdalena. A comparative study of thyme (Thymus vulgaris L.) essential oils and thymol : differences in chemical composition and cytotoxicity. In *Inżynieria Chemiczna i Procesowa*, 2024, roč. 45, č. 1, art. no. e55
- [1] (2024) JAFARI, Mandana - JUYBARI, Kobra Bahrampour - SHIRI, Hamidreza - AMIRKHOSRAVI, Arian - MEHRABANI, Mehrnaz - MEHRABANI, Mitra. Synthesis of Gold Nanoparticle from Aqueous Extracts of Hedera helix L., Senna alexandrina Mill., Thymus vulgaris L. and Tribulus terrestris L. and Evaluation of Their In-Vitro Antioxidant and Cytotoxic Effects. In *Nano*, 2024, roč. 19, č. 11.
- [1] (2024) JIA, Shangmei - LI, Ling - YU, Chenghao - PENG, Fu. Natural products' antiangiogenic roles in gynecological cancer. In *Frontiers in Pharmacology*, 2024, roč. 15, č. 5, art. no. 1353056
- [1] (2024) KUMAR, G. Santhana - GARG, Kritika - SONI, Arun - DALAL, Mittal. A Comprehensive Review of Preclinical Models for Polycystic Ovary Syndrome. In *CURRENT DRUG THERAPY*, 2024, roč. 19, č. 4, s. 426-437.
- [1] (2024) LOTFI, Safa - BAGHERI, Reza - SADEGHI, Batoul - RAHMATI MOGHADAM, Parvaneh. Investigation of the Anticholinesterase and Antioxidant Activity of Several Iranian Thymus caramanicus Populations. In *Jundishapur Journal of Natural Pharmaceutical Products*, 2024, roč. 19, č. 4, art. no. e151624
- [1] (2024) MAOCHA, Izamara - ROSADO, Beatriz - LOPES-NUNES, Jéssica - LOPES, Melanie - ROLO, Joana - PIRES, Bruno - GALLARDO, Eugénia - PALMEIRA-DE-OLIVEIRA, Ana - MARTINEZ-DE-OLIVEIRA, José - PALMEIRA DE OLIVEIRA, Rita - MEDEIROS, Rui - CRUZ, Carla. Imiquimod-Loaded Nanosystem for Treatment Human Papillomavirus-Induced Lesions. In *Pharmaceutics*, 2024, roč. 16, č. 7, art. no.864
- [1] (2024) MOHAMMED, Hanaa - KARHIB, Mustafa M. - AL-FAHAD, Karrar Sabah Jaafar - ATEF, Atef Mohamed - ESKANDRANI, Areej - DARWISH, Amira Abd elfattah - SARY, Ahmed Abdallah - ELWAKIL, Bassma H. - BAKR, Basant A. - ELDRIENY, Ahmed M.. Newly synthesized chitosan nanoparticles loaded with caffeine/moringa leaf extracts Halt Her2, BRCA1, and BRCA2 expressions. In *Scientific reports*, 2024, roč. 14, č. 1.
- [1] (2024) PRELJEVIĆ, Kenan - PAŠIĆ, Ivana - VLAOVIĆ, Milorad - MATIĆ, Ivana Z. - KRIVOKAPIĆ, Slađana - PETROVIĆ, Nina - STANOJKOVIĆ, Tatjana - ŽIVKOVIĆ, Vladimir - PEROVIĆ, Svetlana. Comparative analysis of chemical profiles, antioxidant, antibacterial, and anticancer effects of essential oils of two Thymus species from Montenegro. In *Fitoterapia*, 2024, č. 174, art. no. 105871
- [1] (2024) SAHIB ABED, Hatam - ZAREARKI, Parvane - KHOJASTEH, Viana - KARIMI, Ehsan - SHAHROKHABADI, Khadije - RASTEGAR MOGHADDAM POORBAGHER, Mahsa. Inhibition the Growth of Human Ovarian Cancer Cells (A2780) via Cell Proliferation and Angiogenesis by Viola odorata Essential Oil Nanoemulsion. In *Waste and Biomass Valorization*, 2024, roč. 15, č. 4, s. 2417-2426.

- [1] (2025) AHMAD, Sheikh Showkat - CHANDNI, - FOUAD, Dalia - ALREDAH, Islam Abdulrahim - BHAT, Aashaq Hussain - KAUR, Satwinderjeet. Essential oil from *Tragopogon dubius* selectively inhibits breast (MCF-7) and glioblastoma (LN-18) cancer cell proliferation; insights into antioxidant, genoprotective potential, and GCMS, GCGCTOFMS-based profiling. In *Medical Oncology*, 2025, roč. 42, č. 12.
- [1] (2025) AHMED, Hadeel Nabil - KAMEL, Kamel Mahmoud - ELMOTYAM, Amira K. - SHOUKRY, Mouchira Aly - ELHAWARY, Seham Salah El Din. Herbal Phytoconstitutes: Natural Weapon Against Lung Cancer. In *Egyptian journal of chemistry*, 2025, roč. 68, č. 13, s. 255-288.
- [1] (2025) DE OLIVEIRA SANTANA, Weslei - FLORES, Rafael Sartori - ELY, Mariana Roesch - SILVEIRA, Simone - DE OSMARINA PAESI, Suelen - PAULA, Favero Reisdorfer - LAIKOWSKI, Manuela Merlin - KIPPER, Diéssy - LOPES, Tamiris Silva - LUNGE, Vagner Ricardo - STRECK, André Felipe. Antiviral activity of essential oils from four plants against canine parvovirus: In vitro and in silico analyses. In *Journal Journal of Essential Oil Bearing Plants*, 2025, roč. 28, č. 3, s. 551-563.
- [1] (2025) FIRAT, Yagmur Yasar - CICEK, Betul - KARA, Ayca - OZTURK, Nurefsan Konyaligil - ILGUN, Selen. Effects of Thyme, Cumin, and Sumac Extracts on Apoptosis and Paraptosis in Hepatocellular Carcinoma: Synergistic, Antagonistic, or Additive Properties. In *Food science and nutrition*, 2025, roč. 13, č. 4.
- [1] (2025) GAUTAM, Megha - GABRANI, Reema. Deciphering the Effect of Phytocompounds In Vitro and Mechanism Using Bioinformatic Tools in Glioblastoma. In *Proceedings of the National Academy of Sciences India Section B - Biological Sciences*, 2025, roč. 95, č. 2, s. 391-401.
- [1] (2025) HASHIM, Ghya Murad - SHAHGOLZARI, Mehdi - HEFFERON, Kathleen - YAVARI, Afagh - VENKATARAMAN, Srividhya. Plant-Derived Anti-Cancer Therapeutics and Biopharmaceuticals. In *Bioengineering*, 2025, roč. 12, č. 1, art. no. 7
- [1] (2025) ISLAM, Md. Rezaul - RAUF, Abdur - AKASH, Shopnil - FAKIR, Md Naeem Hossain - KHALIL, Md. Ibrahim - THUFA, Gazi Kaifeara - TRISHA, Sadiya Islam - HABIBA, Umme - ALJOHANI, Abdullah S. M. - AL ABDULMONEM, Waleed - IRITI, Marcello. A New Perspective on the Molecular Targets, Mechanisms of Action, and Clinical Significance of Ursolic Acid's Multifaceted Anti-cancer Effects. In *Current Organic Chemistry*, 2025, roč. 29, č. 2, s. 85-96.
- [1] (2025) JARADAT, Nidal - BARKAT, Alaa - KHASATI, Ahmad - ABUALHASAN, Murad. Variations of the chemical components and biological activities of *Thymus capitatus* essential oil from three regions in Palestine. In *Scientific reports*, 2025, roč. 15, č. 1.
- [1] (2025) KATHIRVEL, Kaviranjana - SATHEESHKUMAR, Sasidharan - RAMASUBRAMANI, Karthiyayeni - RAJESH, Arathy - RAGUNATHAN, Ramachandra. IN VITRO EVALUATION OF ANTIMICROBIAL, ANTI-INFLAMMATORY AND CYTOTOXIC PROPERTY AGAINST HEPG2 CELL LINE OF ESSENTIAL OIL EXTRACTED FROM *THYMUS VULGARIS* LEAVES. In *The journal of microbiology, biotechnology and food sciences*, 2025, roč. 14, č. 4.
- [1] (2025) NOMAN, Ahmad Mujtaba - SULTAN, Muhammad Tauseef - ZAFAR, Shehnshah - MAAZ, Muhammad - MAZHAR, Aimen - HUSSAIN, Muzzamal - IMRAN, Muhammad - MUJTABA, Ahmed - HUSSAIN, Muhammad Tajammal - ALSAGABY, Suliman A. - AL ABDULMONEM, Waleed - KHAN, Muhammad Asif - AL JBAWI, Entessar. Thymol and Carvacrol: Molecular Mechanisms, Therapeutic Potential, and Synergy With Conventional Therapies in Cancer Management. In *Food science and nutrition*, 2025, roč. 13, č. 9.
- [1] (2025) PAŠIĆ, Ivana - PRELJEVIĆ, Kenan - VLAOVIĆ, Milorad - PEROVIĆ, Svetlana - KRIVOKAPIĆ, Slađana - PETROVIĆ, Nina - STANOJKOVIĆ, Tatjana - ŽIVKOVIĆ, Vladimir - MATIĆ, Ivana Z.. Essential oil of *Satureja montana* as a multifunctional agent: Insights into antioxidant activity, antibacterial properties, cancer cell cytotoxicity, and cell cycle effects. In *Journal Journal of Essential Oil Bearing Plants*, 2025, roč. 28, č. 5, s. 1139-1160.
- [1] (2026) ABU-SERIE, Marwa M. - EL-FAHAM, Ashraf A. - AHMAD, Ghada M. - HABASHY, Noha H.. Unsaponifiable fraction of black *Vitis vinifera* seed oil attenuates liver cancer progression by targeting apoptosis and key tumor-associated genes: In vitro, in vivo, and in silico studies. In *Scientific reports*, 2026, roč. 16, č. 1, 44404
- [1] (2026) BITGEN, Nazmiye - ONDER, Gozde Ozge - BARAN, Munevver - KARAKUS, Fatma Esen - CARKIT, Sedat - YAY, Arzu Hanim. Enhancing docetaxel efficacy in prostate cancer: the synergistic role of *thymus vulgaris* extract in inducing apoptosis and autophagy. In *Toxicology*

research, 2026, roč. 15, č. 1, art. no. tfag004

[1] (2026) GÖNÜL GEYİK, Öykü - HASOĞLU, İmren - METİN, Ayşe Simay - AKTAR KIREMITCI, Selin. Combined Cytotoxic Effects of Carvacrol-Based Essential Oil Formulations. In *Plants*, 2026, roč. 15, č. 2, 211

[1] (2026) GUO, Weihao - PAUDEL, Keshav Raj - OLIVER, Brian Gregory George - CHANG, Dennis - DUA, Kamal. Plant-derived essential oils in lung cancer: Anticancer mechanisms, experimental progress, and future perspectives. In *Food bioscience*, 2026, roč. 82, art. no. 109367

[1] (2026) MAOZ, Hanan - ELALOUEF, Amir - ROSENFELD, Amit Yaniv. Pharmacological management of lamiaceae plants: Exploring antioxidant, anti-inflammatory, antimicrobial, and anticancer activities. In *South African Journal of Botany*, 2026, roč. 192, s. 89-108.

[1] (2026) SEKSARIA, Kriti - PATIAL, Damini - ANEJA, Aarzoo - ARORA, Pinky - KUMAR, Shubham. Recent Advances in the Chemistry of Herbal Drugs for the Management of Breast Cancer: An Update. In *Natural Products Journal*, 2026, roč. 16, č. 3, e22103155327969

[1] (2026) ZHANG, Man - SONG, Xingwang - FU, Yufeng - MA, Shengtao - ZHAO, Xu - WANG, Fei - JIA, Tao - ZHAO, Xiuhua. A highly efficient extraction of plant essential oils using ball mill-assisted hydrodistillation for antibacterial applications. In *New Journal of Chemistry*, 2026.

[2] (2022) AL-DALLEE, Zainab - KHALAF, Kawther T. - DAWOOD, Yassar A. - RAMADHAN, . Phytochemical analysis of *Portulaca oleracea* L. leaves extract and study the role in protecting genomic human DNA from UV damage. In *Journal of Basrah Researches*, 2022, roč. 48, č. 1, s. 15-29.

MSEP 031296

ADC Erythropoietin receptor induces a paclitaxel resistance phenotype in mammary adenocarcinoma
43 cells / Erika Zsóková ... [et al.].

In: *Oncology Reports*. - ISSN 1021-335X. - Roč. 42, č. 3 (2019), s. 1149-1160. Projekt: Úloha erytropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19 ; Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15 ; Erytropoetínový receptor a jeho úloha v rezistencii nádorovej bunky mliečnej žľazy na paklitaxel - VVGS 2016-72617 ; Medicínsky univerzitný vedecký park v Košiciach (MediPark, Košice - Fáza II.) - MŠVVaŠ SR ITMS 313011D103. CCC; SCOPUS; WOS;

2019 IF=3.417; 2019 SNIP=0.781; 2019 SJR=0.968; 2019 CiteScore=5.9; 2019 Q1(Medicine (miscellaneous)) Scimago; 2019 Q2(Oncology) Scimago; 2019 Q3(Cancer research) Scimago; 2019 Q2(Oncology) JCR

[OV 180];

[ZSÓKOVÁ, Erika (Autor, 50%) - ILKOVIČOVÁ, Lenka (Autor, 10%) - KIMÁKOVÁ, Patrícia (Autor, 10%) - FECKOVÁ, Barbora (Autor, 5%) - SOLÁR, Peter (Autor, 25%)]

Kategórie ohlasov od roku 2022: (4)

[1] (2020) ZHANG, Si Jia - LUO, Yu Min - WANG, Rong Liang. The effects of erythropoietin on neurogenesis after ischemic stroke. In *Journal of integrative neuroscience*, 2020, roč. 19, č. 3, s. 561-570.

[1] (2021) TIAN, Chunyu - XU, Mengze - ZHANG, Hongxu - LIU, Hancheng - LIU, Xinghua - MA, Lihui. LINC00173 mediates albumin paclitaxel resistance in breast cancer cells by regulating β -catenin expression. In *Tropical journal of pharmaceutical research*, 2021, roč. 20, č. 12, s. 2497-2503.

[1] (2022) VIGNJEVIĆ PETRINOVIĆ, Sanja - JAUKOVIC, Aleksandra - MILOŠEVIĆ, Maja - BUGARSKI, Diana - BUDEČ, Mirela. Targeting Stress Erythropoiesis Pathways in Cancer. In *Frontiers in physiology*, 2022, roč. 13, č. 220426, art. no. 844042

[1] (2024) SANCHEZ, Yamila - CALLEJAS, Mariana Abigail Vasquez - MIRET, Noelia Victoria - ROLANDELLI, Gabino - COSTAS, Catalina - RANDI, Andrea Silvana - ESPAÑOL, Alejandro. Hexachlorobenzene as a differential modulator of the conventional and metronomic chemotherapy response in triple negative breast cancer cells. In *Exploration of Targeted Anti-tumor Therapy*, 2024, roč. 5, č. 2, s. 278-295.

SSEP 020474

ADC Metformin and melatonin improve histopathological outcome of NMU-induced mammary tumors
44 in rats / Bianka Bojková ... [et al.].

In: Pathology - Research and Practice : official journal of the European Society of Pathology. - ISSN 0344-0338. - Roč. 215, č. 4 (2019), s. 722-729. Projekt: Vplyv podávania metformínu, pioglitazónu a melatonínu v mamárnej karcinogéné in vivo - VEGA 1/0153/13 ; Fytochemikálie v prevencii mamárnej karcinogéné u samíc potkanov - VEGA 1/0071/13.

10.1016/j.prp.2019.01.007 DOI;DOI; CCC; SCOPUS; WOS;

2019 IF=2.050; 2019 SNIP=0.663; 2019 SJR=0.580; 2019 CiteScore=2.6; 2019 Q2(Pathology and forensic medicine) Scimago; 2019 Q3(Cell biology) Scimago; 2019 Q3(Pathology) JCR [OV 130, 180];

[BOJKOVÁ, Bianka (Autor, 45%) - KAJO, Karol (Autor, 20%) - KUBATKA, Peter (Autor, 20%) - SOLÁR, Peter (Autor, 5%) - PÉČ, Martin (Autor, 5%) - ADAMKOV, Marian (Autor, 5%)]

Kategórie ohlasov do roku 2021: (1)

[1] (2019) ROSHAN, Mohsin H. K. - SHING, Yan K. - PACE, Nikolai P.. Metformin as an adjuvant in breast cancer treatment. In Sage open medicine, 2019, roč. 7, č. 190112.

Kategórie ohlasov od roku 2022: (4)

[1] (2022) ALHASSAN, Solomon Oguche - ABDULRAZAQ, Yusuf - ODEH, Emmanuel Ochai - ATAWODI, Sunday Ene Ojo. Crassocephalum rubens (Juss Ex Jacq) leaf diets ameliorate systemic oxidative stress and tissue damage in a Wistar rat model. In Journal of Food Biochemistry, 2022, roč. 46, č. 12, art. no. e14491

[1] (2022) GOLUBNITSCHAJA, O. et al. Systemic Effects Reflected in Specific Biomarker Patterns Are Instrumental for the Paradigm Change in Prostate Cancer Management: A Strategic Paper. In Cancers, 2022, roč. 14, č. 3, art. no. 675.

[1] (2022) KURHALUK, Natalia - TKACHENKO, Halyna. Effects of melatonin and metformin in preventing lysosome-induced autophagy and oxidative stress in rat models of carcinogenesis and the impact of high-fat diet. In Scientific reports, 2022, roč. 12, č. 1, art. no. 4998

[1] (2024) SARATHI, R. - SARUMATHY, S. - MAVALAVAN, v. m.Durai. EVOLUTION OF METFORMIN IN BREAST CANCER THERAPY IN LAST TWO DECADES: A REVIEW. In Eksperimental'naja onkologija, 2024, roč. 46, č. 3, s. 185-191.

SSEP 020420

ADC 45 Chemopreventive and Therapeutic Efficacy of Cinnamomum zeylanicum L. Bark in Experimental Breast Carcinoma: Mechanistic In Vivo and In Vitro Analyses [elektronický zdroj] / Peter Kubatka ... [et al.].

In: Molecules. - ISSN 1420-3049. - Roč. 25, č. 6 (2020), art. no. 1399, s. [1-32], online. - Spôsob prístupu: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85082043391&origin=resultslist>.

Projekt: Hodnotenie antineoplastických účinkov rastlinných funkčných potravín v mamárnej karcinogéné - VEGA 1/0136/19 ; Sekundárne metabolity lišajníkov: sľubné modulátory nádorového mikroprostredia VEGA 1/0653/19 ; Vplyv prírodných látok na nádorové mikroprostredie - VEGA 1/0753/17 ; Úloha mikroRNA v karcinóme prsníka: biologický význam, ciele molekuly a signálne dráhy - APVV APVV-16-0021 ; Bunkové interakcie v nádorovom mikroprostredí a ich farmakologické ovplyvnenie - APVV APVV-16-0446 ; Medicínsky univerzitný park v Košiciach . Medipark II. fáza - OPVaV ITMS2014+: 313011D103 ; Centrum excelentnosti pre výskum v personalizovanej terapii - ITMS ITMS 26220120053 ; National Priorities Research Program (NPRP) NPRP 11S-1214-170101. 10.3390/molecules25061399 DOI;DOI; CCC; SCOPUS; WOS;

2020 IF=4,412; 2020 SNIP=1.249; 2020 SJR=0.782; 2020 CiteScore=4.7; 2020 AIS=0.694; 2020 Q2(Biochemistry & molecular biology) JCR; 2020 Q2(Chemistry, multidisciplinary) JCR; 2020 Q1(Chemistry (miscellaneous)) Scimago; 2020 Q1(Pharmaceutical science) Scimago; 2020 Q2(Analytical chemistry) Scimago; 2020 Q2(Drug discovery) Scimago; 2020 Q2(Medicine (miscellaneous)) Scimago; 2020 Q2(Organic chemistry) Scimago; 2020 Q2(Physical and theoretical chemistry) Scimago; 2020 Q3(Molecular medicine) Scimago; 2020 Q2(Chemistry, multidisciplinary) AIS; 2020 Q3(Biochemistry & molecular biology) AIS [OV 180];

[KUBATKA, Peter (Korešpondenčný autor, 25%) - KELLO, Martin (Autor, 10%) - KAJO, Karol (Autor, 5%) - SAMEC, Marek (Autor, 5%) - JAŠEK, Karin (Autor, 5%) - VÝBOHOVÁ, Desanka (Autor, 3%) - URAMOVÁ, Soňa (Autor, 5%) - MAZURÁKOVÁ, Alena (Autor, 3%) - SADLOŇOVÁ, Vladimíra (Autor, 5%) - LACKOVÁ, Lenka (Autor, 2%) - MURÍN, Radovan

(Autor, 2%) - ADAMKOV, Marian (Autor, 5%) - ŠMEJKAL, Karel (Autor, 2%) - ŠVAJDLENKA, Emil (Autor, 2%) - SOLÁR, Peter (Autor, 2%) - SAMUEL, Samson Mathews (Autor, 2%) - KASSAYOVÁ, Monika (Autor, 2%) - KWON, Taeg Kyu (Autor, 2%) - ŽÚBOR, Pavol (Autor, 2%) - PÉČ, Martin (Autor, 2%) - DANKO, Ján (Autor, 2%) - BÜSSELBERG, Dietrich (Korešpondenčný autor, 2%) - MOJŽIŠ, Ján (Korešpondenčný autor, 5%)]

Kategórie ohlasov do roku 2021: (8)

[1] (2020) ASHRAFIZADEH, Milad - ZARRABI, Ali - HASHEMIPOUR, Maryam - VOSOUGH, Massoud - NAJAFI, Masoud - SHAHINOZZAMAN, Md - HUSHMANDI, Kiavash - KHAN, Haroon - MIRZAEI, Hamed. Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. In *Pharmacological research*, 2020, č. 160, č. článku 105199

[1] (2020) GONG, Xubo - WANG, Baiyong - YAN, Lijuan - LU, Xiaoya - ZHAO, Xiaoying. Linalool inhibits the growth of human T cell acute lymphoblastic leukemia cells with involvement of the MAPK signaling pathway. In *Oncology Letters*, 2020, roč. 20, č. 5.

[1] (2020) NIRMALA, M. Joyce - DURAI, Latha - GOPAKUMAR, Vineet - NAGARAJAN, Ramamurthy. Preparation of celery essential oil-based nanoemulsion by ultrasonication and evaluation of its potential anticancer and antibacterial activity. In *International Journal of Nanomedicine*, 2020, roč. 15, s. 7651-7666.

[1] (2020) PRATIWI, Risha Amilia - NURLAENI, Yati. Screening of plant collection of cibodas botanic gardens, indonesia with anticancer properties. In *Biodiversitas*, 2020, roč. 21, č. 11, s. 5186-5229.

[1] (2021) LUGO-FLORES, Marco A. - QUINTERO-CABELLO, Karen P. - PALAFOX-RIVERA, Patricia - SILVA-ESPINOZA, Brenda A. - CRUZ-VALENZUELA, Manuel Reynaldo - ORTEGA-RAMIREZ, Luis Alberto - GONZALEZ-AGUILAR, Gustavo Adolfo - AYALA-ZAVALA, Jesus Fernando. Plant-derived substances with antibacterial, antioxidant, and flavoring potential to formulate oral health care products. In *Biomedicines*, 2021, roč. 9, č. 11.

[1] (2021) NEGREIROS, Helber A. - DE MOURA, Kariely Gonçalves - DO NASCIMENTO, Maria L.L.Barreto - RODRIGUES, Débora Caroline Do Nascimento - FERREIR, Paulo M.P. - BRAZ, Débora C. - DE FARIAS, Marlene Gomes - CORRÊIA, Layde de Sousa - PEREIR, Ana R.S. - SANTOS, Lubna K.B. - GONÇALVES, Juan C.R. - MENDES, Anderson N. - DA SILVA, Felipe C.Carneiro - CAVALCANT, Ana A.C.M. - E SOUSA, João Marcelo de Castro. Alpha-terpineol as antitumor candidate in pre-clinical studies. In *Anti-cancer agents in medicinal chemistry*, 2021, roč. 21, č. 15, s. 2023-2031.

[1] (2021) SRIVASTAVA, Shraddha - SINGH, Samipta - SARAF, Shubhini A. - CHOURASIA, Manish K. - MATHEW, Jose - PANDEY, Avinash C.. Encapsulation of Baicalein in Cinnamon Essential Oil Nanoemulsion for Enhanced Anticancer Efficacy Against MDA-MB-231 Cells. In *BioNanoScience*, 2021, roč. 11, č. 4, s. 1049-1060.

[3] (2020) BACUR, Laura - POPOVICI, Violeta - BADEA, Victoria. Comparative Study Between Antioxidant Activity and Antibacterial Effect of *Usnea barbata* (L.) F.H.Wigg Extracts and Volatile Oils marked in Romania. In *Ovidius University Annals of Constanta - Series Civil Engineering*, 2020, roč. 20, č. 2, s. 246-251.

Kategórie ohlasov od roku 2022: (53)

[1] (2021) LIU, Yu Fei - AN, Tian - YU, Hong - WAN, Dong Gui - FAN, Ying Yi - PEI, Xiao Hua. Pharmacological Mechanism of Wumeiwan in Treating Lung Metastasis of Breast Cancer. In *Chinese Journal of Experimental Traditional Medical Formulae*, 2021, roč. 27, č. 9, s. 193-201.

[1] (2022) AL TBAKHI, Bayan - NSAIRAT, Hamdi - ALSHAER, Walhan - AL-KADASH, Abdulfattah - HELAL, Wissam - ALRAWASHDEH, Lubna - DAY, Anthony - ASSAF, Khaleel I. - HASSOUNEH, Rola - ODEH, Fadwa - AL BAWAB, Abeer. Cinnamaldehyde-cucurbituril complex : investigation of loading efficiency and its role in enhancing cinnamaldehyde in vitro anti-tumor activity. In *RSC advances*, 2022, roč. 12, č. 12, s. 7540-7549.

[1] (2022) ARISHA, Samah M. - SAIF, Mona E. - KANDIL, Eman H.. Histological, ultrastructural and immunohistochemical studies on the ameliorative role of Cinnamon zeylanicum against high cholesterol diet-induced hypercholesterolemia in the kidney of adult male albino rats. In *Heliyon*, 2022, roč. 8, č. 8, art. no. e10401

[1] (2022) EL-FAKHARANY, Esmail M. - ASHRY, Mahmoud - ABD-ELALEEM, Abd Elaleem H. - ROMEIH, Mahmoud H. - MORSY, Fatma Adly - SHABAN, Reem A. - ABDEL-WAHHAB, Khaled G.. Therapeutic efficacy of Nano-formulation of lactoperoxidase and lactoferrin via

- promoting immunomodulatory and apoptotic effects. In *International Journal of Biological Macromolecules*, 2022, roč. 220, s. 43-55.
- [1] (2022) GUNEIDY, Rasha Awni - ZAKI, Eman Ragab - GAD, Abdul Aziz Mohamed - SALEH, Nevein Salah El Din - SHOKEER, Abeer. Evaluation of Phenolic Content Diversity along with Antioxidant/Pro-Oxidant, Glutathione Transferase Inhibition, and Cytotoxic Potential of Selected Commonly Used Plants. In *Preventive Nutrition and Food Science*, 2022, roč. 27, č. 3, s. 282-298.
- [1] (2022) JOSHI, Bhuwan C. - JUYAL, Vijay - SAH, Archana N. - VERMA, Piyush - MUKHIJA, Minky. Review on Documented Medicinal Plants used for the Treatment of Cancer. In *Current traditional medicine*, 2022, roč. 8, č. 2, s. 2-158, art. no. e111021197159
- [1] (2022) PADHY, Ipsa - PAUL, Paramita - SHARMA, Tripti - BANERJEE, Sabyasachi - MONDAL, Arijit. Molecular Mechanisms of Action of Eugenol in Cancer : Recent Trends and Advancement. In *Life*, 2022, roč. 12, č. 11, art. no. 1795
- [1] (2022) ROY, Souvik - MONDRU, Anil Kumar - CHAKRABORTY, Tania - DAS, Abhijit - DASGUPTA, Sandipan. Apple polyphenol phloretin complexed with ruthenium is capable of reprogramming the breast cancer microenvironment through modulation of PI3K/Akt/mTOR/VEGF pathways. In *Toxicology and Applied Pharmacology*, 2022, roč. 434, art. no. 115822
- [1] (2022) SCHUSTER, Caroline - WOLPERT, Nicholas - MOUSTAID-MOUSSA, Naima - GOLLAHOM, Lauren S.. Combinatorial Effects of the Natural Products Arctigenin, Chlorogenic Acid, and Cinnamaldehyde Commit Oxidation Assassination on Breast Cancer Cells. In *Antioxidants*, 2022, roč. 11, č. 3, art. no. 591
- [1] (2022) SHEHATA, Nagwa Ibrahim - ABO ZEID, Seham Mohammed - ABD EL AZIZ, Samy A. - ABDELGAWAD, Hanan Muhammad. Mitigation of streptozotocin-induced alterations by natural agents via upregulation of PDX1 and Ins1 genes in male rats. In *Journal of Food Biochemistry*, 2022.
- [1] (2022) SHEN, Junkai - LI, Jiahuan - YU, Peiming - DU, Gangjun. Research Status and Hotspots of Anticancer Natural Products Based on the Patent Literature and Scientific Articles. In *Frontiers in Pharmacology*, 2022, č. 13, art. no. 903239
- [1] (2022) YAN, Jing - SAKAMOTO, Takumi - ISLAM, Ariful - PING, Yashuang - OYAMA, Soho - FUCHINO, Hiroyuki - KAWAKAMI, Hitomi - YOSHIMATSU, Kayo - KAHYO, Tomoaki - SETOU, Mitsutoshi. Cinnamomum verum J. Presl Bark Contains High Contents of Nicotinamide Mononucleotide. In *Molecules*, 2022, roč. 27, č. 20, art. no. 7054
- [1] (2022) YUAN, Meng - ZHANG GUOQING, - BAI, Weijun - HAN, Xin - LI, Chan - BIAN, Siman. The Role of Bioactive Compounds in Natural Products Extracted from Plants in Cancer Treatment and Their Mechanisms Related to Anticancer Effects. In *Oxidative Medicine and Cellular Longevity*, 2022, 1429869
- [1] (2023) BODDUPALLI, Bindu Madhavi - RAMANI, Ramalingam - MUNG'OMA, Michael - MURAGA, Margaret - ANISETTI, Ravinder Nath - NEMALA, Appalaraju. Common Edible Essential oils with strong potential against Breast Cancer and their Mechanisms. In *Research Journal of Pharmacy and Technology*, 2023, roč. 16, č. 1, s. 477-480.
- [1] (2023) DING, Yan - HOU, Ruilin - YU, Jianqiang - XING, Chengguo - ZHUANG, Chunlin - QU, Zhuo. Dietary Phytochemicals as Potential Chemopreventive Agents against Tobacco-Induced Lung Carcinogenesis. In *Nutrients*, 2023, roč. 15, č. 3, art. no. 491
- [1] (2023) GIRI, Nitai Charan - PATRO, Bhanja Prasad - VERMA, Vishal. Anti-cancer activities of natural products. In *Natural Products as Cancer Therapeutics*. Hershey : IGI Global, 2023. ISBN 9798369307052, S. 56-105.
- [1] (2023) MIRELES-ELIZALDE, Paola - MARTÍNEZ-FLORES, Ricardo - ZUGASTI-CRUZ, Alejandro - SALINAS-SANTANDER, Mauricio - CEPEDA-NIETO, Ana Cecilia - VERA-REYES, Ileana - RODRÍGUEZ-HERRERA, Raúl - DEL ÁNGEL-MARÍNEZ, Mayela - MORLETT-CHAVEZ, Antonio. Polyphenol-mediated epigenetic regulation of human cancer breast. In *Studies in Natural Products Chemistry*. Amsterdam : Elsevier, 2023. S. 149-172.
- [1] (2023) MOTAWEA, Shaimaa - YOUSSEF, Samia - ABDEL-ALEEM, Ghada - MOHAMED, Maysa - MOSTAFA, Said. Effect of Amygdalin (Vitamin B17) on Induced Mammary Tumor in young Virgin Female Albino Rats : Histological and Morphometric Study. In *The Egyptian journal of histology*, 2023, roč. 46, č. 2, s. 918-928.
- [1] (2023) SANGAL, Aditi - RATTAN, Sunita - RAJ MAURYA, Muni - SADASIVUNI, Kaishor,

- Kumar. Novel formulation for co-delivery of cinnamon- and cumin-loaded polymeric nanoparticles to enhance their oral bioavailability. In 3 Biotech, 2023, roč. 13, č. 12, art. no. 63
- [1] (2023) SINGH, Bharat. Ethnopharmacological Properties, Biological Activity and Phytochemical Attributes of Medicinal Plants, Volume 3. In Ethnopharmacological Properties, Biological Activity and Phytochemical Attributes of Medicinal Plants, Volume 3. Boca Raton : Routledge, 2023. ISBN 9781000964813, S. 1-318.
- [1] (2024) DE SILVA, Nayomi Deshani - WASANA, Keddagoda Gamage Piyumi - ATTANAYAKE, Anoja Priyadarshani. Cinnamon Bark (*Cinnamomum* species). In Medicinal Spice and Condiment Crops. Londýn : Taylor & Francis Group, 2024. ISBN 9781040005170, S. 180-199.
- [1] (2024) GHEORGHE-IRIMIA, Raluca Aniela - TĂPĂLOAGĂ, Dana - TĂPĂLOAGĂ, Paul Rodian - GHIMPEȚEANU, Oana Mărgărita - TUDOR, Laurențiu - MILITARU, Manuella. Spicing Up Meat Preservation: *Cinnamomum zeylanicum* Essential Oil in Meat-Based Functional Foods—A Five-Year Review. In Foods, 2024, roč. 13, č. 16, art. no. 2479
- [1] (2024) HAN, Ruxia - LI, Xueying - GAO, Xinfu - LV, Guangyao. Cinnamaldehyde: Pharmacokinetics, anticancer properties and therapeutic potential (Review). In Molecular Medicine Reports, 2024, roč. 30, č. 3, art. no. 163
- [1] (2024) KHEDKAR, Shubrata - KHAN, Minhaj Ahmad. An in vitro study elucidating the synergistic effects of aqueous cinnamon extract and an anti-TNF- α biotherapeutic: implications for a complementary and alternative therapy for non-responders. In BMC complementary medicine and therapies, 2024, roč. 24, č. 1, art. no. 131
- [1] (2024) LUBAU, Natasha Sura Anak - CHENGEBROYEN, Neevashini - SUBRAMANIYAN, Vetriselvan. Investigation of Uncovering Molecular Mechanisms of Alcohol-Induced Female Infertility-A Rational Approach. In Reproductive sciences, 2024, roč. 31, č. 12, s. 3660-3672.
- [1] (2024) SARWAR, Muhammad Farhan - ZAHRA, Afnan - AWAN, Mudassar Fareed - ALI, Sajed - SHAFIQ, Muhammad - MUZAMMIL, Khursheed. Assessing the efficacy of cinnamon compounds against *H. pylori* through molecular docking, MD Simulations and ADMET analyses. In PLoS One, 2024, roč. 19, č. 447156, art. no. e0299378
- [1] (2024) SRINIVASAN, Mythili - CHANDANE, Ashwini Y. - TAGALPALLEWAR, Amol A. - PAWAR, Anil T. - NIMBALKAR, Manasi - NIMBALKAR, Ranjit - BAHETI, Akshay M.. Kerala's anticancer flora: A comprehensive review. In Journal of applied pharmaceutical science, 2024, roč. 14, č. 9, s. 18-45.
- [1] (2024) SU, Yung Shun - CHENG, Ming Jen - KWAN, Aij Lie - HUANG, Shu Ping - TYAN, Yu Chang - CHAI, Chee Yin - HUANG, Bin. The crude extract obtained from *Cinnamomum macrostemon* Hayata regulates oxidative stress and mitophagy in keratinocytes. In Bioscience, Biotechnology and Biochemistry, 2024, roč. 88, č. 5, s. 529-537.
- [1] (2024) TAYEB, Bizhar Ahmed - KUSUMA, Ikhwan Yuda - OSMAN, Alaa A.M. - MINORICS, Renáta. Herbal compounds as promising therapeutic agents in precision medicine strategies for cancer: A systematic review. In Journal of Integrative Medicine, 2024, roč. 22, č. 2, s. 137-162.
- [1] (2024) THALAPPIL, Muhammed Ashiq - SINGH, Priya - CARCERERI DE PRATI, Alessandra - SAHOO, Sanjeeb Kumar - MARIOTTO, Sofia - BUTTURINI, Elena. Essential oils and their nanoformulations for breast cancer therapy. In Phytotherapy Research, 2024, roč. 38, č. 2, s. 556-591.
- [1] (2024) TSOTA, Maria - GIARDOGLOU, Panagiota - MENTSIU-NIKOLAOU, Evangelia - SYMIANAKIS, Panagiotis - KALAFATI, Ioanna Panagiota - KYRIAZOPOULOU-KOROVESI, Anastasia Areti - ANGELIDAKIS, Lasthenis - PAPAIOANNOU, Maria - KONSTANTAKI, Christina - STAMATELOPOULOS, Kimon - DEDOUSSIS, George V.. Investigation of Antihypertensive Properties of Chios Mastic via Monitoring microRNA-21 Expression Levels in the Plasma of Well-Controlled Hypertensive Patients. In Non-coding RNA, 2024, roč. 10, č. 3, art. no. 33
- [1] (2025) AHAMAD, Javed. GC-MS Profile And Chemoprotective Effect Of *Cinnamomum Zeylanicum* Bark Essential Oil Against Triple-Negative Breast Cancer Cell Line MDA-MB-231. In Applied biological research, 2025, roč. 27, č. 4, s. 515-521.
- [1] (2025) AHMED, Hadeel Nabil - KAMEL, Kamel Mahmoud - ELMOTYAM, Amira K. - SHOUKRY, Mouchira Aly - ELHAWARY, Seham Salah El Din. Herbal Phytoconstitutes: Natural Weapon Against Lung Cancer. In Egyptian journal of chemistry, 2025, roč. 68, č. 13, s. 255-288.

- [1] (2025) BIGGS, Mary A. - BANERJEE, Ipsita A.. Targeting Breast and Gynecologic Cancers: The Role of Natural Products with Emphasis on Cinnamon and Its Derivatives—Advances in Nanoscale Therapeutics and Adjuvant Strategies. In *Macromol*, 2025, roč. 5, č. 1.
- [1] (2025) HAPUARACHCHI, Swarna - SILVA, Dinithi - MADHUSHIKA, Chamali - KODITHUWAKKU, Nandani D.. Assessment of standardization and quality control parameters of a new formulation of Trijata; An Ayurveda formula. In *Indian Journal of Traditional Knowledge*, 2025, roč. 24, č. 1, s. 7-15.
- [1] (2025) JEONG, Sunyoung - DOO, Miae - SUNG, Kihun - KIM, Young Jun - LEE, Jong Hwa - HA, Jung Heun. Aruncus Dioicus Var. Kamtschaticus Extract Prevents Ocular Endoplasmic Reticulum Stress, Inflammation, and Oxidative Stress In Vitro. In *Journal of Medicinal Food*, 2025, roč. 28, č. 3, s. 281-293.
- [1] (2025) KARTHIKA, Chenmala - SURESHKUMAR, Raman - ALSULAMI, Fahad T. - KHASANAH, Uswatun - RAHMAN, Md Habibur - ALANZI, Abdullah R. - ALSHEHRI, Dekhnah - SHAH, Muhammad Ajmal. 12 Genetic Effect of Phytonutrients in Breast Cancer. In *Phytonutrients in the Treatment of Breast Cancer*. Londýn : Taylor & Francis Group, 2025. ISBN 9780367651657, S. 191-216.
- [1] (2025) KUMAR, Rajesh - SHIVAKUMAR, Srividya. Harnessing apigenin for breast cancer treatment: Current insights. In *Human Gene*, 2025, roč. 45.
- [1] (2025) MOHANTY, Debajani - PADHEE, Sucheemita - PRIYADARSHINI, Arpita - KERRY, Rout George - DASH, Biswabhusan - SAHOO, Ambika - JENA, Sudipta - PANDA, Pratap Chandra - KHAN, Haseeb Ahmad - NAYAK, Sanghamitra - RAY, Asit. Integrative approach to decipher pharmacological mechanism of Cinnamomum zeylanicum essential oil in prostate cancer. In *Medical Oncology*, 2025, roč. 42, č. 4.
- [1] (2025) PATEL, Isha - ANAND, Asha. From tradition to therapy: Medicinal plants as cancer drug repositories. In *Medicinal plants*, 2025, roč. 17, č. 1, s. 19-33.
- [1] (2025) QUINTERO-RINCON, Patricia - CABALLERO-GALLARDO, Karina - OLIVERO-VERBEL, Jesus. Natural anticancer agents: prospection of medicinal and aromatic plants in modern chemoprevention and chemotherapy. In *Natural Products and Bioprospecting*, 2025, roč. 15, č. 1, art. no. 25
- [1] (2025) SHARMA, Gulshan - PANWAR, Rohil - SAINI, Sanskriti - TULI, Hardeep Singh - WADHWA, Karan - PAHWA, Rakesh. Emerging phytochemical-based nanocarriers: redefining the perspectives of breast cancer therapy. In *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2025.
- [1] (2025) SHI, Yang - HE, Huifu - ZHANG, Huayue - YUAN, Tian - ZHANG, Zhenya - DESILVA, Ranil - ISHIDA, Yoshiyuki - TERAOKA, Keiji - KAUL, Sunil C. - WADHWA, Renu. γ Cyclodextrin-assisted Aqueous Extract of Cinnamon for Cancer and Stress Management. In *Current Topics in Medicinal Chemistry*, 2025, roč. 25, č. 17, s. 2086-2099.
- [1] (2025) ZAHARESCU, Traian - CRĂCIUN, Aurora - MIREA, Radu. Controlled degradation of EPR by natural antioxidant/POSS couples for packaging materials. In *Radiation Physics and Chemistry*, 2025, č. 228.
- [1] (2025) ŽIVKOVIĆ, Milja - STANISAVLJEVIĆ, Isidora - GAJOVIĆ, Nevena - PAVLOVIĆ, Slađana - SIMOVIĆ MARKOVIĆ, Bojana - JOVANOVIĆ, Ivan P. - CUPARA, Snežana - TADIĆ, Vanja - ŽUGIĆ, Ana - MILENKOVIĆ, Marina T. - BARJAKTAREVIĆ, Ana. Comprehensive Phytochemical Analysis and Evaluation of Antioxidant, Antimicrobial, Cytotoxic, and Immunomodulatory Activities of Commercial Cinnamon Bark Essential Oil (Cinnamomum zeylanicum L.). In *International journal of molecular sciences*, 2025, roč. 26, č. 13.
- [1] (2026) AGOSTINI, Livia da Cunha - TEIXEIRA, Mariane Ster da Silva - DA SILVA, Glenda Nicioli. Seventy years Regulation of long non-coding RNAs by essential oils: Therapeutic implications in human diseases. In *Genetics and molecular biology*, 2026, roč. 49.
- [1] (2026) CULAS, Sheba M. - KAUR, Lovedeep - POPOVICH, David G. - RASHIDINEJAD, Ali. Physicochemical Properties, Colloidal Stability, and Encapsulation Efficiency of Lecithin-Based and Chitosan-Coated Liposomes Loaded with Cinnamomum zeylanicum Bioactives. In *Applied sciences*, 2026, roč. 16, č. 8, art. no. 3754
- [1] (2026) MORIASI, Gervason - KAMAU, Sally - SEITIMOVA, Gulnaz - ZHUMAGALIYEVA, Shynar - SHARIFI-RAD, Javad - SETZER, William N. - CALINA, Daniela. Cinnamaldehyde From Cinnamon as a Food-Derived Bioactive: Phytochemistry, Anticancer Mechanisms, Bioavailability, Nanoformulation and Safety. In *Food Frontiers* [online] 2026, roč. 7, č. 5, art. no.

e70345 . Dostupné na internete <<https://iads.onlinelibrary.wiley.com/doi/10.1002/fft.70345>>

[1] (2026) PINA-CRUZ, R. - ARANDA-ZUNO, E. A. - JAVE-SUAREZ, L. F. - AGUILAR-LEMARROY, A.. Anticancer potential of Cinnamon essential oil against HPV-Positive and HPV-Negative cervical cancer cells: differential antiproliferative, proapoptotic, and senescence-inducing effects. In *Planta Medica*, 2026, roč. 92, č. 3, P394

[1] (2026) WANG, Kai - WU, Zuokun - LU, Bingbing - TAO, Xuanlin - CHEN, Peng - LU, Tao - GAO, Manjun - ZHANG, Hang - SONG, Yongxiang - KE, Xixian. Targeting HDAC2 with bruceine D epigenetically restores SMAD3 expression via H4K16ac enrichment to suppress malignant progression in EGFR-TKI-resistant lung adenocarcinoma. In *Journal of Ethnopharmacology*, 2026, roč. 371, art. no. 122109

[1] (2026) WANG, Mengxiao - LIANG, Junyi - ZHU, Xinping - XING, Yushuang - CHANG, Shijun - JIA, Di - ZHAO, Weiming. Natural Plant Bioactives as Regulators of Histone Modifications: Bridging Epigenetics and Anticancer Therapy. In *Phytotherapy Research*, 2026, roč. 40, č. 8, s. 5208-5254.

[2] (2022) AL-NASIRY, Ban Sahib Abdul-Nabi. Pathological Chances of Salmonella Typhimurium and Treatments with some Extracts of Cinnomomum Zeylanicum and Comparing With Chloramphenicol in Mice. In *Biochemical and cellular archives*, 2022, roč. 22, č. 2, s. 3719-3725.

[2] (2023) MAUED, Abeer Z. F. - EL-TOHAMY, Amira - ASHRY, Mahmoud. Anti-Tumor Effects of Dendronephthya putteri Ethanolic Extract in DMBA-Induced Breast Cancer in Adult Female Rats. In *Egyptian journal of hospital medicine*, 2023, roč. 93, č. 1, s. 7153-7158.

MSEP 032282

ADC GPx8 Expression in Rat Oocytes, Embryos, and Female Genital Organs During Preimplantation
46 Period of Pregnancy / Jozef Mihalik ... [et al.].

In: *International journal of molecular sciences*. - ISSN 1661-6596. - Roč. 21, č. 17 (2020), E6313, s. 1-16. Projekt: Vplyv podávania entacapone na antioxidačný status a reprodukčné parametre samcov potkana - VEGA 1/0173/19 ; Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19 ; Etiológia porúch skorého preimplantačného vývinu - APVV APVV-18-0389.

10.3390/ijms21176313 DOI;DOI; SCOPUS; CCC; WOS;

2020 IF=5,924; 2020 SNIP=1,441; 2020 SJR=1,455; 2020 CiteScore=6,00; 2020 AIS=1.123;

2020 Q1(Biochemistry & molecular biology) JCR; 2020 Q2(Chemistry, multidisciplinary) JCR;

2020 Q1(Computer science applications) Scimago; 2020 Q1(Inorganic chemistry) Scimago; 2020

Q1(Medicine (miscellaneous)) Scimago; 2020 Q1(Organic chemistry) Scimago; 2020 Q1(Physical

and theoretical chemistry) Scimago; 2020 Q1(Spectroscopy) Scimago; 2020 Q2(Catalysis)

Scimago; 2020 Q2(Molecular biology) Scimago; 2020 Q2(Chemistry, multidisciplinary) AIS; 2020

Q2(Biochemistry & molecular biology) AIS

[OV 180];

[MIHALIK, Jozef (Autor, 24%) - KREHEĽOVÁ, Andrea (Autor, 15%) - KOVAŘÍKOVÁ, Veronika (Autor, 13%) - SOLÁR, Peter (Autor, 13%) - DOMORÁKOVÁ, Iveta (Autor, 13%) - PAVLIUK-KARACHEVTSEVA, Andriana (Autor, 1%) - HLADOVÁ, Alena (Autor, 1%) - RYBÁROVÁ, Silvia (Autor, 10%) - HODOROVÁ, Ingrid (Korešpondenčný autor, 10%)]

Kategórie ohlasov od roku 2022: (5)

[1] (2022) DING, Lang - XIA, Li Ping - SHEN, Bin - ZHANG, Jian She. Molecular Cloning, Expression and Enzymatic Activity Analyses of GPx7 and GPx8 from Chinese Black Sleeper (*Bostyrchus sinensis*). In *Oceanologia et limnologia sinica*, 2022, roč. 53, č. 3, s. 697-709.

[1] (2022) LI, Sibao - JIANG, Xudong - GUAN, Meicun - ZHANG, Yi - CAO, Yanfei - ZHANG, Lina. The overexpression of GPX8 is correlated with poor prognosis in GBM patients. In *Frontiers in genetics*, 2022, roč. 13.

[1] (2024) HAQUE, Md Azizul - LEE, Yun Mi - HA, Jae Jung - JIN, Shil - PARK, Byoung-ho - KIM, Nam Young - WON, Jeong Il - KIM, Jong Joo. Genome-wide association study identifies genomic regions associated with key reproductive traits in Korean Hanwoo cows. In *BMC Genomics*, 2024, roč. 25, č. 1.

[1] (2024) ORTEGA-JAEN, David - MORA-MARTINEZ, Carlos - CAPALBO, Antonio - MIFSUD, Amparo - BOLUDA-NAVARRO, Mireia - MERCADER, Amparo - MARTIN, Angel - PARDINAS, Maria Luisa - GIL, Julia - DE LOS SANTOS, Maria Jose. A pilot study of transcriptomic preimplantation genetic testing (PGT-T): towards a new step in embryo selection?.

In Human Reproduction, 2024, roč. 40, č. 2.

[1] (2025) DIVVELA, Satya Srirama Karthik - GALLORINI, Marialucia - GELLISCH, Morris - PATEL, Gaurav Deepak - SASO, Luciano - BRAND-SABERI, Beate. Navigating redox imbalance: the role of oxidative stress in embryonic development and long-term health outcomes. In Frontiers in cell and developmental biology, 2025, roč. 13, art. no. 1521336

MSEP 032612

- ADC Apoptotic effect of homobrassinin and thiazino[6,5-b]indol is associated with downregulation of
47 heat shock proteins in human ovarian adenocarcinoma cells / Zuzana Solárová, Martin Kello, Peter Solár.

In: Acta Chimica Slovenica. - ISSN 1318-0207. - Roč. 68, č. 1 (2021), s. 151-158. Projekt: Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19. 10.17344/acsi.2020.6281 DOI;DOI; CCC; SCOPUS; WOS;

2021 CiteScore=2,5; **2021 IF=1.524**; 2021 SJR=0,291; 2021 SNIP=0,532; 2021 AIS=0.169; 2021 **Q4(Chemistry, multidisciplinary) JCR**; 2021 Q3(Chemistry (miscellaneous)) Scimago; 2021 Q4(Chemistry, multidisciplinary) AIS

[OV 180];

[SOLÁROVÁ, Zuzana (Autor, 75%) - KELLO, Martin (Autor, 10%) - **SOLÁR, Peter (Korešpondenčný autor, 15%)]**

Kategórie ohlasov od roku 2022: (2)

[1] (2023) GRŠIČ, Marija - MEDEN, Anže - KNEZ, Damijan - JUKIČ, Marko - SVETE, Jurij - GOBEC, Stanislav - GROŠELJ, Uroš. Synthesis and Cholinesterase Inhibitory Activity of Selected Indole-Based Compounds. In Acta Chimica Slovenica, 2023, s. 545-559.

[1] (2025) JIANG, Yan - MA, Hao Jie - ZHAI, Chen Ying - WANG, Xue Long - YANG, Yi. Sc(OTf)₃-Catalyzed Tunable Thio-(3+3) Annulation Reactions of Indoline-2-thiones with α -Benzylidene- β -tetralones. In Asian Journal of Organic Chemistry, 2025, roč. 14, č. 2.

MSEP 033396

- ADC Characterization of glutathione peroxidase 4 in rat oocytes, preimplantation embryos, and selected
48 maternal tissues during early development and implantation / Andrea Krehel'ová ... [et al.].

In: International journal of molecular sciences. - ISSN 1661-6596. - Roč. 22, č. 10 (2021), art. no. 5174, s. 1-17. Projekt: Vplyv podávania entacapone na antioxidačný status a reprodukčné parametre samcov potkana - VEGA 1/0173/19 ; Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19 ; Etiológia porúch skorého preimplantačného vývinu - APVV APVV-18-0389. 10.3390/ijms22105174 DOI;DOI; SCOPUS; CCC; WOS;

2021 IF=6,208; 2021 SNIP=1.401; 2021 SJR=1,176; 2021 CiteScore=6.9; 2021 AIS=1.064; **2021 Q1(Biochemistry & molecular biology) JCR**; 2021 Q2(Chemistry, multidisciplinary) JCR; 2021 Q2(Catalysis) Scimago; 2021 Q1(Computer science applications) Scimago; 2021 Q1(Inorganic chemistry) Scimago; 2021 Q1(Medicine (miscellaneous)) Scimago; 2021 Q2(Molecular biology) Scimago; 2021 Q1(Organic chemistry) Scimago; 2021 Q1(Physical and theoretical chemistry) Scimago; 2021 Q1(Spectroscopy) Scimago; 2021 Q2(Chemistry, multidisciplinary) AIS; 2021 Q2(Biochemistry & molecular biology) AIS

[OV 180];

[KREHEL'OVÁ, Andrea (Autor, 29%) - KOVAŘÍKOVÁ, Veronika (Autor, 13%) - DOMORÁKOVÁ, Iveta (Autor, 13%) - SOLÁR, Peter (Autor, 13%) - PASTORNICKÁ, Alena (Autor, 1%) - PAVLIUK-KARACHEVTSEVA, Andriana (Autor, 1%) - RYBÁROVÁ, Silvia (Autor, 5%) - HODOROVÁ, Ingrid (Autor, 10%) - MIHALIK, Jozef (Korešpondenčný autor, 15%)]

Kategórie ohlasov od roku 2022: (9)

[1] (2022) GAN, Jianyu - GU, Ting - HONG, Linjun - CAI, Gengyuan. Ferroptosis-related genes involved in animal reproduction: An Overview. In Theriogenology, 2022, č. 184, s. 92-99.

[1] (2022) GUO, Jiawei - SONG, Zihao - YU, Jie - LI, Chengyi - JIN, Chenchen - DUAN, Wei - LIU, Xiu - LIU, Yingying - HUANG, Shuai - TUO, Yonghua - PEI, Fei - JIAN, Zhengyang - ZHOU, Pengyu - ZHENG, Shaoyi - ZOU, Zhaowei - ZHANG, Feng - GONG, Quan - LIANG, Sijia. Hepatocyte-specific TMEM16A deficiency alleviates hepatic ischemia/reperfusion injury via

- suppressing GPX4-mediated ferroptosis. In *Cell death and disease*, 2022, roč. 13, č. 12.
- [1] (2022) SHATAT, Ahmed R. - AHMED, Omar B. - ALI, Gomaa A.M.. Liver protection from acetaminophen hepatotoxicity using copper(I)-nicotinic acid complex. In *Egyptian journal of chemistry*, 2022, roč. 65, č. 6, s. 111-120.
- [1] (2024) KOBAYASHI, Hiroshi - YOSHIMOTO, Chiharu - MATSUBARA, Sho - SHIGETOMI, Hiroshi - IMANAKA, Shogo. Altered Energy Metabolism, Mitochondrial Dysfunction, and Redox Imbalance Influencing Reproductive Performance in Granulosa Cells and Oocyte During Aging. In *Reproductive sciences*, 2024, roč. 31, č. 4, s. 906-916.
- [1] (2024) ZHAN, Tingjie - ZHANG, Jiyang - ZHANG, Ying - ZHAO, Qingshi - CHEMERINSKI, Anat - DOUGLAS, Nataki C. - ZHANG, Qiang - XIAO, Shuo. A Dose-Response Study on Functional and Transcriptomic Effects of FSH on Ex Vivo Mouse Folliculogenesis. In *Endocrinology*, 2024, roč. 165, č. 7.
- [1] (2025) KALIMUTHU, Vignesh - CHANDRAN MANIMEGALAI, Swathi - VENKATESAN, Ramya - KRISHNAMOORTHY, Sathya Priya - DEY, Nigamananda - RAMESH, Thiagarajan - BALAMUTHU, Kadalmani. Exploring the Therapeutic Potential of Terminalia chebula Retz. in Alleviating the Complications of Letrozole-Induced PCOS in Rat Model. In *Reproductive sciences*, 2025, roč. 32, č. 3, s. 836-853.
- [1] (2025) SANGEET, Satyam - KHAN, Arshad. An in-silico approach to identify bioactive phytochemicals from *Houttuynia cordata* Thunb. As potential inhibitors of human glutathione reductase. In *Journal of biomolecular structure & dynamics*, 2025, roč. 43, č. 5, s. 2300-2319.
- [1] (2025) VARGA, Dorottya - SZATMÁRI, Péter - DUCZA, Eszter. Inflammatory and Redox Mediators in Rat and Human Ovulation. In *International journal of molecular sciences*, 2025, roč. 26, č. 24.
- [1] (2026) THAPA, Rupak - MONSIVAIS, Diana. Mechanisms driving resistance to oxidative stress during endometrial stromal cell decidualization. In *Biology of reproduction*, 2026, roč. 114, č. 2, s. 511-530.

MSEP 033467

- ADC Rhus coriaria L. (Sumac) Demonstrates Oncostatic Activity in the Therapeutic and Preventive Model of Breast Carcinoma [elektronický zdroj] / Peter Kubatka ... [et al.]. In: *International journal of molecular sciences*. - ISSN 1422-0067. - Roč. 22, č. 1 (2021), art. no. 183, s. [1-30]. - Spôsob prístupu: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85098754925&origin=resultslist>. Projekt: Hodnotenie antineoplastických účinkov rastlinných funkčných potravín v mamarnej karcinogéze - VEGA 1/0136/19 ; Úloha mikroRNA v karcinóme prsníka: biologický význam, ciele molekuly a signálne dráhy - APVV APVV-16-0021 ; Vplyv prírodných látok na nádorové mikroprostredie - VEGA 1/0753/17 ; Bunkové interakcie v nádorovom mikroprostredí a ich farmakologické ovplyvnenie - APVV APVV-16-0446 ; Sekundárne metabolity lišajníkov: sľubné modulátory nádorového mikroprostredia VEGA 1/0653/19 ; Otvorená vedecká komunita pre moderný interdisciplinárny výskum v medicíne (OPENMED) - ITMS 313011V455 ; National Priorities Research Program (NPRP) NPRP 11S-1214-170101. 10.3390/ijms22010183 DOI;DOI; SCOPUS; CCC; WOS; **2021 IF=6,208; 2021 SNIP=1.401; 2021 SJR=1,176; 2021 CiteScore=6.9; 2021 AIS=1.064; 2021 Q1(Biochemistry & molecular biology) JCR; 2021 Q2(Chemistry, multidisciplinary) JCR; 2021 Q2(Catalysis) Scimago; 2021 Q1(Computer science applications) Scimago; 2021 Q1(Inorganic chemistry) Scimago; 2021 Q1(Medicine (miscellaneous)) Scimago; 2021 Q2(Molecular biology) Scimago; 2021 Q1(Organic chemistry) Scimago; 2021 Q1(Physical and theoretical chemistry) Scimago; 2021 Q1(Spectroscopy) Scimago; 2021 Q2(Chemistry, multidisciplinary) AIS; 2021 Q2(Biochemistry & molecular biology) AIS** [OV 180];
- [KUBATKA, Peter (Korešpondenčný autor, 32%) - KELLO, Martin (Autor, 10%) - KAJO, Karol (Autor, 7%) - SAMEC, Marek (Autor, 7%) - MAZURÁKOVÁ, Alena (Autor, 4%) - JAŠEK, Karin (Autor, 4%) - LACKOVÁ, Lenka (Autor, 4%) - KURUC, Tomáš (Autor, 4%) - ADAMKOV, Marian (Autor, 3%) - SMEJKAL, Karel (Autor, 3%) - ŠVAJDLÉNKA, Emil (Autor, 3%) - SOLÁR, Peter (Autor, 3%) - PÉČ, Martin (Autor, 4%) - BÜSSELBERG, Dietrich (Autor, 2%) - SADLOŇOVÁ, Vladimíra (Korešpondenčný autor, 5%) - MOJŽIŠ, Ján (Korešpondenčný autor, 5%)]

Kategórie ohlasov do roku 2021: (9)

[1] (2021) ASHRAFIZADEH, Milad - GHOLAMI, Mohammad Hossein - MIRZAEI, Sepideh - ZABOLIAN, Amirhossein - HADDADI, Amirabbas - FARAHANI, Mahdi Vasheghani - KASHANI, Sharareh Hosseinzadeh - HUSHMANDI, Kiavash - NAJAFI, Masoud - ZARRABI, Ali - AHN, Kwang Seok - KHAN, Haroon. Dual relationship between long non-coding RNAs and STAT3 signaling in different cancers: New insight to proliferation and metastasis. In Life sciences, 2021, č. 270, art. no. 119006

[1] (2021) ASHRAFIZADEH, Milad - ZARRABI, Ali - OROUEI, Sima - ZABOLIAN, Amirhossein - SALEKI, Hossein - AZAMI, Negar - BEJANDI, Atefe Kazemzade - MIRZAEI, Sepideh - JANAGHARD, Milad Nemati - HUSHMANDI, Kiavash - NABAVI, Noushim - BARADARAN, Behzad - KUMAR, Alan Prem - MAKVANDI, Pooyan - SAMARGHANDIAN, Saeed - KHAN, Haroon - HAMBLIN, Michael R.. Interplay between SOX9 transcription factor and microRNAs in cancer. In International journal of biological macromolecules, 2021, č. 183, s. 681-694.

[1] (2021) KHALIL, Mohamad - HAYEK, Soukayna - KHALIL, Nour - SERALE, Nadia - VERGANI, Laura - CALASSO, Maria - DE ANGELIS, Maria - PORTINCASA, Piero. Role of Sumac (*Rhus coriaria* L.) in the management of metabolic syndrome and related disorders: Focus on NAFLD-atherosclerosis interplay. In Journal of functional foods, 2021, č. 87, art. no. 104811

[1] (2021) MIRZAEI, Sepideh - GHOLAMI, Mohammad Hossein - HASHEMI, Farid - ZABOLIAN, Amirhossein - HUSHMANDI, Kiavash - RAHMANIAN, Vahid - ENTEZARI, Maliheh - GIRISH, Yarabahally R. - SHARATH KUMAR, Kothanahally S. - AREF, Amir Reza - MAKVANDI, Pooyan - ASHRAFIZADEH, Milad - ZARRABI, Ali - KHAN, Haroon. Employing siRNA tool and its delivery platforms in suppressing cisplatin resistance: Approaching to a new era of cancer chemotherapy. In Life sciences, 2021, č. 277, art. no. 119430

[1] (2021) MIRZAEI, Sepideh - HUSHMANDI, Kiavash - ZABOLIAN, Amirhossein - SALEKI, Hossein - TORABI, Seyed Mohammad Reza - RANJBAR, Adnan - SEYEDSALEH, SeyedHesam - SHARIFZADEH, Seyed Omid - KHAN, Haroon - ASHRAFIZADEH, Milad - ZARRABI, Ali - AHN, Kwang-seok. Elucidating Role of Reactive Oxygen Species (ROS) in Cisplatin Chemotherapy: A Focus on Molecular Pathways and Possible Therapeutic Strategies. In Molecules, 2021, roč. 26, č. 8, art. no. 2382

[1] (2021) MIRZAEI, Sepideh - SAEBFAR, Hamidreza - GHOLAMI, Mohammad Hossein - HASHEMI, Farid - ZARRABI, Ali - ZABOLIAN, Amirhossein - ENTEZARI, Maliheh - HUSHMANDI, Kiavash - SAMARGHANDIAN, Saeed - AREF, Amir Reza - ASHRAFIZADEH, Milad - KHAN, Haroon - AREF, Amir Reza - KHAN, Haroon. MicroRNAs regulating SOX2 in cancer progression and therapy response. In Expert Reviews in Molecular Medicine, 2021, roč. 23, art. no. e13

[1] (2021) SHREYASH, Nehil - BAJPAI, Sushant - KHAN, Mohd Ashhar - VIJAY, Yashi - TIWARY, Saurabh Kr - SONKER, Muskan. Green Synthesis of Nanoparticles and Their Biomedical Applications: A Review. In ACS applied nano materials, 2021, roč. 4, č. 11, s. 11428-11457.

[1] (2021) SHRIHASTINI, Vijayakumar - MUTHURAMALINGAM, Pandiyan - ADARSHAN, Sivakumar - SUJITHA, Mariappan - CHEN, Jen Tsung - SHIN, Hyunsuk - RAMESH, Manikandan. Plant derived bioactive compounds, their anti-cancer effects and in silico approaches as an alternative target treatment strategy for breast cancer: An updated overview. In Cancers, 2021, roč. 13, č. 24.

[1] (2021) SOLEYMANI, Leyla - ZARRABI, Ali - HASHEMI, Farid - HASHEMI, Fardin - ZABOLIAN, Amirhossein - BANIHASHEMI, Seyed Mohammad - MOGHADAM, Shirin Sabouhi - HUSHMANDI, Kiavash - SAMARGHANDIAN, Saeed - ASHRAFIZADEH, Milad - KHAN, Haroon. Role of ZEB Family Members in Proliferation, Metastasis, and Chemoresistance of Prostate Cancer Cells: Revealing Signaling Networks. In Current Cancer Drug Targets, 2021, roč. 21, č. 9, s. 749-767.

Kategórie ohlasov od roku 2022: (22)

[1] (2022) BATIHA, Gaber El-Saber - OGUNYEMI, Oludare M. - SHAHEEN, Hazem M. - KUTU, Funso R. - OLAIYA, Charles O. - SABATIER, Jean-Marc - DE WAARD, Michel. *Rhus coriaria* L. (Sumac), a Versatile and Resourceful Food Spice with Cornucopia of Polyphenols. In Molecules, 2022, roč. 27, č. 16, art. no. 5179

[1] (2022) HAFFEZ, Hesham - OSMAN, Shimaa - EBRAHIM, Hassan Y. - HASSAN, Zeinab A..

Growth Inhibition and Apoptotic Effect of Pine Extract and Abietic Acid on MCF-7 Breast Cancer Cells via Alteration of Multiple Gene Expressions Using In Vitro Approach. In *Molecules*, 2022, roč. 27, č. 1, art. no. 293

[1] (2022) KHALIL, Mohamad - RITA CAPONIO, Giusy - DIAB, Farah - SHANMUGAM, Harshitha - DI CIAULA, Agostino - KHALIFEH, Hala - VERGANI, Laura - CALASSO, Maria - DE ANGELIS, Maria - PORTINCASA, Piero. Unraveling the beneficial effects of herbal Lebanese mixture "Za'atar". History, studies, and properties of a potential healthy food ingredient. In *Journal of functional foods*, 2022, č. 90.

[1] (2022) MIRZAEI, Sepideh - GHOLAMI, Mohammad Hossein - HUSHMANDI, Kiavash - HSEMI, Farid - ZABOLIAN, Amirhossein - CANADAS, Israel - ZARRABI, Ali - NABAVI, Noushim - AREF, Amir Reza - CREA, Francesco - WANG, Yuzhuo - ASHRAFIZADEH, Milad - KUMAR, Alan Prem. The long and short non-coding RNAs modulating EZH2 signaling in cancer. In *Journal of Hematology & Oncology*, 2022, roč. 15, č. 1, art. no. 18

[1] (2022) MOHAMED, Radwa Wahid - SHARAKY, Marwa - ISMAIL, Sameh Hamed - SHOSHA, Nehad Naem Hamed. Pivotal Role of Copper Nanoparticles Shelled by Turmeric or Sumac on Huh-7 Cell Line Cytotoxicity, Apoptosis and Antioxidant Capacity. In *Pakistan Journal of Biological Sciences*, 2022, roč. 25, č. 10, s. 952-960.

[1] (2022) ULLAH, Aziz - LIM, Sung In. Plant extract-based synthesis of metallic nanomaterials, their applications, and safety concerns. In *Biotechnology and Bioengineering*, 2022, roč. 119, č. 9, s. 2273-2304.

[1] (2022) ZHAO, Xin - LING, Feng - ZHANG, Guang wei - YU, Na - YANG, Jing - XIN, Xiang yang. The Correlation Between MicroRNAs and Diabetic Retinopathy. In *Frontiers in immunology*, 2022, roč. 13, art. no. 941982

[1] (2023) ASLAM, Mohammed - RANI, Anjali - PANT, Bhaskara Nand - SINGH, Prashant - PANDEY, Garima. Recent Development in the Production and Utilization of Plant Biomass-Based Nanomaterials. In *Biomass-Based Functional Carbon Nanostructures for Supercapacitors*. Singapore : Springer, 2023. ISBN 978-981-99-0995-7, S. 331-368.

[1] (2023) BAYALA, Bagora - COULIBALY, Laetizia Liz - DJIGMA, Florencia - BUNAY, Julio - YONLI, Albert - TRAORE, Lassina - BARON, Silvere - FIGUEREDO, Gilles - SIMPORE, Jacques - LOBACCARO, Jean Marc A.. Chemical Composition of Essential Oil of *Cymbopogon schoenanthus* (L.) Spreng from Burkina Faso, and Effects against Prostate and Cervical Cancer Cell Lines. In *Molecules*, 2023, roč. 28, č. 11, art. no. 4561

[1] (2023) LI, Xiao - XU, Dong - TU, Jianfeng - PANG, Bo - YAN, Xiaohui - CUI, Yuanlu - WANG, Yuefei - LIU, Cunzhi - WANG, Yi - ZHANG, Junhua. The "Top 50 High Impact Researches of Traditional Medicine" published in 2021. In *Acupuncture and Herbal Medicine*, 2023, roč. 3, č. 4, s. 232-243.

[1] (2023) MIRZAEI, Sepideh - GHOLAMI, Mohammad Hossein - ZABOLIAN, Amirhossein - SALEKI, Hossein - BAGHERIAN, Morteza - TORABI, Seyed Mohammadreza - SHARIFZADEH, Seyed Omid - HUSHMANDI, Kiavash - FIVES, Kaila R. - KHAN, Haroon - ASHRAFIZADEH, Milad - ZARRABI, Ali - BISHAYEE, Anupam. Resveratrol Augments Doxorubicin and Cisplatin Chemotherapy: A Novel Therapeutic Strategy. In *Current molecular pharmacology*, 2023, roč. 16, č. 3, s. 280-306.

[1] (2023) THEPMALEE, Chutamas - SAWASDEE, Nunghathai - JENKHAM, Phanitaporn - THEPHINLAP, Chonthida - KHOOTHIAM, Krissana - SUWANNASOM, Nittiya - CHOKCHASIRI, Ratchanaporn - PANYA, Aussara - YENCHITSOMANUS, Pa thai. Anti-cancer effect of a phytochemical compound – 7R-acetylmelodrinol – against triple-negative breast cancer cells. In *Biomedicine & pharmacotherapy*, 2023, roč. 166.

[1] (2024) EL MAHI, Yassine - NIZAMI, Zohra Nausheen - WALI, Adil Farooq - AL NEYADI, Aysha - MAGRAMANE, Mohamed - AL AZZANI, Mazoun - ARAFAT, Kholoud - ATTOUB, Samir - EID, Ali H. - IRATNI, Rabah. Rhus coriaria induces autophagic and apoptotic cell death in pancreatic cancer cells. In *Frontiers in pharmacology*, 2024, roč. 15, č. 7, art. no. 1412565

[1] (2024) PILEVAR, Zahra - AZIZI-SOLEIMAN, Fatemeh - TAGHIZADEH, Mansoureh - BALASJIN, Nasim Maghbolli - RANAIE, Vahid - HOSSEINI, Hedayat. Chemical Composition and Biological Activities of *Rhus coriaria* L.: A Systematic Review. In *JOURNAL OF MEDICINAL PLANTS AND BY-PRODUCTS-JMPB*, 2024, roč. 13, č. 864171, s. 716-725.

[1] (2024) VIOLA, Enrico - MANNINO, Giuseppe - SERIO, Graziella - LA ROSA, Lorenza - GAROFALO, Giuliana - SCHICCHI, Rosario - SETTANNI, Luca - GENTILE, Carla - GAGLIO,

Raimondo. Phytochemical profiling and investigation of antioxidant, anti-proliferative, and antibacterial properties in spontaneously grown Sicilian sumac (*Rhus coriaria* L.) fruits. In Food bioscience, 2024, č. 61, art. no. 104704

[1] (2025) NIZAMI, Zohra Nausheen - AL AZZANI, Mazoun - KHALDI, Samah - WALI, Adil Farooq - MAGRAMANE, Rym - SAMAD, Shamaa Abdul - EID, Ali H. - ARAFAT, Kholoud - AL DHAHERI, Yusra - ATTOUB, Samir - IRATNI, Rabah. *Rhus coriaria* (Sumac) induces autophagic cell death and inhibits mTOR, p38MAPK and STAT3 pathways in 5fluorouracil-resistant colorectal cancer cells. In Frontiers in pharmacology, 2025, roč. 16.

[1] (2025) WU, Houman - SI, Fuchun. Research progress on traditional Chinese medicine against breast cancer through histone acetylation modifications. In Chinese Traditional and Herbal Drugs, 2025, roč. 56, č. 13, s. 4890-4901.

[1] (2025) YILMAZ-KAPANCIK, Canan - TUZUN, Burak. Chemical Composition, Antioxidant, Enzyme Inhibition and Anticancer Activities: Effects on the Expression of Genes Related to Apoptosis and the Polyamine Pathway and Molecular Docking Analyses of *Rhus coriaria* L. Extracts. In Current issues in molecular biology, 2025, roč. 48, č. 1, 10

[1] (2025) ZANNOU, Oscar - OUSSOU, Kouame F. - CHABI, Ifagbémi B. - ALAMOU, Fadel - AWAD, Nour M.H. - MIASSI, Yann E. - LOKÉ, Fifamè C.V. - ABDOULAYE, Adam - PASHAZADEH, Hojjat - REDHA, Ali Ali - KPOCLOU, Yénoukounmè E. - GUCLU, Gamze - KOCA, Ilkay - SELLI, Serkan - IBRAHIM, Salam A.. Phytochemical and nutritional properties of sumac (*Rhus coriaria*): a potential ingredient for developing functional foods. In Journal of Future Foods, 2025, roč. 5, č. 1, s. 21-35.

[1] (2026) ASHMAWY, Naglaa S. - ZAKY, Ahmed A. - BADR, Noha H. - KORIN, Ali - FARAG, Mohamed A.. Foodborne Carcinogens: Formation Pathways, Health Risks, and Cutting-Edge Physical and Chemical Prevention Strategies. In eFood, 2026, roč. 7, č. 3, 70147

[1] (2026) HALSHOY, Hawar - HUSSEIN, Safin - ALQUDAH, Ahmad M. - HAMA, Jawameer R.. Multi-trait chemical profiling reveals geographical variation in phytochemical profiles of sumac (*Rhus coriaria*) fruit genotypes. In International Journal of Food Properties, 2026, roč. 29, č. 1, 2648233

[1] (2026) KADHIM, Amenah Salim - AL-ALI, Zainab Shakir Abdullah. Phytomediated Synthesis of Flower-Plated Reduced Graphene Oxide Nanosheets for Breast Cancer Therapy: Cytotoxicity and Genotoxicity in MCF-7 Cells. In Letters in Applied NanoBioScience, 2026, roč. 15, č. 1, 22

MSEP 033181

ADC STAT5 as a Key Protein of Erythropoietin Signalization / Zuzana Tóthová ... [et al.].

50 In: International journal of molecular sciences. - ISSN 1661-6596. - Roč. 22, č. 13 (2021), art. no. 7109, s. [1-13]. Projekt: Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19. 10.3390/ijms22137109 DOI;DOI; CCC; SCOPUS; WOS;

2021 IF=6,208; 2021 SNIP=1.401; 2021 SJR=1,176; 2021 CiteScore=6.9; 2021 AIS=1.064; 2021 Q1(Biochemistry & molecular biology) JCR; 2021 Q2(Chemistry, multidisciplinary) JCR; 2021 Q2(Catalysis) Scimago; 2021 Q1(Computer science applications) Scimago; 2021 Q1(Inorganic chemistry) Scimago; 2021 Q1(Medicine (miscellaneous)) Scimago; 2021 Q2(Molecular biology) Scimago; 2021 Q1(Organic chemistry) Scimago; 2021 Q1(Physical and theoretical chemistry) Scimago; 2021 Q1(Spectroscopy) Scimago; 2021 Q2(Chemistry, multidisciplinary) AIS; 2021 Q2(Biochemistry & molecular biology) AIS

[OV 180];

[TÓTHOVÁ, Zuzana (Autor, 15%) - TOMC, Jana (Autor, 5%) - DEBELJAK, Nataša (Autor, 5%) - SOLÁR, Peter (Korešpondenčný autor, 75%)]

Kategórie ohlasov do roku 2021: (1)

[1] (2021) ZHANG, Yuhan - CHEN, Mengying - CHEN, Caiyong. Using the zebrafish as a genetic model to study erythropoiesis. In International journal of molecular sciences, 2021, roč. 22, č. 19, art. no. 10475

Kategórie ohlasov od roku 2022: (60)

[1] (2022) ABDELAZEEM, Basel - SHEHATA, Joseph - ABBAS, Kirellos Said - EL-SHAHAT, Nahla Ahmed - MALIK, Bilal - SAVARAPU, Pramod - ELTOBGY, Mostafa - KUNADI, Arvind. The efficacy and safety of roxadustat for the treatment of anemia in non-dialysis dependent chronic kidney disease patients: An updated systematic review and meta-analysis of randomized clinical

trials. In PLoS One, 2022, roč. 17, č. 75783.

- [1] (2022) DE KLEIJN, Kim M.A. - STRAASHEIJM, Kirsten R. - ZUURE, Wieteke A. - MARTENS, Gerard J.M.. Molecular Signature of Neuroinflammation Induced in Cytokine-Stimulated Human Cortical Spheroids. In Biomedicines, 2022, roč. 10, č. 5, art. no. 1025
- [1] (2022) LAI, Yi Fen - LIN, Ting Yi - HO, Pin Kuan - CHEN, Yi Hao - HUANG, Yu Chuan - LU, Da Wen. Erythropoietin in Optic Neuropathies: Current Future Strategies for Optic Nerve Protection and Repair. In International journal of molecular sciences, 2022, roč. 23, č. 13.
- [1] (2022) ZHANG, Yajing - WANG, Senyu - HAN, Songtao - FENG, Yangchun. Pan-Cancer Analysis Based on EPOR Expression With Potential Value in Prognosis and Tumor Immunity in 33 Tumors. In Frontiers in oncology, 2022, roč. 12, art. no. 844794
- [1] (2023) ERNEST, Vincent - ABOU, Norman - TICHADOU, Antoine - ARCANI, Robin - VENTON, Geoffroy. Characteristics of JAK2 unmutated erythrocytosis: Distinctive traits between polycythemia vera and non-polycythemia vera patients. In European Journal of Internal Medicine, 2023, roč. 107, s. 113-115.
- [1] (2023) LIN, Junyan - WEI, Lixiang - YAO, Minshan - CHEN, Hong - TANG, Ying - SHI, Fei - ZHAN, Fanbin - LI, Yanan - LI, Jun - LIN, Li - QIN, Zhendong. Study on the regulatory mechanism of erythropoietin in erythropoiesis in grass carp (*Ctenopharyngodon idella*). In Aquaculture, 2023, č. 565.
- [1] (2023) PARK, Hyunjung - LEE, Sangjik - LEE, Jaehun - MOON, Hyuk - RO, Simon Weonsang. Exploring the JAK/STAT Signaling Pathway in Hepatocellular Carcinoma: Unraveling Signaling Complexity and Therapeutic Implications. In International journal of molecular sciences, 2023, roč. 24, č. 18, art. no. 13764
- [1] (2023) SMITH, Madison R. - SATTER, Lisa R. - FORBES - VARGAS-HERNÁNDEZ, Alexander. STAT5b: A master regulator of key biological pathways. In Frontiers in immunology, 2023, roč. 13.
- [1] (2023) SONG, Y. - YOON, D. H. - YANG, H. - CAO, J. - JI, D. - KOH, Y. - JING, H. - EOM, H. - KWAK, J. - LEE, W. - LEE, J. - SHIN, H. - JIN, J. - WANG, M. - YANG, Z. - KIM, W. S. - ZHU, J.. Phase I dose escalation and expansion study of golidocitinib, a highly selective JAK1 inhibitor, in relapsed or refractory peripheral T-cell lymphomas. In Annals of Oncology, 2023, roč. 34, č. 11, s. 1055-1063.
- [1] (2023) SZABO, Robert - PETRIȘOR, Cristina - BODOLEA, Constantin - DOBRE, Vlad - TRANCA, Sebastian - CLICHICI, Simona - SZABO, Iulia - MELINTE, Razvan Marian - MOCAN, Teodora. Effects of Tocilizumab on Inflammation and Iron Metabolism in Critically Ill Patients with COVID-19. In Pharmaceutics, 2023, roč. 15, č. 2.
- [1] (2023) ZHANG, Yajing - ZHU, Yousen - WANG, Senyu - FENG, Yang chun - LI, Hui. Erythropoietin receptor is a risk factor for prognosis: A potential biomarker in lung adenocarcinoma. In Pathology - Research and Practice, 2023, roč. 251, art. no. 154891
- [1] (2024) HABIB, Atiya - QURESHI, Urooj - NUR-E-ALAM, Mohammad - AHMED, Aftab - UL-HAQ, Zaheer. Unravelling the Erythropoietin Heterodimeric Complex: *In Silico* Analysis of Complex Assembly and Binding Interface. In Journal of Chemistry, 2024, roč. 2024.
- [1] (2024) HABIB, Atiya - QURESHI, Urooj - NUR-E-ALAM, Mohammad - AHMED, Aftab - UL-HAQ, Zaheer. Unravelling the Erythropoietin Heterodimeric Complex: *In Silico* Analysis of Complex Assembly and Binding Interface. In Journal of Chemistry, 2024, roč. 2024, č. 1.
- [1] (2024) KIEŁBOWSKI, Kajetan - PLEWA, Paulina - BRATBORSKA, Aleksandra Wiktoria - BAKINOWSKA, Estera - PAWLIK, Andrzej. JAK Inhibitors in Rheumatoid Arthritis: Immunomodulatory Properties and Clinical Efficacy. In International journal of molecular sciences, 2024, roč. 25, č. 15.
- [1] (2024) KUTTIKRISHNAN, Shilpa - PRABHU, Kirti S. - KHAN, Abdul Q. - UDDIN, Shahab. Signaling networks guiding erythropoiesis. In Current Opinion in Hematology, 2024, roč. 31, č. 3, s. 89-95.
- [1] (2024) LI, Su Ran - WU, Zhi Zhong - YU, Hai Jun - SUN, Zhi Jun. Targeting erythroid progenitor cells for cancer immunotherapy. In International Journal of Cancer, 2024, roč. 155, č. 11, s. 1928-1938.
- [1] (2024) SONG, Yuqin - MALPICA, Luis - CAI, Qingqing - ZHAO, Weili - ZHOU, Keshu - WU, Jianqiu - ZHANG, Huilai - MEHTA-SHAH, Neha - DING, Kaiyang - LIU, Yao - LI, Zengjun - ZHANG, Liling - ZHENG, Meifang - JIN, Jie - YANG, Haiyan - SHUANG, Yuerong - YOON, Dok Hyun - GAO, Sujun - LI, Wenyu - ZHAI, Zhimin - ZOU, Liqun - XI, Yaming -

- KOH, Youngil - LI, Fei - PRINCE, Miles. Golodocitinib, a selective JAK1 tyrosine-kinase inhibitor, in patients with refractory or relapsed peripheral T-cell lymphoma (JACKPOT8 Part B): a single-arm, multinational, phase 2 study. In *The Lancet Oncology*, 2024, roč. 25, č. 1, s. 117-125.
- [1] (2024) SUN, Nianci - WANG, Ziling - JIANG, Honghui - WANG, Biyao - DU, Kunhang - HUANG, Caihong - WANG, Cheng - YANG, Ting - WANG, Yaping - LIU, Yafei - WANG, Lu. Angelica sinensis polysaccharides promote extramedullary stress erythropoiesis via ameliorating splenic glycolysis and EPO/STAT5 signaling-regulated macrophages. In *Journal of Molecular Histology*, 2024, roč. 55, č. 5, s. 661-673.
- [1] (2024) TAVIRANI, Majid Rezaei - FARAHANI, Masoumeh - TAVIRANI, Mostafa Rezaei - RAZZAGHI, Zahra - ARJMAND, Babak - KHODADOOST, Mahmood. Introducing Coffee as a Complementary Agent Beside Metformin Against Type 2 Diabetes. In *Research Journal of Pharmacognosy*, 2024, roč. 11, č. 3, s. 31-40.
- [1] (2024) ȚICHIL, Ioana - MITRE, Ileana - ZDRENGHEA, Mihnea Tudor - BOJAN, Anca - TOMULEASA, Ciprian Ionuț - CENARIU, Diana. A Review of Key Regulators of Steady-State and Ineffective Erythropoiesis. In *Journal of clinical medicine*, 2024, roč. 13, č. 9, 13092585
- [1] (2024) WANG, Miao - DENG, Zhihong - SHI, Congwei - CHENG, Kun - ZHAI, Runxiang - LI, Xiuxue - FU, Xianjun. Tanshinone IIA, originated from *Salvia miltiorrhiza*, activated EPO/EPOR-JAK2-STAT5 pathway in rat blood deficiency therapy. In *South African Journal of Botany*, 2024, roč. 170, s. 105-119.
- [1] (2024) WU, Gan - CAO, Ben - ZHAI, Haige - LIU, Bin - HUANG, Yuan - CHEN, Xiaowei - LING, Hanzhi - LING, Sunwang - JIN, Shengwei - YANG, Xinyu - WANG, Jianguang. EPO promotes the progression of rheumatoid arthritis by inducing desialylation via increasing the expression of neuraminidase 3. In *Annals of the rheumatic diseases*, 2024, roč. 83, č. 5.
- [1] (2024) WU, Song - SHANG, Xinmiao - GUO, Meng - SU, Lei - WANG, Jun. Exosomes in the Diagnosis of Neuropsychiatric Diseases: A Review. In *Biology*, 2024, roč. 13, č. 6, art. no. 387
- [1] (2025) ALAM, Jemima - PONNAM, Alekhya - SOUVANGINI, Arusmita - GOPI, Sundaramoorthy - ILDEFONSO, Cristhian J. - BISWAL, Manas R.. EPO-R76E Enhances Retinal Pigment Epithelium Viability Under Mitochondrial Oxidative Stress Induced by Paraquat. In *Cells*, 2025, roč. 14, č. 22.
- [1] (2025) GONZALES, Gustavo F.. Monge's disease at 100 years: Revisiting the origins and endocrine mechanisms of chronic mountain sickness. In *Science Progress*, 2025, roč. 108, č. 4, art. no. 00368504251387827
- [1] (2025) GRANIEWITZ VISACOVSKY, Liad - BEN-CALIFA, Nathalie - NEUMANN, Drorit - STANHILL, Ariel. Erythropoietin controls surface expression of its receptor via endoplasmic reticulum translocation. In *Biochemical and biophysical research communications*, 2025, roč. 779.
- [1] (2025) GURYANOVA, Svetlana V. - MAKSIMOVA, Tatiana V. - AZOVA, Madina M.. Transcription Factors and Methods for the Pharmacological Correction of Their Activity. In *International journal of molecular sciences*, 2025, roč. 26, č. 13.
- [1] (2025) HAN, Lin - ZANG, Na - LIU, Enmei. Research progress in hemoglobin levels and adverse outcomes in infected patients. In *Chinese Journal of Infection Control*, 2025, roč. 24, č. 6, s. 876-882.
- [1] (2025) HASSAN, Mohammed H. - ABUHAMDAH, Sawsan M.A. - HASAN, Omya Ashraf - AK, Mohammed - NAFADY, Asmaa - ZAKI, Nehal Ashraf - ABDELHADY, Marwa - TOGHAN, Rana - SALEEM, Tahia H.. Assessments of Wnt/JAK-STAT Signaling Pathway in Relation to Sfrp5 Among Patients with Cardiac Diseases. In *International journal of molecular sciences*, 2025, roč. 26, č. 24.
- [1] (2025) KC, Remant - NASRULLAH, Mohammad - SANDHU, Gurkirat - KUCHARSKI, Cezary - LAVASANIFAR, Afsaneh - ULUDAG, Hasan. Cationic lipopolymer based siRNA delivery for experimental lung cancer treatment. In *Biomaterials Advances*, 2025, roč. 177, art. no. 214394
- [1] (2025) LIU, Na - SUN, Yuzhuo - LIU, Jieyun - ZHANG, Yangyang - YI, Xinyao - YAN, Wenhui - CUI, Xin - GUO, Tingli - ZHAO, Wenzhuo - HAN, Shengli - MA, Weina - CAO, Yapeng - CHEN, Lina. Nobiletin: a potential erythropoietin receptor activator protects renal cells against hypoxia. In *Apoptosis*, 2025, roč. 30, č. 3, s. 842-860.
- [1] (2025) LUO, Lin - LIU, Xiaoyan - SHEN, Hui - ZHANG, Hao - SHANG, Yufeng - ZHANG, Xian - ZHANG, Donglei. Downregulated PTEN and aberrant JAK-STAT signal pathway in essential thrombocythemia patients. In *Frontiers in Hematology*, 2025, roč. 4, 1479185

- [1] (2025) LUO, Yanhua - ALI, Tahir - HU, Yue - GONG, Qichao - ZHENG, Chengyou - LI, Ling - LI, Shupeng - HAO, Liangliang. Erythropoietin (EPO) Alleviates Chronic Stress-Induced Depression by Modulating SIRT1-Mediated Mitochondrial Function. In *Journal of neuroimmune pharmacology*, 2025, roč. 20, č. 1.
- [1] (2025) NAMAKIN, Kosar - ZIAYIFARD, Sara - TAHMASBI, Zahra - JAFARIAN, Atefeh - FEIZI, Sepehr. Topical erythropoietin in the management of scleral necrosis: a narrative review. In *Therapeutic Advances in Ophthalmology*, 2025, roč. 17.
- [1] (2025) QIAN, Haiming - WANG, Ping - LI, Tengchuan - ZHANG, Chunyong - LI, Jintao - WANG, Qingliang - REN, Haiyang - JIN, Fanyu - HUANG, Jie - YAO, Jun - PAN, Hongbin - GUO, Rongfu - AN, Qingcong. Joint Transcriptomic Analysis of the Effect of Iron Concentration on Piglet Liver and Functional Validation of Iron Regulatory Genes. In *Current issues in molecular biology*, 2025, roč. 47, č. 10.
- [1] (2025) QUAN, Hongyu - LI, Taiyang - REN, Chencan - HE, Yuwei - XIE, Hongkun - HE, Zibo - WANG, Rui - DING, Haibin - LI, Jinbao - DONG, Shiwu - JIANG, Hong. Hierarchical spatiotemporal delivery system reprograms osteoclast subtypes to promote angiogenesis and bone regeneration in steroid-induced osteonecrosis of the rat femoral head. In *Chemical engineering journal*, 2025, č. 526.
- [1] (2025) RAJENDRAN, Kayalvizhi - CHELLAPPAN, David Raj - RAMAKRISHNAN, Vigneshwar - KRISHNAN, Uma Maheswari. Therapeutic efficacy of Punarnavadi mandura against phenylhydrazine-induced hemolytic anemia in rats. In *Journal of traditional and complementary medicine*, 2025, roč. 15, č. 1, s. 93-104.
- [1] (2025) SADDAM, Zeena Jasim - KAMAL, Yassir Mustafa - WAHEED, Huda Jaber. The potential hepatoprotective effect of Erythropoietin against liver damage induced by Doxorubicin through modulation of PI3K/Akt/GSK3 β and activation of Nrf2/HO-1 pathway. In *International journal of innovative research and scientific studies*, 2025, roč. 8, č. 1, s. 223-238.
- [1] (2025) SCHIPPEL, Natascha - KALA, Mrinalini - SHARMA, Shalini. Erythropoietin-dependent acquisition of CD71hiCD105hi phenotype within CD235a-early erythroid progenitors. In *Stem cells*, 2025, roč. 43, č. 12, sxf061
- [1] (2025) SONAK, Shreya S. - ISHWARKAR, Sharda - NIMBARTE, Charu - NIMBARTE, Vijaykumar D.. Modulation of T Cell Regulation by Interleukin-2 Agonists: Mechanisms and Clinical Implications. In *Critical Reviews in Immunology*, 2025, roč. 45, č. 5, s. 19-34.
- [1] (2025) SOTOUDEHEIAN, Mohammadjavad - MIRAHMADI, Seyed Mohamad Sadegh - FARAHMANDIAN, Navid - PIRHAYATI, Mohammad - AZARBAD, Reza - HOSSEINI, Seyed Ahmad - TOROUDI, Hamidreza Pazoki. Expression of PIM1/ASK1 Molecular Pathway Related Genes in Ischemic Cardiomyopathy. In *Cardiovascular & hematological disorders drug targets*, 2025, roč. 25, č. 3, s. 207-220.
- [1] (2025) SUN, Zheng - ZHAO, Hua. Mechanism of erythropoietin/erythropoietin receptor signaling pathway in regulating osteogenic differentiation of periodontal ligament stem cells. In *Chinese journal of tissue engineering research*, 2025, roč. 29, č. 36, s. 7762-7768.
- [1] (2025) TANAKA, Hideyuki - MAEZAWA, Mika - TANAKA, Mizuki - UMETSU, Ryogo - HIROFUJI, Sakiko - MIYASAKA, Koumi - NAKAO, Satoshi - NOKURA, Yuka - YAMASHITA, Moe - ICHIHARA, Nanaka - SUGISHITA, Kana - YAMAZAKI, Tomofumi - SHIOTA, Kohei - TAMAKI, Hirofumi - IGUCHI, Kazuhiro - NAKAMURA, Mitsuhiro. Analysis of adverse events with ruxolitinib using real-world datasets and drug-interaction networks. In *Sage open medicine*, 2025, roč. 13, č. 250112.
- [1] (2025) XU, Shanshan - CHEN, Yuting - ZHANG, Lingling - LU, Wei - CHEN, Xu - WANG, Ting - WANG, Wenjie. Neuroprotective effects of arctigenin on cerebral ischemia-reperfusion injury in rats via the EPO/EPOR-JAK2-STAT5 signaling pathway. In *Frontiers in pharmacology*, 2025, roč. 16, art. no. 1503971
- [1] (2025) YAEGER, Jazmine D.W. - JOHN, Megan M. - LEDESMA, Leighton J. - KRUPP, Kevin T. - BOOTH, Clarissa D. - JONES, Nathan T. - VALIÑO, Aisel - POPP, Nathan - SATHYANESAN, Monica - NEWTON, Samuel S. - SUMMERS, Cliff H.. Acute carbamoylated erythropoietin reduces social stress-induced anxiety and depression-related behaviors. In *Neuropharmacology*, 2025, roč. 278.
- [1] (2025) YU, Chunhong - CHEN, Jiayi - ZHAO, Zetao - TAN, Xinyue - LIU, Xinyu - YI, Zongchun. Transcriptomics and proteomics reveals the potential mechanisms of hydroquinone-inhibited erythroid differentiation in K562 cells. In *Toxicology research*, 2025, roč. 14, č. 4, art. no.

tfaf093

- [1] (2025) ZHANG, Guofeng - XU, Ruisheng - HUANG, Huimin - ZHAO, Yuanyuan - TAN, Wen Song - CAI, Haibo. Plasma substitute combination enhances in vitro expansion of blood cells by modulating redox status and signaling pathways. In *Bioprocess and Biosystems Engineering*, 2025, roč. 48, č. 10, s. 1693-1705.
- [1] (2025) ZHANG, Qianping - ZHANG, Yan - TIAN, Xinyi - LIN, Kaifan - WENG, Jie - FU, Xinyi - CHEN, Yongjie - LI, Xuemeng - CHENG, Bihuan - ZHANG, Xiaolong - GONG, Yuqiang - JIN, Shengwei - GAO, Ye. Erythropoietin as a critical prognostic indicator in ICU patients with sepsis: a prospective observational study. In *Journal of intensive care*, 2025, roč. 13, č. 1.
- [1] (2025) ZHAO, Huiying - WU, Wei. The Influence of Sirtuin 6 on Chondrocyte Senescence in Osteoarthritis Under Aging: Focusing on Mitochondrial Dysfunction and Oxidative Stress. In *Antioxidants*, 2025, roč. 14, č. 10.
- [1] (2026) AL RAJEH, Ahmed Mansour. The Lung–Kidney Axis: A Coordinated Regulation of Oxygen Sensing and Erythropoiesis. In *Biomedicines*, 2026, roč. 14, č. 4.
- [1] (2026) CELIK, Hamza - WASS, Brittney - ZOLOTARJOVA, Nina - TRIVEDI, Gaurang - MARGULIS, Alex - DRAKE, Katherine - COVINGTON, Maryanne - LARANJEIRA, Angelo Brunelli Albertoni - KATIYAR, Kamna - SMITH, Amanda - ZHANG, Guofeng - MACARRÓN, Ricardo. Comparison of the enzymatic and cellular profiles of clinical JAK inhibitors for the treatment of myelofibrosis. In *Blood Neoplasia*, 2026, roč. 3, č. 2.
- [1] (2026) HE, Langyu - ZHU, Jingjing - FANG, Huan - LIU, Hongxi - CHENG, Yuen Yee - WU, Shuo - ZHONG, Yiming - PAN, Bo - SONG, Kedong. Biomacromolecule driven ex vivo expansion of hematopoietic stem cells: Molecular mechanisms and engineering strategies. In *International journal of biological macromolecules*, 2026, č. 339.
- [1] (2026) LEE, Yoon Young - KOH, Hyebin - KIM, Jieun - KIM, Sun Uk - LEE, Jong Hee - PARK, Chan Young. Orai1 acts as a novel Ca²⁺ signal switch, balancing erythropoiesis through KLF1 regulation. In *Experimental and Molecular Medicine*, 2026, roč. 58, č. 3, s. 696-708.
- [1] (2026) MOTEKI, Hajime - OGIHARA, Masahiko - KIMURA, Mitsutoshi. Intracellular Signaling Pathways for Erythropoietin-Induced Cell Proliferation in Primary Cultured Hepatocytes. In *Biological & pharmaceutical bulletin*, 2026, roč. 49, č. 2, s. 281-290.
- [1] (2026) PIRSAVABI, Farnaz - NAJAFI, Zahra - EBRAHIMI SIAHBOOMI, Mohammad - OTHMAN HASAN, Bewar - ALIZADEH, Shaban - MOUSAVI, Seyyed Hadi - SABERIAN, Mostafa - KASHANI KHATIB, Zahra - MOHAMMADI, Saeed - AHMADBEIGI, Naser - OMIDKHODA, Azadeh. Ex vivo culture of hematopoietic stem and progenitor cells with platelet lysate: Investigating proliferation and erythroid-megakaryocytic lineage effects. In *Blood Cells, Molecules, and Diseases*, 2026, roč. 117.
- [1] (2026) WEI, Juying - CAI, Qingqing - ZHANG, Liling - ZOU, Liqun - LI, Zengjun - ZHOU, Keshu - WU, Huijing - QIU, Lihua - SU, Liping - DING, Kaiyang - ZHOU, Hui - YU, Li - LI, Fei - LI, Wenyu - LIN, Li'e - XIAO, Qing - WANG, Erhua - JING, Hongmei - ZHENG, Meifang - ZHANG, Hongyu - GAO, Yuhuan - GAO, Da - CHEN, Lijia - JIN, Jie. Phase 2 multicenter maintenance study of golidocitinib, A JAK1 selective inhibitor, in patients with peripheral T cell lymphomas after first-line systemic therapy (JACKPOT26). In *Blood Cancer Journal*, 2026, roč. 16, č. 1.
- [1] (2026) WU, Pengfei - JIA, Jialin - JIN, Tianrong - LUO, Bangwei - ZHANG, Zhiren - WANG, Guansong. Antagonistic Effect of Erythropoietin Receptor Signaling in Macrophages and Type II Alveolar Epithelial Cells on Pulmonary Fibrosis in Mice. In *In vivo*, 2026, roč. 40, č. 3, s. 1517-1529.
- [1] (2026) ZHANG, Shuning - LI, Jingmin - CHEN, Meihuan - HUANG, Hailong. Post-translational Modifications in Proteins: Prediction Methods, Biological Functions, and Diseases. In *Medicine communications*, 2026, roč. 7, č. 4.
- [1] (2026) ZHENG, Qiaochu - LI, Yinglan - LI, Jimei. Current research on the HIF-2 α -EPO–Hb axis in hypoxic environments: from molecular mechanisms to clinical. In *Frontiers in medicine*, 2026, roč. 13.
- [1] (2026) ZHU, Jianqiong - CHIN, Kyung - ZOU, Jizhong - AERBAJINAI, Wulin - LIN, Wan Chi - LI, Hongzhen - RODGERS, Griffin P.. IFN- γ increases δ -globin gene expression through activation of the JAK/STAT pathway in erythroid cells. In *Blood*, 2026, roč. 147, č. 10, s. 1111-1124.

MSEP 033653

- ADC The Role of PI3K/AKT and MAPK Signaling Pathways in Erythropoietin Signalization
51 [elektronický zdroj] / Zuzana Tóthová ... [et al.].
In: International journal of molecular sciences. - ISSN 1422-0067. - Roč. 22, č. 14 (2021), art. no. 7682, s. [1-14]. - Spôsob prístupu: <https://www.mdpi.com/1422-0067/22/14/7682>.
10.3390/ijms22147682 DOI;DOI; SCOPUS; WOS; CCC;
2021 IF=6,208; 2021 SNIP=1.401; 2021 SJR=1,176; 2021 CiteScore=6.9; 2021 AIS=1.064; 2021 Q1(Biochemistry & molecular biology) JCR; 2021 Q2(Chemistry, multidisciplinary) JCR; 2021 Q2(Catalysis) Scimago; 2021 Q1(Computer science applications) Scimago; 2021 Q1(Inorganic chemistry) Scimago; 2021 Q1(Medicine (miscellaneous)) Scimago; 2021 Q2(Molecular biology) Scimago; 2021 Q1(Organic chemistry) Scimago; 2021 Q1(Physical and theoretical chemistry) Scimago; 2021 Q1(Spectroscopy) Scimago; 2021 Q2(Chemistry, multidisciplinary) AIS; 2021 Q2(Biochemistry & molecular biology) AIS
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Kategórie ohlasov do roku 2021: (1)
[1] (2021) STEINER, Normann - GÖBEL, Georg - MICHAELER, Daniela - PLATZ, Anna Luise - PROKOP, Wolfgang - WOLF, Anna Maria - WOLF, Dominik - DUFTNER, Christina - GUNSILIUS, Eberhard. Rheumatologic diseases impact the risk of progression of MGUS to overt multiple myeloma. In Blood advances, 2021, roč. 5, č. 6, s. 1746-1754.
Kategórie ohlasov od roku 2022: (95)
[1] (2022) ABOHASSAN, Mohammad - ALSHAHRANI, Mesfer - ALSHAHRANI, Mohammad Y. - RAJAGOPALAN, Prasanna. Insilco and Invitro approaches identify novel dual PI3K/AKT pathway inhibitors to control acute myeloid leukemia cell proliferations. In Medical Oncology [online] 2022, roč. 39, č. 12, art. no. 249 .
[1] (2022) HUANG, Denghao - LEI, Jie - LI, Xingrui - JIANG, Zhonghao - LUO, Maoxuan - XIAO, Yao. Erythropoietin Activates Autophagy to Regulate Apoptosis and Angiogenesis of Periodontal Ligament Stem Cells via the Akt/ERK1/2/BAD Signaling Pathway under Inflammatory Microenvironment. In Stem Cells International [online] 2022, roč. 2022, art. no. 9806887 .
[1] (2022) KHAN, Muhammad Imran - KARIMA, Gul - KHAN, Muhammad Zubair - SHIN, Jin Hyuk - KIM, Jong Deog. Therapeutic Effects of Saponins for the Prevention and Treatment of Cancer by Ameliorating Inflammation and Angiogenesis and Inducing Antioxidant and Apoptotic Effects in Human Cells. In International journal of molecular sciences, 2022, roč. 23, č. 18, art. no. 10665
[1] (2022) KWAŚNIAK, Konrad - CZARNIK-KWAŚNIAK, Justyna - MALYSHEVA, Khrystyna - POGODA, Katarzyna - KORCHYNSKYI, Olexandr - RYBOJAD, Paweł - KARCZMAREK-BOROWSKA, Bożenna - TABARKIEWICZ, Jacek. LncCDH5-3:3 Regulates Apoptosis, Proliferation, and Aggressiveness in Human Lung Cancer Cells. In Cells, 2022, roč. 11, č. 3.
[1] (2022) LAI, Yi Fen - LIN, Ting Yi - HO, Pin Kuan - CHEN, Yi Hao - HUANG, Yu Chuan - LU, Da Wen. Erythropoietin in Optic Neuropathies: Current Future Strategies for Optic Nerve Protection and Repair. In International journal of molecular sciences, 2022, roč. 23, č. 13.
[1] (2022) LI, Tong - CAO, Huiyuan - WU, Sa - ZHONG, Peimin - DING, Jie - WANG, Jing - WANG, Fangfang - HE, Zhiwei - HUANG, Guo-Liang. Phosphorylated ATF1 at Thr184 promotes metastasis and regulates MMP2 expression in gastric cancer. In Journal of Translational Medicine, 2022, roč. 20, č. 1, art. no. 169
[1] (2022) MAGHSOUDI, Amirhossein - ZARINGHALAM, Jalal - MOOSAVI, Maryam - EIDI, Akram. Intraperitoneal Carbamylated erythropoietin improves memory and hippocampal apoptosis in beta-amyloid rat model of Alzheimer's disease through stimulating autophagy and inhibiting necroptosis. In Physiology and Pharmacology, 2022, roč. 26, č. 4, s. 395-411.
[1] (2022) MI, Lihan - FAN, Meiling - LIU, Tianjia - WU, Donglu - WANG, Yang - LI, Fuqiang - CAI, Yong - QIU, Zhidong - LIU, Da - CAO, Lingling. Ginsenoside Rd protects transgenic Caenorhabditis elegans from β -amyloid toxicity by activating oxidative resistant. In Frontiers in Pharmacology, 2022, roč. 13, art. no. 1074397
[1] (2022) VIGNJEVIĆ PETRINOVIĆ, Sanja - JAUKOVIC, Aleksandra - MILOŠEVIĆ, Maja - BUGARSKI, Diana - BUDEČ, Mirela. Targeting Stress Erythropoiesis Pathways in Cancer. In

Frontiers in physiology, 2022, roč. 13, č. 220426, art. no. 844042

[1] (2022) WEI, Bih Rong - PEER, Cody J. - RICHARDSON, William J. - HEWITT, Stephen M. - FIGG, William D. - SIMPSON, R. Mark. Pharmacokinetics and tolerability of the dual TORC1/2 inhibitor sapanisertib in combination with the MEK inhibitor trametinib in dogs. In Frontiers in veterinary science, 2022, roč. 9, art. no. 1056408

[1] (2022) ZHANG, Yajing - WANG, Senyu - HAN, Songtao - FENG, Yangchun. Pan-Cancer Analysis Based on EPOR Expression With Potential Value in Prognosis and Tumor Immunity in 33 Tumors. In Frontiers in oncology, 2022, roč. 12, art. no. 844794

[1] (2023) ELBASET, Marawan A. - MOHAMED, Bassim M.S.A. - MOUSTAFA, Passant E. - MANSOUR, Dina F. - AFIFI, Sherif M. - ESATBEYOGLU, Tuba - ABDELRAHMAN, Sahar S.M. - FAYED, Hany M.. Erythropoietin Suppresses the Hepatic Fibrosis Caused by Thioacetamide: Role of the PI3K/Akt and TLR4 Signaling Pathways. In Oxidative Medicine and Cellular Longevity, 2023, roč. 2023.

[1] (2023) GAO, Yang - WANG, Yuying - LEI, Huiyang - XU, Zhendong - LI, Shihong - YU, Haitao - XIE, Jiazha - ZHANG, Zhentao - LIU, Gongping - ZHANG, Yao - ZHENG, Jie - WANG, Jian Zhi. A novel transgenic mouse line with hippocampus-dominant and inducible expression of truncated human tau. In Translational Neurodegeneration, 2023, roč. 12, č. 1, art. no. 51

[1] (2023) HOU, Yongwang - XIANG, Baoli - YANG, Zhicong - LIU, Jiangmin - XU, Dandan - GENG, Lina - ZHAN, Minghua - XU, Yuhuan - ZHANG, Bin. Down-regulation of interleukin-2 predicts poor prognosis and associated with immune escape in lung adenocarcinoma. In International journal of immunopathology and pharmacology, 2023, roč. 37.

[1] (2023) HU, Chenglian - YANG, Ying - YE, Lun. miR-10a Ameliorates Renal and Myocardial Injury in Sepsis Through Regulation of PI3K/AKT Signaling. In Journal of Biomaterials and Tissue Engineering, 2023, roč. 13, č. 2, s. 301-308.

[1] (2023) HU, Yu - SUN, Hui - YAN, Guangli - ZHANG, Xiwu - GUAN, Yu - LI, Dan - WANG, Xijun. Combination of ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry and network pharmacology to reveal the mechanism of Shengyu Decoction for treating anemia. In Journal of Separation Science, 2023, roč. 46, č. 3, art.no. 2200678

[1] (2023) LEE, Jeeyoung - DEY, Soumyadeep - RAJVANSHI, Praveen K. - MERLING, Randall K. - TENG, Ruifeng - ROGERS, Heather M. - NOGUCHI, Constance T.. Neuronal nitric oxide synthase is required for erythropoietin stimulated erythropoiesis in mice. In Frontiers in cell and developmental biology [online] 2023, roč. 11, art. no. 1144110 .

[1] (2023) PEÑA, Gisselle Fernández - HERNÁNDEZ, Carlos Luis Pérez - GUERRA, Olivia Ileana Román - ROMERO, Tammy Fernández. Evidence of the neuroprotective potential of NeuroEPO in preclinical studies and clinical trials: A systematic review. In Revista Habanera de Ciencias Medicas, 2023, roč. 22, č. 4, art. no. 5452

[1] (2023) SHEN, Zhongqi - YU, Meng - DONG, Zhenfei. Research Progress on the Pharmacodynamic Mechanisms of Sini Powder against Depression from the Perspective of the Central Nervous System. In Medicina, 2023, roč. 59, č. 4.

[1] (2023) SHEVCHENKO, Julia A. - NAZAROV, Kirill V. - ALSHEVSKAYA, Alina A. - SENNIKOV, Sergey V.. Erythroid Cells as Full Participants in the Tumor Microenvironment. In International journal of molecular sciences, 2023, roč. 24, č. 20.

[1] (2023) WANG, Zihao - ZHOU, Yun - ZHANG, Yu - MO, Yu K. - WANG, Yijie. XMR: an explainable multimodal neural network for drug response prediction. In Frontiers in Bioinformatics, 2023, roč. 3, 1164482

[1] (2023) WEI, Zhang - PINFANG, Kang - JING, Zhou - ZHUOYA, Yao - SHAOHUAN, Qian - CHAO, Shi. Curcumin Improves Diabetic Cardiomyopathy by Inhibiting Pyroptosis through AKT/Nrf2/ARE Pathway. In Mediators of Inflammation, 2023, roč. 2023, art. no. 3906043

[1] (2023) XU, Chenjia - GUO, Ruilin - HOU, Chao - MA, Minglu - DONG, Xiaojuan - OUYANG, Chen - WU, Jing - HUANG, Ting. Resveratrol regulates macrophage recruitment and M1 macrophage polarization and prevents corneal allograft rejection in rats. In Frontiers in medicine, 2023, roč. 10.

[1] (2023) ZHANG, Leiying - LIU, Xiaomin - WEI, Qingxia - ZOU, Liyang - ZHOU, Lingling - YU, Yang - WANG, Deqing. Arginine attenuates chronic mountain sickness in rats via microRNA-144-5p. In Mammalian genome, 2023, roč. 34, č. 1, s. 76-89.

[1] (2023) ZHANG, Yajing - ZHU, Yousen - WANG, Senyu - FENG, Yang chun - LI, Hui.

- Erythropoietin receptor is a risk factor for prognosis: A potential biomarker in lung adenocarcinoma. In *Pathology - Research and Practice*, 2023, roč. 251, art. no. 154891
- [1] (2023) ZIDANE, Noura H. - HASANIN, Nawal A. - SAKKARA, Zeinab A. - HAMED, Wafaa S. - ABDELFAHATTAH, Amany A.. Erythropoietin Enhances Endogenous CD34+ Stem Cells Mobilization and Inhibits Caspase-3 Mediated Apoptosis in the Cardiac Muscle of Doxorubicin Treated Rats: Histological Study. In *The Egyptian journal of histology*, 2023, roč. 46, č. 4, s. 1618-1636.
- [1] (2024) CHEN, Ying - ZHU, Xinwang - SUN, Da - YAO, Li - YANG, Shuang - WANG, Lining. EIF4A3-induced hsa_circ_0127071 promotes human glomerular mesangial cells senescence via JAK2/STAT5 signaling pathway. In *Scientific reports*, 2024, roč. 14, č. 1.
- [1] (2024) COLTOFF, Alexander - KUYKENDALL, Andrew. Emerging drug profile: JAK inhibitors. In *Leukemia and lymphoma*, 2024, roč. 65, č. 9, s. 1258-1269.
- [1] (2024) HARATIZADEH, Sara - NEMATI, Mozhdeh - BASIRI, Mohsen - NOZARI, Masoumeh. Erythropoietin and glial cells in central and peripheral nervous systems. In *Molecular Biology Reports*, 2024, roč. 51, č. 1, 1065
- [1] (2024) KOTSIFAKI, Amalia - MAROULAKI, Sousanna - KARALEXIS, Efthymios - STATHAKI, Martha - ARMAKOLAS, Athanasios. Decoding the Role of Insulin-like Growth Factor 1 and Its Isoforms in Breast Cancer. In *International journal of molecular sciences*, 2024, roč. 25, č. 17.
- [1] (2024) KUTTIKRISHNAN, Shilpa - PRABHU, Kirti S. - KHAN, Abdul Q. - UDDIN, Shahab. Signaling networks guiding erythropoiesis. In *Current Opinion in Hematology*, 2024, roč. 31, č. 3, s. 89-95.
- [1] (2024) LIU, Shulin - JUNAID, Muhammad - WANG, Chong - WANG, Jun. Eco-corona enhanced the interactive effects of nanoplastics and 6:2 chlorinated polyfluorinated ether sulfonate in zebrafish embryos. In *Science of the total environment*, 2024, roč. 953.
- [1] (2024) LIU, Xiaoming - LI, Yiwen - HUANG, Liting - KUANG, Yingyan - WU, Xiaoxiong - MA, Xiangqiong - ZHAO, Beibei - LAN, Jiao. Unlocking the therapeutic potential of P2X7 receptor: a comprehensive review of its role in neurodegenerative disorders. In *Frontiers in Pharmacology*, 2024, roč. 15.
- [1] (2024) MAGAR, Anuja Gajanan - MORYA, Vivek Kumar - KWAK, Mi Kyung - OH, Ji Ung - NOH, Kyu Cheol. A Molecular Perspective on HIF-1 α and Angiogenic Stimulator Networks and Their Role in Solid Tumors: An Update. In *International journal of molecular sciences*, 2024, roč. 25, č. 6, 3313
- [1] (2024) NI, Lianli - ZHU, Xinping - ZHAO, Qi - SHEN, Yiwei - TAO, Lu - ZHANG, Ji - LIN, Han - ZHUGE, Weishan - CHO, Young Chang - CUI, Ri - ZHU, Wangyu. Dihydroartemisinin, a potential PTGS1 inhibitor, potentiated cisplatin-induced cell death in non-small cell lung cancer through activating ROS-mediated multiple signaling pathways. In *Neoplasia*, 2024, roč. 51, art. no. 100991.
- [1] (2024) PARK, Sun Yi - PARK, Ji Ho - YANG, Jung Wook - JUNG, Eun Jung - JU, Young Tae - JEONG, Chi Young - KIM, Ju Yeon - PARK, Taejin - KIM, Tae Han - PARK, Miyeong - LEE, Young Joon - JEONG, Sang Ho. SMARCD3 Overexpression Promotes Epithelial–Mesenchymal Transition in Gastric Cancer. In *Cancers*, 2024, roč. 16, č. 12.
- [1] (2024) SI, Jianchao - CHEN, Xue - QI, Kerong - LI, Dongli - LIU, Bingbing - ZHENG, Yuying - JI, Ensheng - YANG, Shengchang. Shengmaisan combined with Liuwei Dihuang Decoction alleviates chronic intermittent hypoxia-induced cognitive impairment by activating the EPO/EPOR/JAK2 signaling pathway. In *Chinese journal of natural medicines*, 2024, roč. 22, č. 5, s. 426-440.
- [1] (2024) SINHA, Akansha - GUPTA, Muskaan - BHASKAR, Sonu M.M.. Evolucollateral dynamics in stroke: Evolutionary pathophysiology, remodelling and emerging therapeutic strategies. In *European Journal of Neuroscience*, 2024, roč. 60, č. 11, s. 6779-6798.
- [1] (2024) TAN, Weilin - MA, Jun - FU, Jiayuan - WU, Biying - ZHU, Ziyu - HUANG, Xuekang - DU, Mengran - WU, Chenrui - BALAWI, Ehab - ZHOU, Qiang - ZHANG, Jie - LIAO, Zhengbu. Transcriptomic and bioinformatics analysis of the mechanism by which erythropoietin promotes recovery from traumatic brain injury in mice. In *Neural Regeneration Research*, 2024, roč. 19, č. 1, s. 171-179.
- [1] (2024) VARGHESE, Mathews Valuparampil - JAMES, Joel - BHARTI, Dinesh - RISCHARD, Franz - RAFIKOVA, Olga - RAFIKOV, Ruslan. Circulating free heme induces cytokine storm and

- pulmonary hypertension through the MKK3/p38 axis. In *American Journal of Physiology - Lung Cellular and Molecular Physiology*, 2024, roč. 327, č. 4, s. 574-586.
- [1] (2024) YU, Mengqi - YANG, Zhirui - ZHOU, Yongru - GUO, Wanqing - TIAN, Lin - ZHANG, Lishi - LI, Xiaomeng - CHEN, Jinyao. Mode of action exploration of reproductive toxicity induced by bisphenol S using human normal ovarian epithelial cells through ER β -MAPK signaling pathway. In *Ecotoxicology and Environmental Safety*, 2024, roč. 272.
- [1] (2024) ZAKI, Muthanna K. - ABED, Mohammed N. - ALASSAF, Fawaz A.. The regulatory role of erythropoietin in diabetes mellitus: a focus on oxidative and glycemic statuses. In *Romanian Journal of Medical Practice*, 2024, roč. 19, č. 2, s. 136-141.
- [1] (2024) ZHENG, Zengle - LEI, Jingyun - CHANG, Jia - YI, Xiuxiu - ZHOU, Guoying - CHEN, Jing. Exploring the Mechanisms of the Huangqin Qingfei Decoction in Pneumonia Treatment for Lipopolysaccharide-Induced Mouse Model: A Network Pharmacology Analysis and Experimental Validation. In *Natural Product Communications*, 2024, roč. 19, č. 3.
- [1] (2024) ZHOU, Bo - YU, Guo - ZHAO, Mingqi - LI, Yan - LI, Jing - XIANG, Yungai - TONG, Lili - CHU, Xiyang - WANG, Caiyi - SONG, Yuxia. The lncRNA LINC00339-encoded peptide promotes trophoblast adhesion to endometrial cells via MAPK and PI3K-Akt signaling pathways. In *Journal of Assisted Reproduction and Genetics*, 2024, roč. 41, č. 2, s. 493-504.
- [1] (2025) AKL, Maher M. - AHMED, Amr. Exploring glutamate-gated chloride channels in cancer cells: A narrative review on a hypothetical mechanism underpinning the anticancer effects of antiparasitic drugs. In *Sibirskij Nauchnyj Medicinskij Žurnal*, 2025, roč. 45, č. 4, s. 6-18.
- [1] (2025) BELLANI, Depti - PATIL, Raji - PRABHUGHATE, Ashwin - SHAHARE, Riya - GOLD, Michael - KAPOOR, Rinky - SHOME, Debraj. Pathophysiological mechanisms of hair follicle regeneration and potential therapeutic strategies. In *Stem cell research & therapy*, 2025, roč. 16, č. 1.
- [1] (2025) BHUSHAN, Bharat - SINGH, Niraj Kumar - SINGH, Rajesh. An Overview of Neuroprotective Effects of Erythropoietin Against Neurological Disorders: Beyond Erythropoiesis. In *Journal of biochemical and molecular toxicology*, 2025, roč. 39, č. 9, e70442
- [1] (2025) CHEN, Li - LIU, Jia - ZHANG, Ying - PI, Jinsong - WU, Yan. MK3 Gene Upregulates Granulosa Cell Apoptosis Through the TNF/P38 MAPK Pathway in Chicken. In *Cells*, 2025, roč. 14, č. 20, art. no. 1630
- [1] (2025) CHEN, Wangling - LAO, Wei - CHEN, Yunxin - LIANG, Xiaoqian. Mechanisms of Erythropoietin-Mediated Protection Against Retinal Ganglion Cell Apoptosis. In *Medical Science Monitor*, 2025, č. 31.
- [1] (2025) FOUCAMBERT, Paul - HANG, Jing Wen - MALLERET, Benoit. Exploring erythropoiesis: aging through the lens of malaria and microgravity. In *Trends in Parasitology*, 2025, roč. 41, č. 11, s. 1046-1061.
- [1] (2025) HESHAM, Dina - EL-NAGGAR, Shahenda. The multifaceted roles of ZIC genes in cancer: from development regulators to cancer modulators. In *Discover Oncology*, 2025, roč. 16, č. 1.
- [1] (2025) ILHAMI, Fasih Bintang - CAHYANINGRUM, Sari Edi - WARDANA, Andika Pramudya - GULTOM, Noto Susanto - SUBEKTI, Hasan - RAHMAWATI, Astrid - PUSPITARINI, Sapti. Meniran (*Phyllanthus niruri* L.) embedded zeolitic imidazolate framework (ZIF-8) nanoparticle for cancer chemotherapy: supported molecular docking analysis. In *RSC advances*, 2025, roč. 15, č. 1, s. 223-230.
- [1] (2025) JAVANKIANI, Sepide - BOLANDI, Soheil - SOLEIMANI, Anvar - MEIGOLI, Mohammad Saeed Soleimani - PARSAFAR, Mahdis - SAFAEI, Sadaf - ESMAILPOUR, Mojgan - NADIMI, Sogol - AVVAL, Nahal Aghajamal - FAZAYEL, Seyed Mohammad Ali - ZAHED, Zahra - SHARAFI, Malihe. MAPK signaling mediates tamoxifen resistance in estrogen receptor-positive breast cancer. In *Molecular and cellular biochemistry*, 2025, roč. 480, č. 9, s. 4973-4989.
- [1] (2025) KOPALLI, Spandana Rajendra - BEHL, Tapan - KYADA, Ashishkumar - REKHA, M. M. - KUNDLAS, Mayank - RANI, Pooja - NATHIYA, Deepak - SATYAM NAIDU, K. - GULATI, Monica - BHISE, Manish - GUPTA, Priyanka - WAL, Pranay - FAREED, Mohammad - RAMNIWAS, Seema - KOPPULA, Sushruta - GASMI, Amin. Synaptic plasticity and neuroprotection: The molecular impact of flavonoids on neurodegenerative disease progression. In *Neuroscience*, 2025, roč. 569, s. 161-183.
- [1] (2025) LEE, Da Eun - LEE, Hae Min - JUN, Yunhyeok - CHOI, Soo Young - LEE, Su Jin - KWON, Oh Shin. Metformin induces apoptosis in TRAIL-resistant colorectal cancer cells. In

- Biochimica et Biophysica Acta - Molecular Cell Research, 2025, roč. 1872, č. 1, art. no. 119873
- [1] (2025) LIANG, Cuilv - WANG, Qiaohong - WANG, Peihong - ZHANG, Yin. Effect of erythropoiesis-stimulating agents on malignant neoplasms: FAERS database and Mendelian randomization. In Expert Review of Hematology, 2025, roč. 18, č. 3, s. 239-247.
- [1] (2025) LU, Yao - XU, Kai - KONG, Jianda - LIU, Chao. The integrative role of physical exercise and muscle satellite cells in remodeling muscle structure and function. In MCB molecular and cellular biomechanics, 2025, roč. 22, č. 2.
- [1] (2025) MARAMPA, Wilman Rante - DJUSTIANA, Nina - FEBRIDA, Renny. Advances in Composite Bioactive Scaffolds for Alveolar Bone Repair: Implications for Oral Surgery. In Brazilian dental journal, 2025, roč. 36.
- [1] (2025) MAZUR, Michał - SZYMAŃSKA, Magdalena - MALIK, Agnieszka - SZLASA, Wojciech - POPIOŁEK-KALISZ, Joanna. Nutrition and Micronutrient Interactions in Autoimmune Thyroid Disorders: Implications for Cardiovascular Health. In Pathophysiology, 2025, roč. 32, č. 3, 32030037
- [1] (2025) NKANSAH, Charles - APPIAH, Samuel K. - OSEI-BOAKYE, Felix - APPIAH-KUBI, Emmanuel - ABBAM, Gabriel - DAUD, Samira - DERIGUBAH, Charles A. - BANI, Simon B. - BANYEH, Moses - MENSAH, Kofi - TATER, Ruby - MENSAH, Jennifer Obeng - NATORNAA, Anne - ADJEI, Isaac - TANKO, Muniru M. - AMANKWAA, Gilbert - SELLEH, Peter K. - ABOAGYE, Samuel B. - CHIMA, Onwuka K. - KPANGKPARI, Sylvanus M. - OTTAH, Prince - BOADI, Enoch - QUANSAH, Yeduah - CHUKWURAH, Ejike F. - UKWAH, Boniface N.. Plasma Soluble Progenitor Cell Receptors as Biomarkers for Severe Anemia Among Malaria-Infected Pediatrics: A Prospective Study in Ghana. In Health science reports, 2025, roč. 8, č. 2.
- [1] (2025) PARK, Ji Ho - PARK, Sun Yi - JUNG, Eun Jung - JU, Young Tae - JEONG, Chi Young - KIM, Ju Yeon - PARK, Taejin - PARK, Miyeong - LEE, Young Joon - JEONG, Sang Ho. SMARCD3 Promotes Epithelial–Mesenchymal Transition in Gastric Cancer by Integrating PI3K-AKT and WNT/β-Catenin Pathways. In Cancers, 2025, roč. 17, č. 21, 1721352
- [1] (2025) PRASAD, T. Hari - SWAMY, A. G. Narayana - SENTHILKUMAR, S. - SURENDRA, B. V. - VIJAYARAGHAVAN, R.. Animal Studies On Cardioprotective Effects Of Erythropoietin In Cardiac Ischemia – A Review. In Journal of Applied Bioanalysis, 2025, roč. 11, č. 2, s. 1-9.
- [1] (2025) QUAN, Hongyu - LI, Taiyang - REN, Chencan - HE, Yuwei - XIE, Hongkun - HE, Zibo - WANG, Rui - DING, Haibin - LI, Jinbao - DONG, Shiwu - JIANG, Hong. Hierarchical spatiotemporal delivery system reprograms osteoclast subtypes to promote angiogenesis and bone regeneration in steroid-induced osteonecrosis of the rat femoral head. In Chemical Engineering Journal, 2025, roč. 526.
- [1] (2025) RUIQING, Cheng - HONGLEI, Sun - SHUANGSHUANG, Geng - CHAO, Wang - JUNKE, Li - YANFANG, Chen. Effects of erythropoietin on restorative dentin formation and expression of bone morphogenetic protein 2 after pulp injury. In Chinese journal of tissue engineering research, 2025, roč. 29, č. 11, s. 2231-2242.
- [1] (2025) SCHIPPEL, Natascha - KALA, Mrinalini - SHARMA, Shalini. Erythropoietin-dependent acquisition of CD71hiCD105hi phenotype within CD235a-early erythroid progenitors. In Stem cells, 2025, roč. 43, č. 12, sxaf061
- [1] (2025) SHI, Jing - ZHAO, Fuxing - QIU, Tianlei - REN, Dengfeng - LI, Zitao - MA, Junli - ZHAO, Jiuda. High-altitude hypoxia exacerbates chemotherapy-induced myelosuppression by lowering serum G-CSF/GM-CSF and regulating apoptosis and proliferation. In Discover Oncology, 2025, roč. 16, č. 1, 02611
- [1] (2025) TADESE, Dawit Adisu - MWANGI, James - MICHIRA, Brenda B. - WANG, Yi - CAO, Kaixun - YANG, Min - KHALID, Mehwish - WANG, Ziyi - LU, Qiumin - LAI, Ren. D-Tryptophan Promotes Skin Wound Healing via Extracellular Matrix Remodeling in Normal and Diabetic Models. In International journal of molecular sciences, 2025, roč. 26, č. 15, 26157158
- [1] (2025) TKACHENKO, Anton - HAVRANEK, Ondrej. Cell death signaling in human erythron: erythrocytes lose the complexity of cell death machinery upon maturation. In Apoptosis, 2025, roč. 30, č. 3, s. 652-673.
- [1] (2025) WANG, Shengyu - CHENG, Zihe - LI, Siyu - TIAN, Yao - ZHOU, Jing - YANG, Min. The effects of sex hormones on BDNF secretion in airway smooth muscle of patients with obstructive pulmonary disease. In Heliyon, 2025, roč. 11, č. 4, e42688
- [1] (2025) WANG, Yahong - WANG, Chen - JIANG, Xiaohan - WANG, Fujiang - GE, Haitao. Study on effect and mechanism of Scutellaria Baicalensis stem-leaf total flavonoids on ulcerative

- colitis and anemia. In *Drug Evaluation Research*, 2025, roč. 48, č. 3, s. 667-678.
- [1] (2025) WEI, Wenjian - SI, Yuping - LI, Zonghong - YIN, Xuwei - MA, Guodong - SHI, Jingbo - LI, Changnian - YU, Liming - ZHENG, Wei - WANG, Yan - LIU, Kui - XU, Ruirong - CUI, Siyuan. Exploring the potential mechanism of Chinese herbal medicine Fuzi on aplastic anemia based on UHPLC-MS/MS method combined with network pharmacology and molecular docking. In *Natural product research*, 2025, roč. 39, č. 23, s. 6753-6761.
- [1] (2025) ZHANG, Shufan - XU, Tianhan - LI, Simeng - TANG, Liming - WANG, Dongmei. Neuregulin 4: A Key Regulator in Suppressing Lung Adenocarcinoma Progression. In *Technology in cancer research and treatment*, 2025, roč. 24, art.no. 44424
- [1] (2025) ZHOU, Lingbo - SHEN, Yin. New advances in optogenetic techniques for the treatment of retinal diseases with photoreceptor apoptosis. In *Chinese journal of experimental ophthalmology*, 2025, roč. 43, č. 7, s. 644-650.
- [1] (2026) AGHAEI, Mojtaba - BAHREINY, Seyed Sobhan - MAHDIZADE, Amir Hossein - ABBASI, Ali - MAGHARATI, Amir Mohammad - YOUSEFI-AVARVAND, Arshid. "Cytokine-Mediated tumor sensitization: mechanistic frameworks and therapeutic opportunities in cancer Immunotherapy". In *Clinical and Experimental Medicine*, 2026, roč. 26, č. 1.
- [1] (2026) BAI, Shuai - GUO, Yanjie - QIANG, Jingling - DAI, Qiangfang - YANG, Yanling. Research progress on the regulation of ferroptosis in NPC (Review). In *Oncology Reports*, 2026, roč. 55, č. 2, 9038
- [1] (2026) GHADIRZADEH, Erfan - SALEHI MASHHAD SARI, Seyed Pooria - SAED, Saeed - GHEIBI, Mobina - ASADI RAD, Arya - RAHIMI BIDROUNI, Samaneh - MOHSENI, Ghazal - SIAHPOSHT-KHACHAKI, Ali. The neuroprotective effects of erythropoietin following traumatic brain injury in rats through the AMP-activated protein kinase pathway: A behavioral, biochemical, and histological study. In *Behavioural Brain Research*, 2026, roč. 499, 115943
- [1] (2026) GUO, Wentao - WANG, Xiangzu - LIANG, Yinxi - HE, Sihan - ZHUANG, Junhao - RUAN, Yongdui - WANG, Liping - LU, Hongmei - ZHAO, Qing. Mechanism of curcumin in treatment of acquired immune deficiency syndrome based on network pharmacology and experimental verification. In *Drugs and Clinic*, 2026, roč. 41, č. 4, s. 925-934.
- [1] (2026) HARVANIK, Pavol - DANKOVÁ, Kristína - SOLÁROVÁ, Zuzana - ŠEMELÁKOVÁ, Martina - BHIDE, Mangesh - SOLÁR, Peter. Overexpression of the erythropoietin receptor is associated with upregulation of tubulin beta 6 and paclitaxel resistance in ovarian adenocarcinoma cells. In *Acta Chimica Slovenica*, 2026, roč. 73, č. 1, s. 258-266.
- [1] (2026) HE, Langyu - ZHU, Jingjing - FANG, Huan - LIU, Hongxi - CHENG, Yuen Yee - WU, Shuo - ZHONG, Yiming - PAN, Bo - SONG, Kedong. Biomacromolecule driven ex vivo expansion of hematopoietic stem cells: Molecular mechanisms and engineering strategies. In *International Journal of Biological Macromolecules*, 2026, roč. 339.
- [1] (2026) HERMADI, Herry Agoes - KHAIRULLAH, Aswin Rafif - SUKMANADI, Mohammad - PRATAMA, Bima Putra - MUSTOFA, Imam - MA'RUF, Ilma Fauziah - YURI, Angel Jelita Brilliant - UTOMO, Desi Lailatul Hidayah - AHMAD, Riza Zainuddin - KURNIASIH, Dea Anita Ariani - ANSORI, Arif Nur Muhammad - WARDHANI, Bantari Wisynu Kusuma - MARTINDAH, Eny - YULIANTI, Wita - AKINTUNDE, Adeyinka Oye - MULYATI, Sri - NIKMAH, Anggun Khoirun - PROBONINGRAT, Annise. Redox Signaling as A Double-Edged Regulator: Bridging Molecular Mechanisms, Physiological Balance, Pathological Disruption, and Emerging Precision Therapies in Human Health and Disease. In *Trends in Sciences*, 2026, roč. 23, č. 2, art. no. 11934
- [1] (2026) JANG, Yeji - EOM, Ye Ji - GWAK, Seung Hee - KOH, Yejin - HAN, Jaehyuk - RIM, Yeri Alice - NAM, Yoojun - JU, Ji Hyeon. Advances in the characterization of in vitro-generated red blood cells: from biophysical properties to functional applications. In *Stem cell research & therapy*, 2026, roč. 17, č. 1, 4825
- [1] (2026) KUPPUSAMY, Sandhanam - BHATTACHARJEE, Bedanta - RYNJAH, Damanbhalang - KALITA, Pratap - SEN, Saikat - CHAKRABORTY, Raja. Deciphering the Interlinked CXCR4-Mediated Feedback Loop Among Signaling Pathways in Diabetic Wound Healing. In *Current diabetes reviews*, 2026, roč. 22, č. 1.
- [1] (2026) LEE, Yoon Young - KOH, Hyebin - KIM, Jieun - KIM, Sun Uk - LEE, Jong Hee - PARK, Chan Young. Orai1 acts as a novel Ca²⁺ signal switch, balancing erythropoiesis through KLF1 regulation. In *Experimental and Molecular Medicine*, 2026, roč. 58, č. 3, s. 696-708.
- [1] (2026) LI, Shu Yun - MATSUYAMA, Satoko - WHITESIDE, Sarah - GU, Xiaowei - COOL,

- Jonah - CAPEL, Blanche - DEFALCO, Tony. Platelet-derived growth factor receptor alpha regulates fetal testis differentiation via an ERK–CREB axis. In Proceedings of the National Academy of Sciences of the United States of America, 2026, roč. 123, č. 4, e2515138123
- [1] (2026) NKYA, Siana - NZUNDA, Collin - KAYWANGA, Frida - KARIM, Salmaan - SOLOMON, David - SAUKIWA, Emmanuel - CHRISTOPHER, Heavenlight - NGOWI, Doreen - JOHANSEN, Julieth - URIO, Florence - MGAYA, Josephine - CHAMBA, Clara - HASHIM, Fadya - AMBROSE, Emmanuela E. - ACQUAH, Solomon Ofori - CHIMUSA, Emile R. - MAKANI, Julie. Exploring erythroid cell transcriptomics to understand regulation of fetal hemoglobin expression for advanced sickle cell disease treatment. In Human Molecular Genetics, 2026, roč. 35, č. 2, 179
- [1] (2026) YUAN, Lv - NIU, Tian-Di - HE, Dan-Yang - TIAN, Chuan-Bei - LI, Xuan-Liang - LIU, Huai - LI, Ya-Ying. The p38 MAPK signaling pathway confers high-temperature adaptability to phytoseiid predatory mite *Neoseiulus barkeri* via cascading heat shock protein 70. In Entomologia Generalis, 2026, roč. 46, č. 1, s. 265-275.
- [1] (2026) ZHENG, Qiaochu - LI, Yinglan - LI, Jimei. Current research on the HIF-2 α -EPO-Hb axis in hypoxic environments: from molecular mechanisms to clinical. In Frontiers in medicine, 2026, roč. 13.
- [1] (2026) ZHOU, Xuan - WEI, Yingxin - MENG, Ziqing - FENG, Yiming - LI, Zhaojie - ZHENG, Hongwei - XUE, Changhu. Small molecule cocktail for the serum-free Adipogenic induction of adipose-derived stem cells from *Larimichthys crocea*: Towards the efficient production of cell-cultured fish fat. In Food research international, 2026, roč. 225, 118109
- [2] (2023) CHEN, Naicheng - QUAN, Yong - CHEN, Mo - LU, Yukai - YANG, Lijing - WANG, Song - CHEN, Fang - YANG, Xu - SHEN, Mingqiang - ZENG, Hao - CHEN, Shilei - WANG, Fengchao - WANG, Junping - HU, Mengjia. Melanocortin/MC5R axis regulates the proliferation of hematopoietic stem cells in mice after ionizing radiation injury. In Blood Advances, 2023, roč. 7, č. 13, s. 3199-3212.
- [2] (2023) HE, Chen-Ming - LIN, Ling - CUI, Xia-Yu - LI, Fei - FANG, Bang-Jiang. Exploring the mechanism of action of Wuzhuyu Decoction for vascular headache based on network pharmacology and molecular docking. In TMR Modern Herbal Medicine, 2023, roč. 6, č. 2, s. 1-9.
- [2] (2023) HU, NAN, - QU, YUE, - LIU, TING-YU, - ZHOU, YUE, - LIU, CHANG, - WANG, JIN-HUI, - YANG, BAO-FENG, - LI, CHUN-LI, . Immunomodulatory effects and mechanisms of Tiejishihu Xiyangshen granules on cyclophosphamide induced immuno-suppression via TLR4/MAPKs and PI3K/AKT/FOXO3a signal pathways.. In Journal of Ethnopharmacology, 2023, roč. 307, art. no. 116192
- [2] (2024) ZAKI, Muthanna K. - ABED M, Mohammed N. - ALASSAF, Fawaz A.. The regulatory role of erythropoietin in diabetes mellitus: a focus on oxidative and glycemic statuses. In Romanian Journal of Medical Practice, 2024, roč. 19, č. 2, s. 136-141.
- [2] (2025) EHM, Patrick A. H. - REHBACH, Christoph. Relevance of AKT and RAS Signaling Pathways for Antibody Drug Conjugate Immunotherapies in Acute Lymphoblastic Leukemia. In Lymphatics, 2025, roč. 3, č. 4, s. 33-33.
- [2] (2026) ADEMA, VERA, - PESCE, FRANCESCO, - GARCIA-MANERO, GUILLERMO, - SANTINI, VALERIA, - COLLA, SIMONA, . Understanding the Molecular Mechanisms Underlying Anemia in Myelodysplastic Syndromes: From Erythropoiesis to New Therapeutic Approaches.. In Blood Cancer Discovery, 2026, roč. 7, č. 4, s. 532-543.
- [2] (2026) SCHAFER, Matheus Betat - PEREIRA DOS SANTOS, Bruno - DUTRA ARBO, Marcelo. Advances in Analytical Methods for Erythropoietin Identification: From Clinical Use to Anti-Doping Applications. In Drug Analytical Research, 2026, roč. 10, č. 1, s. 3-12.

MSEP 033654

ADD - Vedecké práce v domácich karentovaných časopisoch (6)

- ADD1 The influence of melatonin on metabolic changes in female rats induced by continuous irradiation and/ or administration of 7,12-dimethylbenz/a/anthracene / Ivan Ahlers ... [et al.]. In: Neoplasma. - ISSN 0028-2685. - Vol. 44, no. 4 (1997), s. 253-257.
1997 IF=0,385; 1997 Q4 (Oncology) JIF
 [AHLERS, Ivan (Autor) - SOLÁR, Peter (Autor) - AHLERSOVÁ, Eva (Autor) - KASSAYOVÁ, Monika (Autor) - ŠMAJDA, Beňadik (Autor)]

Kategórie ohlasov do roku 2021: (12)

- [1] (2000) KARBOWNIK, M., REITER, R.J. Antioxidative effects of melatonin in protection against cellular damage caused by ionizing radiation. In *P Soc Exp Biol Med*. Oct. 2000, vol. 225, no. 1, p. 9-22.
- [1] (2002) VIJAYALAXMI, Thomas C.R. et al. Melatonin. In *J Clin Oncol*. May 15, 2002, vol. 20, no. 10, p. 2575-2601.
- [1] (2003) SENER, G. et al. Melatonin ameliorates ionizing radiation-induced oxidative organ damage in rats. In *Life Sci*. Dec. 19, 2003, vol. 74, no. 5, p. 563-572.
- [1] (2004) SENER, G. et al. Melatonin protects against ionizing radiation-induced ... In *Journal of Pineal Research*. 2004, vol. 37, no. 4, p. 241-246.
- [1] (2004) UNDEGER, U. et al. Protective effects of melatonin on the ionizing radiation ... In *Experimental and Toxicologic Pathology*. 2004, vol. 55, no. 5, p. 379-384.
- [1] (2004) VIJAYALAXMI, et al. Melatonin as a radioprotective agent. In *International Journal of Radiation Oncology Biology Physics*. 2004, vol. 59, no. 3, p. 639-653.
- [1] (2007) EL-MISSIRY, M.A. et al. Ameliorative effect of melatonin... In *Etotoxicology and Environmental Safety*. 2007, vol. 66, is. 2, p. 278-286.
- [1] (2012) MOZAFFARI, S., HASANI-RANJBAR, S., ABDOLLAHI, M. The mechanisms of positive effects of melatonin in dyslipidemia: A systematic review of animal and human studies. In *International Journal of Pharmacology*, 2012, vol. 8, no. 6, s. 496-509.
- [1] (2012) WU, Z.H. et al. Protective effects of melatonin against 12C 6+ ... In *Advances in Space Research*, 2012, vol. 49, no. 1, s. 196-203.
- [1] (2015) TAHAMTAN, R. et al. Radioprotective effect of melatonin on radiation-induced lung injury and lipid peroxidation in rats. In *Cell Journal*, 2015, vol. 17, no. 1, s. 111-120
- [3] (2003) MUTO, T. et al. Initial changes of hepatic glycogen granules and glycogen phosphorylase a after exposure to 7,12 - dimethylbenz/a/anthracene in rats. In *Journal Toxicology Pathology*, 2003, vol. 16, s. 153-160.
- [3] (2006) GÖKSEL, S., ABDULLAH, S., BERRAK, C.Y. Melatonin as a radioprotective agent. In P. Montilla. *Melatonin present and future*. New York : Nova Science Publisher, 2006. ISBN 1-60021-374-X, s. 127-142.

SSEP 02053

ADD2 Very low sensitivity of Wistar:Han female rats to chemocarcinogens in mammary carcinogenesis induction / I. Ahlers ... [et al.].

In: *Neoplasma*. - ISSN 0028-2685. - Vol. 45, no. 6 (1998), s. 373-376.

1998 IF=0,657; 1998 Q4 (Oncology) JIF

[AHLERS, Ivan (Autor) - SOLÁR, Peter (Autor) - BUREŠOVÁ, Adriana (Autor) - AHLERSOVÁ, Eva (Autor)]

Kategórie ohlasov do roku 2021: (5)

- [1] (2007) THAYER, K.A., FOSTER, P.M. Workgroup report. In *Environmental Health Perspectives*. 2007, vol. 115, is. 9, p. 1351-1356.
- [1] (2007) VEGH, I., DE SALAMANCA, R.E. Prolactin, TNF alpha and nitric oxide expression in nitroso -N-methylurea-induced-mammary tumours. In *Journal of Carcinogenesis*, 2007, vol. 6, art. no. 18
- [1] (2010) KALE, A. et al. A combination of green tea extract ... In *Oncology Letters*, 2010, vol. 1, no. 2, s. 313-317.
- [1] (2013) VEGH, I. et al. Decidua mesenchymal stem cells ... In *Cancer Gene Therapy*, 2013, vol. 20, no. 1, s. 8-16.
- [1] (2015) MESNAGE, R. et al. Potential toxic effects of glyphosate and its commercial formulations below regulatory limits. In *Food and Chemical Toxicology*, 2015, vol. 84, s. 133-153

SSEP 03738

ADD3 Hsp90 Inhibitor Geldanamycin Increases the Sensitivity of Resistant Ovarian Adenocarcinoma Cell Line A2780cis to Cisplatin / P. Solár ... [et al.].

In: *Neoplasma*. - ISSN 0028-2685. - Roč. 54, č. 2 (2007), s. 127-130. CCC; SCOPUS; WOS;

2007 IF=1,208; 2007 Q4(Oncology) JCR; 2007 Q3(Cancer research) Scimago

[SOLÁR, Peter (Autor, 14.286%) - HORVÁTH, Viktor (Autor, 14.286%) - KLEBAN, Ján (

Autor, 14.286%) - KOVAL', Juraj (Autor, 14.286%) - SOLÁROVÁ, Zuzana (Autor, 14.285%) - KOZUBÍK, Alois (Autor, 14.285%) - FEDOROČKO, Peter (Autor, 14.286%)]

Kategórie ohlasov do roku 2021: (17)

- [1] (2007) LI, ZJ., THIELE, CJ. Targeting akt to increase the sensitivity of neuroblastoma ... In Expert Opinion on Therapeutic Targets, 2007, vol. 11, iss. 12, p. 1611-1621.
- [1] (2008) WU, L.-X. et al. Effects of cotreatment or sequence treatment ... In Chinese Pharmacological Bulletin, 2008, vol. 24, iss. 2, p. 165+166-171.
- [1] (2009) MOSER, C. et al. Heat-shock protein 90 (Hsp90) as a molecular target... In Anticancer Research, 2009, vol. 29, no. 6, s. 2031-2042.
- [1] (2009) TAN, Y. et al. Photodynamic action of LED-activated... In Laser Physics Letters, 2009, vol. 6, no. 4, s. 321-327.
- [1] (2009) TAN, Y. et al. Preliminary studies on LED-activated... In Laser Physics, 2009, vol. 19, no. 5, s. 1045-1049.
- [1] (2012) LU, Xiangyi-WANG, Luan-RUDEN, Douglas M. Hsp90 inhibitors and the reduction of anti-cancer drug ... In Pharmaceuticals, 2012, no. 5, s. 890-898.
- [1] (2013) GALLERNE, C., PROLA, A., LEMAIRE, C. Hsp90 inhibition by PU-H71 induces apoptosis through endoplasmic reticulum stress and mitochondrial pathway in cancer cells and overcomes the resistance conferred by Bcl-2. In Biochimica et Biophysica Acta-Molecular Cell Research, 2013, vol. 1833, no. 6, s. 1356-1366.
- [1] (2014) HAN, F.-F. et al. Hsp90 inhibitor geldanamycin enhances the antitumor efficacy of enediyne lidamycin in association with reduced DNA damage repair. In Asian Pacific Journal of Cancer Prevention, 2014, vol. 15, no. 17, s. 7043-7048.
- [1] (2015) LEE, S.C. et al. Synthesis and evaluation of a novel deguelin derivative, L80, which disrupts ATP binding to the C-terminal domain of heat shock protein 90. In Molecular Pharmacology, 2015, vol. 88, no. 2, s. 245-255
- [1] (2015) SONG, X. et al. Identification of epipolythiodioxopiperazines HDN-1 and chaetocin as novel inhibitor of heat shock protein 90. In Oncotarget, 2015, vol. 6, no. 7, s. 5263-5274
- [1] (2016) LI, L. et al. Effect of matrine combined with cisplatin on the expression of XIAP in human rhabdomyosarcoma RD cells. In Oncology Letters, 2016, vol. 12, no. 5, s. 3793-3798.
- [1] (2018) HYUN, S.Y. et al. Development of a novel Hsp90 inhibitor NCT-50 as a potential anticancer agent for the treatment of non-small cell lung cancer . In Scientific Reports, 2018, vol. 8, no. 1, art. no. 13924
- [1] (2018) KRAWCZYK, Z. et al. The role of heat shock proteins in cisplatin resistance. In Anti-Cancer Agents in Medicinal Chemistry, 2018, vol. 18, no. 15, s. 2093-2109
- [1] (2019) CANIL, G. et al. Photocytotoxic Pt(IV) complexes as prospective anticancer agents. In Dalton Transactions, 2019, vol. 48, no. 29, s. 10933-10944
- [1] (2020) MOITA, A.J.R. et al. Priming with hdac inhibitors sensitizes ovarian cancer cells to treatment with cisplatin and hsp90 inhibitors. In International Journal of Molecular Sciences, 2020, roč. 21, č. 21, art. no. 8300, s. 1-22
- [3] (2007) BOULIKAS, T. Molecular mechanisms of cisplatin and its liposomally encapsulated ... In Cancer Therapy, 2007, vol. 5, p. 349-376.
- [3] (2009) Patent: Methods of identifying and treating poor-prognosis cancers, 2009. Pat. no. US 2009/0324596 A1.

SSEP 008718

ADD4 Gp96 and its different expression in breast carcinomas / I. Hodorová ... [et al.]. - APVT-20-012104, VEGA 1/3253/06.

In: Neoplasma. - ISSN 0028-2685. - Roč. 55, č. 1 (2008), s. 31-35. Projekt: Molekulárno-biologická podstata nežiadúceho účinku erytropoetínu v terapii nádorovej bunky - VEGA 1/3253/06 ; Erytropoetín a jeho vplyv na rast nádorov in vitro a in vivo - APVT APVT-20-012104. CCC; SCOPUS; WOS;

2008 IF=1,179; 2008 Q4(Oncology) JCR; 2008 Q3(Cancer research) Scimago
[OV 180];

[HODOROVÁ, Ingrid (Autor, 35%) - RYBÁROVÁ, Silvia (Autor, 5%) - SOLÁR, Peter (Autor, 25%) - VECANOVÁ, Janka (Autor, 5%) - PROKOPČÁKOVÁ, Ľudmila (Autor, 5%) - BOHUŠ, Peter (Autor, 5%) - SOLÁROVÁ, Zuzana (Autor, 5%) - MELLOVÁ, Yveta (Autor, 10%) - SCHMIDTOVÁ, Katarína (Autor, 5%)]

Kategórie ohlasov do roku 2021: (10)

- [1] (2008) ZHANG, L.Y. et al. Increased expression of GRP94 protein is associated with decreased sensitivity to adriamycin in ovarian carcinoma cell lines. In *Clinical and Experimental Obstetrics and Gynecology*, 2008, vol. 53, iss. 4, p. 257-263.
- [1] (2010) CHEN, G.N., MA, Y., YANG, Z.L. Expression of GRP78 and GRP94 in the liver tissues and their clinicopathological significance in children with hepatoblastoma. In *Chinese Journal of Contemporary Pediatrics*, 2010, vol. 12, no. 8, s. 634-636.
- [1] (2010) CHEN, G.N., YANG, Z.L. Expressions of tumor-associated glycoprotein 72 and glucose-regulated protein 94 in the benign and malignant breast lesions and their clinicopathological significance. In *Tumor*, 2010, vol. 30, no. 4, s. 322-327.
- [1] (2012) ZHOU, J. et al. Upregulation of Gp96 correlates with the radiosensitivity and five-year survival rate of nasopharyngeal carcinoma. In *ORL*, 2012, vol. 74, no. 3, s. 164-171.
- [1] (2013) HONG, F. et al. $\alpha 7$ helix region of αI domain is crucial for integrin binding to endoplasmic reticulum chaperone gp96 A potential therapeutic target for cancer metastasis. In *Journal of Biological Chemistry*, 2013, vol. 288, no. 25, s. 18243-18248.
- [1] (2014) ZHU, G. et al. Differential requirement of GRP94 and GRP78 in mammary gland development. In *Scientific Reports*, 2014, vol. 4, 5390.
- [1] (2015) LI, X. et al. Cell membrane gp96 facilitates HER2 dimerization and serves as a novel target in breast cancer. In *International Journal of Cancer*, 2015, vol. 137, no. 3, s. 512-524.
- [1] (2016) WEI, P.-L. et al. Glucose-regulated protein 94 mediates metastasis by CCT8 and the JNK pathway in hepatocellular carcinoma. In *Tumor Biology*, 2016, vol. 37, no. 6, s. 8219-8227.
- [1] (2019) BEDIA, C. et al. GM2-GM3 gangliosides ratio is dependent on GRP94 through down-regulation of GM2-AP cofactor in brain metastasis cells. In *Scientific Reports*, 2019, vol. 9, no. 1, art. no. 14241.
- [1] (2021) DUAN, X. et al. Molecular Chaperone GRP94/GP96 in Cancers: Oncogenesis and Therapeutic Target. In *Frontiers in Oncology*, 2021, vol. 11, art. no. 629846.

Kategórie ohlasov od roku 2022: (2)

- [1] (2024) GEMBIC, Klarica T. et al. Predictive and Prognostic Values of Glycoprotein 96, Androgen Receptors, and Extranodal Extension in Sentinel Lymph Node-Positive Breast Cancer: An Immunohistochemical Retrospective Study. In *Journal of Clinical Medicine*, 2024, roč. 13, č. 24, art. no. 7665.
- [1] (2024) KLARICA GEMBIĆ, Tihana - GREBIĆ, Damir - GULIĆ, Tamara - KUSTIĆ, Domagoj. The Role of Glycoprotein 96 in Breast Cancer. In *Medicina Fluminensis*, 2024, roč. 60, č. 1, s. 94-98.

MSEP 014889

- ADD5 Antitumor effects of atorvastatin in the chemoprevention of rat mammary carcinogenesis / P. Kubatka... [et al.].
In: *Biologia*. - ISSN 0006-3088. - Roč. 66, č. 4 (2011), s. 727-734. Projekt: Statíny aplikované samotne alebo v kombinácii s ďalšími onkostatickými látkami v prevencii experimentálnej mamárnej karcinogenézy - VEGA 1/0029/08 ; Centrum pre výskum signalómu - APVV VVCE-0001-07. 10.2478/s11756-011-0077-3 DOI;DOI; CCC; SCOPUS; WOS;
2011 SJR=0,256; 2011 CiteScore=1,2; 2011 SNIP=0,586; **2011 IF=0,557; 2011 Nordic List=1; 2011 Q4(Biology) JCR**
[OV 180];
[KUBATKA, Peter (Autor, 20%) - ŽIHLAVNÍKOVÁ, Katarína (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - KAJO, Karol (Autor, 10%) - VALENTOVÁ, Vanda (Autor, 10%) - PÉČ, Martin (Autor, 10%) - BOJKOVÁ, Bianka (Autor, 10%) - KASSAYOVÁ, Monika (Autor, 10%) - STOLLÁROVÁ, Nadežda (Autor, 5%) - AHLERS, Ivan (Autor, 5%)]

Kategórie ohlasov do roku 2021: (3)

- [1] (2015) RENNO, Andre Lisboa et al. Decreased Expression of Stem Cell Markers by Simvastatin in 7,12-dimethylbenz(a)anthracene (DMBA)-induced Breast Cancer. In *Toxicologic Pathology*, 2015, vol. 43, no. 3, s. 400-410.
- [1] (2017) TELO, S., HALIFEOGLU, I., OZERCAN, I.H. Effects of stinging nettle (*Urtica dioica* L.) on antioxidant enzyme activities in rat model of mammary gland cancer. *Iranian Journal of Pharmaceutical Research*, 16pp.164-170.
- [1] (2018) MIRZAEI-KALAR, Z. In vitro binding interaction of atorvastatin with calf thymus

DNA: multispectroscopic, gel electrophoresis and molecular docking studies. In Journal of Pharmaceutical and Biomedical Analysis, 2018, vol. 161, s. 101-109.

Kategórie ohlasov od roku 2022: (3)

[1] (2019) Oztaz, E. et al. Gliclazide alone or in combination with atorvastatin ameliorated reproductive damage in streptozotocin-induced type 2 diabetic male rats. In Saudi Pharmaceutical Journal, 2019, roč. 27, č. 3, s. 422-431

[1] (2021) EL-KHASHAB, I.H. Antiangiogenic and Proapoptotic Activities of Atorvastatin and Ganoderma lucidum in Tumor Mouse Model via VEGF and Caspase-3 Pathways. In Asian Pacific Journal of Cancer Prevention, 2021, roč. 22, č. 4, s. 1095-1104

[1] (2024) LALCHANDANI, Dimple S. - CHENKUAL, Laltanpuui - SONPASARE, Kailas - RAJDEV, Bishal - NAIDU, V. G.M. - CHELLA, Naveen - PORWAL, Pawan Kumar. Optimization of atorvastatin and quercetin-loaded solid lipid nanoparticles using Box-Behnken design. In Nanomedicine, 2024, roč. 19, č. 17, s. 1541-1555.

SSEP 012221

ADD6 Influence of paclitaxel therapy on expression of ssIII-Tubulin and Carbonic anhydrase IX proteins in chemically-induced rat mammary tumors / Alena Hladová ... [et al.]. - recenzované. In: Biologia. - ISSN 0006-3088. - Roč. 75, č. 11 (2020), s. 1991-1999. 10.2478/s11756-020-00496-w DOI;DOI; CCC; SCOPUS; WOS;

2020 IF=1,350; 2020 SNIP=0,556; 2020 SJR=0,282; 2020 CiteScore=1,6; 2020 AIS=0.210; 2020 Nordic List=1; 2020 Q4(Biology) JCR; 2020 Q3(Animal science and zoology) Scimago; 2020 Q3(Ecology, evolution, behavior and systematics) Scimago; 2020 Q3(Plant science) Scimago; 2020 Q4(Biochemistry) Scimago; 2020 Q4(Cell biology) Scimago; 2020 Q4(Genetics) Scimago; 2020 Q4(Molecular biology) Scimago; 2020 Q4(Biology) AIS

[OV 180];

[HLADOVÁ, Alena (Autor, 25%) - HODOROVÁ, Ingrid (Korešpondenčný autor, 25%) - RYBÁROVÁ, Silvia (Autor, 25%) - MIHALIK, Jozef (Autor, 5%) - BOBROV, Nikita (Autor, 5%) - SOLÁR, Peter (Autor, 5%) - BENETINOVÁ, Zuzana (Autor, 5%) - MIROSSAY, Ladislav (Autor, 5%)]

Kategórie ohlasov do roku 2021: (1)

[1] (2020) GOMEZ MARTINEZ, Ana E. - HERR, Amy E.. Detecting cell death by electrophoretic cytometry. In MicroTAS 2020 - 24th International Conference on Miniaturized Systems for Chemistry and Life Sciences. 2020. ISBN 9781733419017, s. 631-632.

Kategórie ohlasov od roku 2022: (1)

[1] (2026) SANTHANAM, Manikandan - BABU, Venkatadri - SHTEINFELDER-KUZMINE, Anna - PANDEY, Swaroop Kumar - GHEBER, Larisa - RADAY, Gilead - SHOSHAN-BARMATZ, Varda. Survivin/BIRC5-derived peptide disrupts survivin dimerization and cell division and induces multifaceted anti-cancer effects. In Molecular Therapy Oncology, 2026, roč. 34, č. 1, art. no. 201123

MSEP 032777

ADE - Vedecké práce v ostatných zahraničných časopisoch (5)

ADE1 Melatonin a jeho širokospektrálne účinky : využitie melatonínu v nádorovej terapii / Peter Solár. In: Československá fyziologie. - ISSN 1210-6313. - Vol. 48, no. 1 (1999), s. 27-40.

[SOLÁR, Peter (Autor)]

Kategórie ohlasov do roku 2021: (4)

[1] (2001) PEKÁRKOVÁ, I. et al. Does exogenous melatonin ... In Physiological Research, 2001, vol. 50, no. 6, s. 595-602.

[1] (2005) OZDEMIR, D. et al. Effect of melatonin on brain ... In Physiological Research, 2005, vol. 54, no. 6, s. 631-637.

[1] (2007) GÓMEZ-MORENO, G. et al. Melatonin expression in periodontal ... In Journal of Periodontal Research, 2007, vol. 42, no. 6, s. 536-540.

[1] (2011) OZMERDIVENLI, R. et al. Protective role of melatonin on blood ... In African Journal of Biotechnology, 2011, vol. 10, no. 80, s. 18564-18568.

SSEP 02915

- ADE2 Photodynamic therapy of murine fibrosarcoma with topical and systemic administration of Hypericin / I. Čavarga ... [et al.].
In: *Phytomedicine : International Journal of Phytotherapy and Phytopharmacology*. - ISSN 0944-7113. - Vol. 8, no. 5 (2001), s. 325-330.
[ČAVARGA, Ivan (Autor) - BREZÁNI, Peter (Autor) - ČEKANOVÁ, Mária (Autor) - SOLÁR, Peter (Autor) - FEDOROČKO, Peter (Autor) - MIŠKOVSKÝ, Pavol (Autor)]
Kategórie ohlasov do roku 2021: (7)
[1] (2003) HOPFNER, M. et al. Hypericin activated by an incoherent light source has... In *Int J Colorectal Dis*, 2003, vol. 18, iss. 3, p. 239-247.
[1] (2007) FONGE, H. et al. Evaluation of tumor affinity... In *Contrast Media & Molecular Imaging*, 2007, vol. 2, is. 3, p. 113-119.
[1] (2012) HUANG, L., CHEN, S. Hypericin in hypericum: Chemistry, botanical sources and biological activities. In *Journal of Chinese Pharmaceutical Sciences*, 2012, vol. 21, no. 5, s. 388-400.
[1] (2014) FEINWEBER, D. et al. Applicability of new degradable hypericin - Polymer-conjugates as photosensitizers: Principal mode of action demonstrated by in vitro models. In *Photochemical and Photobiological Sciences*, 2014, vol. 13, no. 11, s. 1607-1620.
[1] (2018) KHLIFA, H.D. et al. Implementation of biotechnology for production of hypericin as antibladder cancer photosensitizer compound from egyptian hypericum sinaicum. In *Bioscience Research*, 2018, vol. 15, no. 3, s. 2640-2650
[1] (2019) LIANG, C. et al. Hypericin maintains PDX1 expression via the Erk pathway and protects islet β -cells against glucotoxicity and lipotoxicity. In *International Journal of Biological Sciences*, 2019, vol. 15, no. 7, s. 1472-1487.
[3] (2002) LONGO, ROCCO - SCHULZ, VOLKER. Hypericum the Last Science Discovery. In *Natural 1*, vol. 2, iss. 10, p. 86-95.
Kategórie ohlasov od roku 2022: (2)
[1] (2022) KIM, E.J. et al. Efficacy and Safety of Topical Hypericin Photodynamic Therapy for Early-Stage Cutaneous T-Cell Lymphoma (Mycosis Fungoides): The FLASH Phase 3 Randomized Clinical Trial. In *JAMA Dermatology*, 2022, roč. 158, č. 9, s. 1031-1039.
[1] (2025) VEJZOVIC, D. et al. Glioblastoma targeting by water-soluble hypericin derivate HHL-PVP and photodynamic tumour killing. In *Biomedicine and Pharmacotherapy*, 2025, vol. 186, art. no. 118041

MSEP 005836

- ADE3 Multidrug resistance proteins in renal cell carcinoma / I. Hodorová ... [et al.].
In: *Folia biologica : journal of cellular and molecular biology*. - ISSN 0015-5500. - Roč. 54, č. 6 (2008), s. 187-192. Projekt: Zmapovanie mechanizmov rezistencie nádorových buniek u karcinómu prsníka na všetkých úrovniach bunky za účelom zlepšenia terapie a prognózy ochorenia - VEGA 1/0388/08 ; Molekulárno-biologická podstata nežiadúceho účinku erytropoetínu v terapii nádorovej bunky - VEGA 1/3253/06 ; Erytropoetín a jeho vplyv na rast nádorov in vitro a in vivo - APVT APVT-20-012104. SCOPUS; WOS;
2008 IF=1,140; 2008 Q3(Biology) JCR; 2008 Q4(Oncology) JCR; 2008 Q3(Biochemistry) Scimago; 2008 Q4(Cell biology) Scimago; 2008 Q4(Developmental biology) Scimago; 2008 Q4(Genetics) Scimago; 2008 Q3(Immunology) Scimago; 2008 Q2(Medicine (miscellaneous)) Scimago; 2008 Q4(Molecular biology) Scimago
[OV 180];
[HODOROVÁ, Ingrid (Autor, 40%) - RYBÁROVÁ, Silvia (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - VECANOVÁ, Janka (Autor, 5%) - MIHALIK, Jozef (Autor, 10%) - BOHUŠ, Peter (Autor, 5%) - MELLOVÁ, Yvetta (Autor, 10%) - KLUCHOVÁ, Darina (Autor, 10%)]
Kategórie ohlasov do roku 2021: (12)
[1] (2010) JI, Z. et al. Expression of MDR1, HIF-1 and MRP1 in sacral ... In *Journal of Experimental and Clinical Cancer Research*, 2010, vol. 29, no. 1, art. no. 158.
[1] (2010) LIU, Q. et al. The NRF2-mediated oxidative stress response ... In *BMC Medical Genomics*, 2010, vol. 3.
[1] (2012) YANG, J. et al. Endogenous vaults and bioengineered vault nanoparticles ... In *Neurosurgery Clinics of North America*, 2012, vol. 23, no. 3, s. 451-458.
[1] (2014) CARATOZZOLO, M.F. et al. TRIM8 anti-proliferative action against chemo-resistant

renal cell carcinoma. In *Oncotarget*, 2014, vol. 5, no. 17, s. 7446-7457.

[1] (2014) KUNICKÁ, T., SOUCEK, P. Importance of ABCC1 for cancer therapy and prognosis. In *Drug Metabolism Reviews*, 2014, vol. 46, no. 3, s. 325-342.

[1] (2015) ADAMKOV, M. et al. Expression and significance of survivin in colorectal high grade and low grade adenomas. In *Acta Histochemica*, 2015, vol. 117, no. 6, s. 590-594

[1] (2016) PARK, E. J. et al. Thymoquinone induces apoptosis through downregulation of c-FLIP and Bcl-2 in Renal carcinoma Caki cells. In *Oncology Reports*, 2016, vol 36, no. 4, s. 2261-2267

[1] (2016) SHENG, K. et al. The role of cGMP and its signaling pathways in kidney disease. In *American Journal of Physiology - Renal Physiology*, 2016, vol. 311, no. 4, s. F671-F681

[1] (2016) SHENOY, N. et al. Sequential pathogenesis of metastatic VHL mutant clear cell renal cell carcinoma: Putting it together with a translational perspective. In *Annals of Oncology*, 2016, vol. 27, no. 9, s. 1685-1695

[1] (2017) PORTA, C. et al. Immuno-oncology for renal cell carcinoma treatment: future perspectives for combinations and sequences with molecularly targeted agents. In *Expert Opinion on Biological Therapy*, 2017, vol. 17, no. 2, s. 151-162

[1] (2017) THOMPSON, J.M. et al. Rho-associated kinase 1 inhibition is synthetically lethal with von Hippel-Lindau deficiency in clear cell renal cell carcinoma. In *Oncogene*, 2017, vol. 36, no. 8, s. 1080-1089.

[1] (2018) ABT, D. et al. Improving the efficacy of proteasome inhibitors in the treatment of renal cell carcinoma by combination with the human immunodeficiency virus (HIV)-protease inhibitors lopinavir or nelfinavir. In *BJU International*, 2018, vol. 121, no. 4, s. 600-609

Kategórie ohlasov od roku 2022: (3)

[1] (2022) HANSEN, K.M., HABER, M., FLETCHER, J.I. Targeting multidrug resistance-associated protein 1 (MRP1)-expressing cancers: Beyond pharmacological inhibition. In *Drug Resistance Updates*, 2022, art. no. 100795.

[1] (2023) YAN, L. et al. Loss of SETD2-mediated downregulation of intracellular and exosomal miRNA-10b determines MAPK pathway activation and multidrug resistance in renal cancer. In *Molecular Carcinogenesis*, 2023, roč. 62, č. 11, s. 1770-1781.

[1] (2025) ASI, Tariq - TUNCALI, Meltem Çağlar - TUNCEL, Murat - ALKANAT, Nazli Eylem İmamoğlu - KÖSEMEHMETOĞLU, Kemal - BAYDAR, Dilek Ertoý - AKDOĞAN, Bülent. Knowing the mitochondrial content and cell membrane P-glycoprotein (MDR1) pump expression does not explain the molecular basis of 99mTc-sestamibi uptake in renal masses. In *Journal of Pharmaceutical Sciences*, 2025, roč. 114, č. 12, art. no. 104009

MSEP 016261

ADE4 Photodynamic therapy with hypericin improved by targeting HSP90 associated proteins

[elektronický zdroj] / Peter Solár ... [et al.]. - Popis urobený 23.11.2011.

In: *Pharmaceuticals*. - ISSN 1424-8247. - Vol. 4, no. 11 (2011), s. 1488-1502. - Spôsob prístupu: <http://www.mdpi.com/journal/pharmaceuticals/>. Projekt: VEGA 1/0296/09 ; APVV 0040-10.

[**SOLÁR, Peter** (Autor, 40%) - CHYTILOVÁ, Mária (Autor, 25%) - SOLÁROVÁ, Zuzana (Autor, 5%) - MOJŽIŠ, Ján (Autor, 5%) - FERENC, Peter (Autor, 5%) - FEDOROČKO, Peter (Autor, 20%)]

Kategórie ohlasov do roku 2021: (4)

[1] (2016) VERMA, S., GOYAL, S., JAMAL, S., SINGH, A., GROVER, A. Hsp90: Friends, clients and natural foes. In *Biochimie*, 2016, vol. 127, s. 227-240.

[1] (2017) HORNE, T.K., CRONJE, M.J. Cancer tissue classification, associated therapeutic implications and PDT as an alternative. In *Anticancer Research*, 2017, vol. 37, no. 6, s. 2785-2807.

[1] (2021) DONG, X. et al. Hypericin-mediated photodynamic therapy for the treatment of cancer: A review. In *Journal of Pharmacy and Pharmacology*, 2021, roč. 73, č. 4, s. 425-436.

[1] (2021) PAGLIARONE, A.C.A et al. Mitochondrial heat shock protein mortalin as potential target for therapies based on oxidative stress. In *Photodiagnosis and Photodynamic Therapy*, 2021, vol. 34, art. no. 102256.

Kategórie ohlasov od roku 2022: (1)

[1] (2022) DE KEIJZER, M.J. et al. Inhibition of the HIF-1 Survival Pathway as a Strategy to

- ADE5 Anti-proliferative and Anti-angiogenic Effects of CB2R Agonist (JWH-133) in Non-small Lung Cancer Cells (A549) and Human Umbilical Vein Endothelial Cells : an in Vitro Investigation / B. Vidinský ... [et al.].
In: *Folia biologica : journal of cellular and molecular biology*. - ISSN 0015-5500. - Roč. 58, č. 2 (2012), s. 75-80. Projekt: MŠ SR - APVV 0325-07 - APVV 0325-07 ; Vplyv látok prírodného pôvodu a ich syntetických derivátov na nádorovú angiogénu - VEGA 1/4236/07. SCOPUS; WOS;
2012 IF=1,219; 2012 CiteScore=1,6; 2012 SNIP=0,506; 2012 SJR=0,431; 2012 Q3(Biology) JCR; 2012 Q4(Oncology) JCR
[VIDINSKÝ, Boris (Autor, 25%) - GÁL, Peter (Autor, 25%) - BAGO PILÁTOVÁ, Martina (Autor, 10%) - VIDOVÁ, Zuzana (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - VARINSKÁ, Lenka (Autor, 10%) - IVANOVÁ, Lenka (Autor, 5%) - MOJŽIŠ, Ján (Autor, 5%)]
Kategórie ohlasov do roku 2021: (21)
[1] (2014) AYAKANNU, T. et al. The evolving role of the endocannabinoid system in gynaecological cancer. In *Human Reproduction Update*, 2014, vol. 21, no. 4, s. 517-535
[1] (2014) BRENTS, L.K., PRATHER, P.L. The K2/Spice Phenomenon: Emergence, identification, legislation and metabolic characterization of synthetic cannabinoids in herbal incense products. In *Drug Metabolism Reviews*, 2014, vol. 46, no. 1, s. 72-85.
[1] (2014) CHAKRAVARTI, B., RAVI, J., GANJU, R.K. Cannabinoids as therapeutic agents in cancer: Current status and future implications. In *Oncotarget*, 2014, vol. 5, no. 15, s. 5852-5872.
[1] (2014) FRANKS, L.N. et al. Characterization of the intrinsic activity for a novel class of cannabinoid receptor ligands: Indole quinuclidine analogs. In *European Journal of Pharmacology*, 2014, vol. 737, s. 140-148.
[1] (2014) NEVALAINEN, T. Recent development of CB2 selective and peripheral CB1/CB2 cannabinoid receptor ligands. In *Current Medicinal Chemistry*, 2014, vol. 21, no. 2, s. 187-203.
[1] (2015) LING, X. et al. A novel near-infrared fluorescence imaging probe that preferentially binds to cannabinoid receptors CB2R over CB1R. In *Biomaterials*, 2015, vol. 57, s. 169-178.
[1] (2015) RAMER, R., HINZ, B. New Insights into antimetastatic and antiangiogenic effects of cannabinoids. In *International Review of Cell and Molecular Biology*, 2015, vol. 314, s. 43-116
[1] (2016) FRANKS, L.N., FORD, B.M., PRATHER, P.L. Selective estrogen receptor modulators: Cannabinoid receptor inverse agonists with differential CB1 and CB2 Selectivity. In *Frontiers in Pharmacology*, 2016, vol. 7. no. DEC, art. no.503.
[1] (2016) KHAN, M.I. et al. The therapeutic aspects of the endocannabinoid system (ECS) for cancer and their development: From nature to laboratory. In *Current Pharmaceutical Design*, 2016, Vol. 22, no. 12, s. 1756-1766
[1] (2017) MARINO, S., IDRIS, A.I. Emerging therapeutic targets in cancer induced bone disease: A focus on the peripheral type 2 cannabinoid receptor. In *Pharmacological Research*, 2017, vol. 119, s. 391-403.
[1] (2017) PUNZO, F. et al. Anti-proliferative, pro-apoptotic and anti-invasive effect of EC/EV system in human Osteosarcoma. In *Oncotarget*, 2017, vol. 8, no. 33, s. 54459-54471.
[1] (2018) FRANKS, L.N. et al. The tamoxifen derivative ridaifen-B is a high affinity selective CB2 receptor inverse agonist exhibiting anti-inflammatory and anti-osteoclastogenic effects. In *Toxicology and Applied Pharmacology*, 2018, vol. 353, s. 31-42.
[1] (2018) LIU, B. et al. Anti-tumoral potential of MDA19 in human osteosarcoma via suppressing PI3K/Akt/mTOR signaling pathway. In *Bioscience Reports*, 2018, vol. 38, no. 6, art. no. BSR20181501.
[1] (2018) PUNZO, F. et al. Effects of CB2 and TRPV1 receptors' stimulation in pediatric acute T-lymphoblastic leukemia. In *Oncotarget*, 2018, vol. 9, no. 30, s. 21244-21258.
[1] (2019) NAVARINI, L. et al. Cannabinoids in Autoimmune and Rheumatic Diseases. In *Mosaic of Autoimmunity: The Novel Factors of Autoimmune Diseases*, 2019, s. 417-429.
[1] (2020) REECE, A.S., HULSE, G.K. Contemporary epidemiology of rising atrial septal defect trends across USA 1991–2016: a combined ecological geospatiotemporal and causal inferential study. In *BMC Pediatrics*, 2020, vol. 20, no. 1, art. no. 539.

[1] (2021) BOYACIOĞLU, Ö. et al. ACPA decreases non-small cell lung cancer line growth through Akt/PI3K and JNK pathways in vitro. In Cell Death and Disease, 2021, roč. 12, č. 1, art. no. 56.

[1] (2021) HASHIESH, H.M. et al. Pharmacological Properties, Therapeutic Potential and Molecular Mechanisms of JWH133, a CB2 Receptor-Selective Agonist. In Frontiers in Pharmacology, 2021, vol. 12, art. no. 702675

[1] (2021) HOSAMI, F. et al. The pro-apoptosis effects of Echinacea purpurea and Cannabis sativa extracts in human lung cancer cells through caspase-dependent pathway. In BMC Complementary Medicine and Therapies, 2021, roč. 21, č. 1, art. no. 37.

[1] (2021) SHAH, S., GUPTA, A., KUMAR, P. Emerging role of cannabinoids and synthetic cannabinoid receptor 1/cannabinoid receptor 2 receptor agonists in cancer treatment and chemotherapy-associated cancer management. In Journal of Cancer Research and Therapeutics, 2021, roč. 17, č. 1, s. 1-9.

[2] (2020) VECERA, L. et al. The role of cannabinoids in the treatment of cancer. In Bratislava Medical Journal, 2020, roč. 121, č. 1, s. 79-95.

Kategórie ohlasov od roku 2022: (7)

[1] (2022) VISLAROVA, M. et al. Cannabinoid receptor 2 expression in early-stage non-small cell lung cancers identifies patients with good prognosis and longer survival. In Translational Lung Cancer Research, 2022, vol. 11, no. 10, s. 2040-2050

[1] (2023) BUNSICK, D.A., MATSUKUBO, J., SZEWCZUK, M.R. Cannabinoids Transmogrify Cancer Metabolic Phenotype via Epigenetic Reprogramming and a Novel CBD Biased G Protein-Coupled Receptor Signaling Platform. In Cancers, 2023, vol. 15, no. 4, art. no. 1030

[1] (2023) MAIA, J. et al. Unveiling the angiogenic effects of cannabinoids: Enhancers or inhibitors? In Biochemical Pharmacology, 2023, vol. 215, art. no. 115686

[1] (2023) OLIVEIRA, H.A., SOMVANSI, R.K., KUMAR, U. Comparative changes in breast cancer cell proliferation and signalling following somatostatin and cannabidiol treatment. In Biochemical and Biophysical Research Communications, 2023, vol. 643, s. 30-38

[1] (2023) SARSEMBAYEVA, A. et al. Cannabinoid receptor 2 plays a pro-tumorigenic role in non-small cell lung cancer by limiting anti-tumor activity of CD8+ T and NK cells. In Frontiers in Immunology, 2023, vol. 13, art. no. 997115

[1] (2025) AL-EITAN, Laith - KHARMAH, Hana Abu. Effect of EMB-FUBINACA on brain endothelial cell angiogenesis: Expression analysis of angiogenic markers. In Naunyn-Schmiedeberg's archives of pharmacology, 2025, roč. 398, č. 2, s. 1613-1624.

[1] (2025) BOYACIOĞLU, Özge - VARAN, Cem - BILENSOY, Erem - AYKUT, Zaliha Gamze - REÇBER, Tuba - NEMUTLU, Emirhan - KILIÇ, Nedret - KORKUSUZ, Petek. A novel injectable nanotherapeutic platform increasing the bioavailability and anti-tumor efficacy of Arachidonylcyclopropylamide on an ectopic non-small cell lung cancer xenograft model: A randomized controlled trial. In International journal of pharmaceutics, 2025, č. 670, art. no. 125153

MSEP 022185

ADF - Vedecké práce v ostatných domácich časopisoch (9)

ADF1 Rat tissue lipid peroxides in the early period after a local irradiation of the head with gamma rays: the effect of melatonin / Peter Solár, Monika Kassayová, Ivan Ahlers, Eva Ahlersová. In: Folia Medica Cassoviensia. - 53 (1996), s. 47-55.

[**SOLÁR, Peter** (Autor) - **AHLERS, Ivan** (Autor) - **AHLERSOVÁ, Eva** (Autor) - **KASSAYOVÁ, Monika** (Autor)]

SSEP 01265

ADF2 The influence of exogenous melatonin on the level of lipid peroxides in tissues of immobilized rats / Peter Solár ... [et al.].

In: Folia Medica Cassoviensia Universitas Šafarikiana. - Tom. 54 (1997), s. 85-89.

[**SOLÁR, Peter** (Autor) - **AHLERS, Ivan** (Autor) - **AHLERSOVÁ, Eva** (Autor) - **KASSAYOVÁ, Monika** (Autor)]

SSEP 02025

- ADF3 Effect of erythropoietin on photodynamic therapy of ovarian adenocarcinoma A2780 and SKOV-3 / Ján Koval'... [et al.].
In: Folia Veterinaria. - ISSN 0015-5748. - Roč. 50, č. 3 Suppl. (2006), s. 28-29.
[KOVAL', Ján (Autor) - SOLÁR, Peter (Autor) - KLEBAN, Ján (Autor) - MIKEŠ, Jaromír (Autor) - JENDŽELOVSKÝ, Rastislav (Autor) - FEDOROČKO, Peter (Autor)]
SSEP 007287
- ADF4 Cannabinoid receptor 2 agonist (JWH-133) inhibits proliferation of CEM and Jurkat-T leukemic cells : a short preliminary in vitro investigation / F. Sabol ... [et al.].
In: Folia Veterinaria. - ISSN 0015-5748. - Roč. 57, č. 1 (2013), s. 38-40. Projekt: VEGA 1/1095/11.
[OV 180];
[SABOL, František (Autor, 30%) - VIDINSKÝ, Boris (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - BAGO PILÁTOVÁ, Martina (Autor, 10%) - GÁLOVÁ-PERŽELOVÁ, Vlasta (Autor, 10%) - MOJŽIŠ, Ján (Autor, 10%) - GÁL, Peter (Autor, 15%) - LENHARDT, Ľudovít (Autor, 5%)]
MSEP 025590
- ADF5 17-DMAG v kombinácii s indolovým fytoalexínom K157 zvyšuje citlivosť ovariálnych / Zuzana Solárová ... [et al.].
In: Acta Chemotherapeutica. - ISSN 1335-0579. - Roč. 23, č. 2-3 (2014), s. 73-79. Projekt: VEGA 1/0299/13 ; VEGA 1/0322/14 ; VEGA 1/0733/12.
[OV 180];
[SOLÁROVÁ, Zuzana (Autor, 70%) - MOJŽIŠ, Ján (Autor, 10%) - VARINSKÁ, Lenka (Autor, 10%) - SOLÁR, Peter (Autor, 10%)]
MSEP 025527
- ADF6 Immunomodulating and anti-fibrotic effects of the treatment of the disease induced by the larval stage of the tapeworm *Mesocestoides vogae* with antihelminthic albendazole and low-molecular fraction of blood leucocytes (transfer factor) in mice / Hrčková G. ... [et al.].
In: Slovenský veterinársky časopis=Slovak veterinary journal. - ISSN 1335-0099. - Roč. XL, č. 1-2 (2015), s. 72-77. Projekt: ASFEU 26220220157 ; VEGA 2/0150/13.
[OV 180];
[HRČKOVÁ, Gabriela (Autor, 30%) - VELEBNÝ, Samuel (Autor, 20%) - MUDROŇOVÁ, Dagmar (Autor, 15%) - VENDELOVÁ, Emília (Autor, 10%) - GROHOLOVÁ, Mária (Autor, 10%) - SOLÁR, Peter (Autor, 15%)]
SSEP 015958
- ADF7 Pozitívne účinky Immodinu na vybrané parametre bunkovej imunity pri karcinóme mliečnej žľazy, vyvolanom 4T1 nádorovou bunkovou líniou / Gabriela Hrčková ... [et.al.]. - ASFEU 26220220157.
In: Klinická imunológia a alergológia. - ISSN 1335-0013. - Roč. 25, č. 1 (2015), s. 9-14. Projekt: ASFEU 26220220157.
2015 SJR=0,101; 2015 Q4(Immunology and allergy) Scimago
[OV 180, 200];
[HRČKOVÁ, Gabriela (Autor, 30%) - SOLÁR, Peter (Autor, 20%) - MUDROŇOVÁ, Dagmar (Autor, 20%) - DEMEČKOVÁ, Vlasta (Autor, 8%) - KASSAYOVÁ, Monika (Autor, 8%) - BOJKOVÁ, Bianka (Autor, 7%) - ORENDÁŠ, Peter (Autor, 7%)]
SSEP 015956
- ADF8 Erythropoetín potencuje antiproliferatívny účinok tamoxifénu v bunkách ľudského ovariálneho adnokarcinómu / Solár Peter.
In: Acta chemotherapeutica : časopis Slovenskej chemoterapeutickej spoločnosti SLS. - ISSN 1335-0579. - Roč. 27, č. 1-2 (2018), s. 76-81.
[OV 180];
[SOLÁR, Peter (Autor, 100%)]
MSEP 030560
- ADF9 Erythropoetín a jeho receptor: prínosy a nevýhody v liečbe rakoviny / Zuzana Tóthová, Peter Solár.

In: Acta chemotherapeutica : časopis Slovenskej chemoterapeutickej spoločnosti SLS. - ISSN 1335-0579. - Roč. 29, č. 3-4 (2020), s. 155-161.

[OV 180];

[TÓTHOVÁ, Zuzana (Autor, 50%) - SOLÁR, Peter (Autor, 50%)]

MSEP 033403

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (7)

ADM1 Erythropoietin and cancer: the unintended consequences of anemia corrections / Nataša Debeljak, Peter Solár, Arthur J. Sytkowski..

In: Frontiers in immunology. - ISSN 1664-3224. - Roč. 5, č. November (2014), art. no. 563, s.

[1-14]. Projekt: Typizácia ľudského erytropoetínového receptora v nádorovej a normálnej bunke - VEGA 1/0733/12. 10.3389/fimmu.2014.00563 DOI;DOI; SCOPUS;

2014 SNIP=1,051; 2014 SJR=2,389; 2014 CiteScore=5,0

[OV 180];

[DEBELJAK, Nataša (Autor, 45%) - SOLÁR, Peter (Autor, 45%) - SYTKOWSKI, Arthur (Autor, 10%)]

Kategórie ohlasov do roku 2021: (50)

[1] (2015) ENG, K.H. et al. Immuno-stimulatory/regulatory gene expression patterns in advanced ovarian cancer. In Genes and Cancer, 2015, vol. 6, no. 9-10, s. 399-407

[1] (2015) FAMER, K. et al. Hematopoietic cytokines as therapeutic players in early stages Parkinson's disease. In Frontiers in Aging Neuroscience, 2015, vol. 7, (JUL), art.no.126

[1] (2015) GAO, R. et al. Systemic Lipopolysaccharide Administration-Induced Cognitive Impairments are Reversed by Erythropoietin Treatment in Mice. In Inflammation, 2015, vol. 38, no. 5, s. 1949-1958

[1] (2015) KUERT, D., WOJCHOWSKI, D.M. Emerging EPO and EPO receptor regulators and signal transducers. In Blood, 2015, vol. 125, no. 23, s. 3536-3541

[1] (2015) MEYER, F.R.L. et al. Expression of platelet-derived growth factor BB, erythropoietin and erythropoietin receptor in canine and feline osteosarcoma. In Veterinary Journal, 2015, vol. 206, no. 1, s. 67-74

[1] (2015) SFACTERIA, A. et al. Insights into erythropoietin in veterinary oncology: The other side of the coin. In Veterinary Journal, 2015, vol. 206, no. 3, s. 247-248

[1] (2015) WOJTUKIEWICZ, M.Z. et al. Erythropoietin receptor and tissue factor are coexpressed in human breast cancer cells. In Journal of B.U.ON., 2015, vol. 20, no. 6, s. 1426-1431

[1] (2016) BISSINGER, R. et al. Enhanced eryptosis contributes to anemia in lung cancer patients. In Oncotarget, 2016, vol. 7, no. 12, s. 14002-14014

[1] (2016) DECKER, A.M. et al. The role of hematopoietic stem cell niche in prostate cancer bone metastasis. In Journal of Bone Oncology, 2016, vol. 5, no. 3, s. 117-120

[1] (2016) JI, M.H. et al. Erythropoietin Pretreatment Attenuates Seawater Aspiration-Induced Acute Lung Injury in Rats. In Inflammation, 2016, vol. 39, no. 1, s. 447-456

[1] (2016) LEYLAND-JONES, B. et al. A randomized, open-label, multicenter, phase III study of epoetin alfa versus best standard of care in anemic patients with metastatic breast cancer receiving standard chemotherapy. In Journal of Clinical Oncology, 2016, vol. 34, no. 11, s. 1197-1207

[1] (2016) RAINVILLE, N., JACHIMOWICZ, E., WOJCHOWSKI, D.M. Targeting EPO and EPO receptor pathways in anemia and dysregulated erythropoiesis. In Expert Opinion on Therapeutic Targets, 2016, vol. 20, no. 3, s. 287-301

[1] (2016) ROBLES PEREZ-MONTEOLIVA, N.R. Erythropoietin, chronic renal failure and cancer | [Eritropoyetina, insuficiencia renal crónica y cáncer]. In Medicina Clinica, 2016, vol. 146, no. 12, s. 539-540

[1] (2016) SKRYPNYK, N.I. et al. Bridging translation for acute kidney injury with better preclinical modeling of human disease. In American Journal of Physiology - Renal Physiology, 2016, vol. 310, no. 10, s. F972-F984

[1] (2017) ALURAL, B. et al. Erythropoietin Promotes Glioblastoma via miR-451 Suppression. In Vitamins and Hormones, 2017, vol. 105, s. 249-271

[1] (2017) LANG, e. ET AL. Suicidal death of erythrocytes in cancer and its chemotherapy: A

- potential target in the treatment of tumor-associated anemia. In *International Journal of Cancer*, 2017, vol. 141, no. 8, s. 1522-1528
- [1] (2017) MAJDAN, A. et al. Erytropoetyna w leczeniu niedokrwistości w przebiegu nowotworów złośliwych – Czy ewentualne korzyści przewyższają ryzyko? . In *Onkologia i Radioterapia*, 2017, vol. 41, no. 3, s. 053-061.
- [1] (2017) MARTIN, O.A. et al. Does the mobilization of circulating tumour cells during cancer therapy cause metastasis? In *Nature Reviews Clinical Oncology*, 2017, vol. 14, no. 1, s. 32-44
- [1] (2017) MESGARPOUR, B. et al. Harms of off-label erythropoiesis-stimulating agents for critically ill people. In *Cochrane Database of Systematic Reviews*, 2017, no. 8, art.no. CD010969
- [1] (2017) ORDOÑEZ-MORENO, A. et al. Erythropoietin Induces an Epithelial to Mesenchymal Transition-Like Process in Mammary Epithelial Cells MCF10A. In *Journal of Cellular Biochemistry*, 2017, vol. 118, no. 9, s. 2983-2992 .
- [1] (2017) SCHNIPPER, L.E. Direct-to-consumer advertising of cancer treatments . In *Clinical Advances in Hematology and Oncology*, 2017, vol. 15, no. 10, s. 748-750.
- [1] (2018) BÄCHINGER, D. et al. Neuronal erythropoietin overexpression is protective against kanamycin-induced hearing loss in mice. In *Toxicology Letters*, 2018, vol. 291, s. 121-128
- [1] (2018) BELJAJEV, A.M. et al. Low-dose erythropoietin treatment is not associated with clinical benefits in severely anaemic Jehovah's Witnesses: A plea for a change . In *Blood Transfusion*, 2018, vol. 16, no. 1, s. 53-62.
- [1] (2018) BISSINGER, R. et al. Oxidative stress, eryptosis and anemia: a pivotal mechanistic nexus in systemic diseases. In *FEBS Journal*. Article in Press
- [1] (2018) ERCAN, I. et al. Peptide Derivatives of Erythropoietin in the Treatment of Neuroinflammation and Neurodegeneration. In *Advances in Protein Chemistry and Structural Biology*, 2018, vol. 112, s. 309-357
- [1] (2018) GLYAVINA, M.M. et al. Morphological analysis of microglia in early postischemic period in the mouse local cerebral ischemia. In *EPJ Web of Conferences*, 2018, vol. 195, art. no. 10004
- [1] (2018) KILAR, C.R. et al. Activation of the β -common receptor by erythropoietin impairs acetylcholine-mediated vasodilation in mouse mesenteric arterioles. In *Physiological Reports*, 2018, vol. 6, no. 12, art. no. e13751.
- [1] (2018) KOEHLER, R.C. et al. Perinatal hypoxic-ischemic brain injury in large animal models: Relevance to human neonatal encephalopathy. In *Journal of Cerebral Blood Flow and Metabolism*, 2018, vol. 38, no. 12, s. 2092-2111.
- [1] (2018) PETERSEN, J.Z. et al. Effects of recombinant human erythropoietin on cognition and neural activity in remitted patients with mood disorders and first-degree relatives of patients with psychiatric disorders: A study protocol for a randomized controlled trial. In *Trials*, 2018, vol. 19, no. 1, art. no. 611.
- [1] (2018) SCHMIDT, L.S. et al. Erythropoietin as an add-on treatment for cognitive side effects of electroconvulsive therapy: A study protocol for a randomized controlled trial. In *Trials*, 2018, vol. 19, no. 1, art.no. 234
- [1] (2018) ZHUANG, X. et al. ^{99m}Tc -labeled rHuEpo for imaging of the erythropoietin receptor in tumors. In *Journal of Labelled Compounds and Radiopharmaceuticals*, 2018, vol. 61, no. 2, s. 77-83
- [1] (2019) BISSINGER, R. et al. Oxidative stress, eryptosis and anemia: a pivotal mechanistic nexus in systemic diseases. In *FEBS Journal*, 2019, vol. 286, no. 5, s. 826-854
- [1] (2019) CERNARO, V. et al. Erythropoiesis and chronic kidney disease-related anemia: From physiology to new therapeutic advancements. In *Medicinal Research Reviews*, 2019, vol. 39, no. 2, s. 427-460
- [1] (2019) CHATURVEDI, S. et al. Preoperative treatment of anemia and outcomes in surgical Jehovah's Witness patients. In *American Journal of Hematology*, 2019, vol. 94, no. 2, s. E55-E58
- [1] (2019) DONADEI, C. et al. Erythropoietin inhibits SGK1-dependent Th17 cell induction and Th17 cell-dependent kidney disease. In *JCI Insight*, 2019, vol. 4, no. 10, art. no. e127428
- [1] (2019) FISCHER, D. et al. Red blood cell transfusion and its alternatives in oncologic surgery—A critical evaluation. In *Critical Reviews in Oncology/Hematology*, 2019, vol. 134, s. 1-9
- [1] (2019) KATSI, V. et al. Arterial hypertension in patients under antineoplastic therapy: A

- systematic review. In *Journal of Hypertension*, 2019, roč. 37, č. 5, s. 884-901.
- [1] (2019) LI, Y.-J. et al. Vasculogenic Mimicry Formation Is Associated with Erythropoietin Expression but Not with Erythropoietin Receptor Expression in Cervical Squamous Cell Carcinoma. In *BioMed Research International*, 2019, vol. 2019, art. no. 1934195
- [1] (2019) NADEZHGIN, S.V. et al. Influence of recombinant erythropoietin on mesenchymal stem cells proliferation and differentiation during cultivation on allogenic bone matrix. In *Revista Latinoamericana de Hipertension*, 2019, vol. 14, no. 4, s. 310-313
- [1] (2019) PETRILLO, A. et al. First line nab-paclitaxel plus gemcitabine in elderly metastatic pancreatic patients: A good choice beyond age. In *Journal of Gastrointestinal Oncology*, 2019, vol. 10, no. 5, s. 910-917
- [1] (2019) SAKAGUCHI, Y. et al. Types of erythropoietin-stimulating agents and mortality among patients undergoing hemodialysis. In *Journal of the American Society of Nephrology*, 2019, vol. 30, no. 6, s. 1037-1048
- [1] (2019) XIAOHONG, C. et al. Elevated serum soluble interleukin-2 receptor levels increase malignancy-related risk in patients on chronic hemodialysis. In *International Journal of Clinical Oncology*, 2019, vol. 24, no. 9, s. 1151-1160
- [1] (2020) CHEN, X. et al. Incidence, Risk, and Prognosis of Cancer in Patients on Chronic Hemodialysis. In *Blood Purification*, 2020, roč. 49, č. 3, s. 310-321.
- [1] (2020) CHIANG, J.C. et al. Lysophosphatidic acid receptors 2 and 3 regulate erythropoiesis at different hematopoietic stages. In *Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids*, 2020, vol. 1866, no. 1, art. no. 158818.
- [1] (2020) LIU, W. et al. Erythropoietin Signaling in the Microenvironment of Tumors and Healthy Tissues. In *Advances in Experimental Medicine and Biology*, 2020, roč. 1223, s. 17-30.
- [1] (2020) SANTONI, M. et al. Real-world data on cabozantinib in previously treated patients with metastatic renal cell carcinoma: Focus on sequences and prognostic factors. In *Cancers*, 2020, vol. 12, no. 1, art. no. 84.
- [1] (2020) SCHIESSL, I.M. The Role of Tubule-Interstitial Crosstalk in Renal Injury and Recovery. In *Seminars in Nephrology*, 2020, roč. 40, č. 2, s. 216-231.
- [1] (2020) TEO, G.-Y. et al. Effect of fetal bovine serum on erythropoietin receptor expression and viability of breast cancer cells. In *Saudi Journal of Biological Sciences*, 2020, roč. 27, 2, s. 653-658.
- [1] (2021) GUZMAN, N.A. , GUZMAN, D.E. Immunoaffinity capillary electrophoresis in the era of proteoforms, liquid biopsy and preventive medicine: A potential impact in the diagnosis and monitoring of disease progression. In *Biomolecules*, 11(10), art. no. 1443
- [1] (2021) VASILEVA, R., CHAPRAZOV, T. Preclinical studies on pleiotropic functions of erythropoietin on bone healing. In *Bulgarian Journal of Veterinary Medicine*, 2021, vol. 24, no. 1, s. 1-11.

Kategórie ohlasov od roku 2022: (31)

- [1] (2022) ABOUF, M.A. et al. Erythropoietin receptor regulates tumor mitochondrial biogenesis through iNOS and pAKT. In *Frontiers in Oncology*, 2022, vol. 12, art. no. 976961
- [1] (2022) BREITBART, W.S., ALICI, Y., KURZROK, M. Psychiatric aspects of care in the cancer patient. In *Neurological Complications of Systemic Cancer and Antineoplastic Therapy*. Amsterdam: Elsevier, 2022. pp. 565-585, ISBN 978-012821976-8.
- [1] (2022) CHAPRAZOV, T. et al. Diagnostic Imaging Studies on Local and Systemic Erythropoietin Application for Promoting Bone Regeneration in Rat Calvarial Defects. In *Veterinary Sciences*, 2022, vol. 9, no. 10, art. no. 578
- [1] (2022) HOFMANN, A. et al. Patient blood management in oncology in the Russian Federation: Resolution to improve oncology care. In *Journal of Cancer Policy*, 2022, vol. 31, art. no. 100315
- [1] (2022) LI, Z. et al. Human constitutive androstane receptor represses liver cancer development and hepatoma cell proliferation by inhibiting erythropoietin signaling. In *Journal of Biological Chemistry*, 2022, vol. 298, no. 5, art. no. 101885
- [1] (2022) SCHNEIDER, N. et al. Rational Approach to Finding Genes Encoding Molecular Biomarkers: Focus on Breast Cancer. In *Genes*, 2022, vol. 13, no. 9, art. no. 1538
- [1] (2023) LIN, J. et al. Study on the regulatory mechanism of erythropoietin in erythropoiesis in grass carp (*Ctenopharyngodon idella*). In *Aquaculture*, 2023, vol. 565, art. no. 739083
- [1] (2023) SARGUN, Artur - FISHER, Allison L. - WOLOCK, Anna S. - PHILLIPS, Sydney -

- SOJOODI, Mozhdah - KHANNA, Soumya - BABITT, Jodie L. - GALE, Eric M.. A Rationally Designed Complex Replenishes the Transferrin Iron Pool Directly and with High Specificity. In *Journal of the American Chemical Society*, 2023, roč. 145, č. 12, s. 6871-6879.
- [1] (2023) STUTZ, H. Advances and applications of capillary electromigration methods in the analysis of therapeutic and diagnostic recombinant proteins – A Review. In *Journal of Pharmaceutical and Biomedical Analysis*, 2023, vol. 222, art. no. 115089
- [1] (2024) ALYAMANY, R. et al. Let It Grow: The Role of Growth Factors in Managing Chemotherapy-Induced Cytopenia. In *Current Oncology*, 2024, roč. 31, č. 12, s. 8094-8109.
- [1] (2024) ALYAMANY, Ruah - ALNUGHMUSH, Ahmed - ALZAHIRANI, Hazzaa - ALFAYEZ, Mansour. Let It Grow: The Role of Growth Factors in Managing Chemotherapy-Induced Cytopenia. In *Current Oncology*, 2024, roč. 31, č. 12, s. 8094-8109.
- [1] (2024) MIGLIACCIO, Anna Rita. Erythropoietin: A Personal Alice in Wonderland Trip in the Shadow of the Giants. In *Biomolecules*, 2024, roč. 14, č. 4, 408
- [1] (2024) PEREZ-CARRANZA, G.A. et al. The Neuroprotective Effect of Erythropoietin on the Optic Nerve and Spinal Cord in Rats with Experimental Autoimmune Encephalomyelitis through the Activation of the Extracellular Signal-Regulated Kinase 1/2 Signaling Pathway. In *International Journal of Molecular Sciences*, 2024, vol. 25, no. 17, art. no. 9476
- [1] (2024) PÉREZ-CARRANZA, Gloria Aleida - GODÍNEZ-RUBÍ, Juliana Marisol - MÁRQUEZ-ROSALES, María Guadalupe - FLORES-SOTO, Mario Eduardo - BITZER-QUINTERO, Oscar Kurt - RAMÍREZ-ANGUIANO, Ana Cristina - RAMÍREZ-JIRANO, Luis Javier. The Neuroprotective Effect of Erythropoietin on the Optic Nerve and Spinal Cord in Rats with Experimental Autoimmune Encephalomyelitis through the Activation of the Extracellular Signal-Regulated Kinase 1/2 Signaling Pathway. In *International journal of molecular sciences*, 2024, roč. 25, č. 17, 9476
- [1] (2024) RIOJA, Patricia - REY-CARDENAS, M. - DE VELASCO, Guillermo. Targeting HIF-2 α and anemia: A therapeutic breakthrough for clear-cell renal cell carcinoma. In *Cancer treatment reviews*, 2024, roč. 129.
- [1] (2024) SARRABAYROUSE, Guillaume - JOULAIN, Corentin - BESSOLES, Stéphanie - CHIRON, Andrada S. - ABINA, Amine M. - HACEIN-BEY-ABINA, Salima. Erythropoietin supplementation induces dysbiosis of the gut microbiota and impacts mucosal immunity in a non-diseased mouse model. In *Frontiers in immunology*, 2024, roč. 15.
- [1] (2024) WAGNER, Nazgul - MUSIYCHUK, Konstantin - SHOJI, Yoko - TOTTEY, Stephen - STREATFIELD, Stephen J. - FISCHER, Rainer - YUSIBOV, Vidadi. Basic leucine zipper transcription activators – tools to improve production and quality of human erythropoietin in *Nicotiana benthamiana*. In *Biotechnology Journal*, 2024, roč. 19, č. 5.
- [1] (2025) ADAMS, Jarrett J. - BLAZER, Levi L. - CHUNG, Jacky - KARIMI, Minoo - DAVIDSON, Taylor - BRUCE, Heather A. - SINGER, Alexander U. - YANG, Ning - CARDARELLI, Lia - POT, Isabelle - COLOMBO, Luigi - HUANG, Lily Jun shen - MA, Yue - MICHNICK, Stephen W. - MOE, Orson W. - SIDHU, Sachdev S.. An asymmetric tetrabody is a potent and efficacious agonist of the erythropoietin receptor in vitro and in vivo. In *Protein Science*, 2025, roč. 34, č. 10.
- [1] (2025) CHIU, David Kung Chun - ZHANG, Xiangyue - CHENG, Bowie Yik Ling - LIU, Qiang - HAYASHI, Kazukuni - YU, Bo - LEE, Ryan - ZHANG, Catherine - AN, Xiuli - RAJADAS, Jayakumar - RETICKER-FLYNN, Nathan E. - RANKIN, Erinn B. - ENGLEMAN, Edgar G.. Tumor-derived erythropoietin acts as an immunosuppressive switch in cancer immunity. In *Science*, 2025, roč. 388, č. 6745, R3026
- [1] (2025) DAGHMOURI, Mohamed A. - COUTROT, Maxime - BAEKGAARD, Josefine - DUDOIGNON, Emmanuel - HAKKAKIAN, Kevin - PONSIN, Mathilde - CHERON-LEROY, Delphine - PIETRASZ, Daniel - GOERE, Diane - DEPRET, François - DENIAU, Benjamin. Perioperative management of patients undergoing cytoreductive surgery with hyperthermic intraperitoneal chemotherapy: a state of the art. In *Minerva Anestesiologica*, 2025, roč. 91, č. 12, s. 1205-1216.
- [1] (2025) KANG, Seok Hui - LIM, Yu Jeong - KIM, Bo Yeon - CHOI, Ji Young - DO, Jun Young. Effect of erythropoiesis-stimulating agent types on malignancy in hemodialysis patients. In *Clinical Kidney Journal*, 2025, roč. 18, č. 6, art. no. sfaf148
- [1] (2025) LIANG, Cuilv - WANG, Qiaohong - WANG, Peihong - ZHANG, Yin. Effect of erythropoiesis-stimulating agents on malignant neoplasms: FAERS database and Mendelian

- randomization. In Expert Review of Hematology, 2025, roč. 18, č. 3, s. 239-247.
- [1] (2025) MAHATTANASAKUL, Patnarin - RUANGRITCHANKUL, Komkrit - DILOKTAWEWATTANA, Areeya - BURANAPRADITKUN, Supranee - KITKUMTHORN, Nakarin. Plasma cytokine profiles in oral and oropharyngeal squamous cell carcinoma. In BMC Oral Health, 2025, roč. 25, č. 1.
- [1] (2025) WANG, Xudong - TAO, Yaqi - ZHOU, Jianhong - ZHANG, Jie - DING, Guoqing. Breaking the noninflamed barrier: tumor-secreted erythropoietin as a master regulator of immunosuppressive macrophages. In Journal of the National Cancer Center, 2025, roč. 5, č. 6, s. 558-560.
- [1] (2025) ZHOU, Zhiyuan - MA, Yuanyuan - WU, Tingting - XU, Tongtong - WU, Shengju - YANG, Guo Yuan - DING, Jing - WANG, Xin. A Novel Neuroprotective Derived Peptide of Erythropoietin Improved Cognitive Function in Vascular Dementia Mice. In Molecular Neurobiology, 2025, roč. 62, č. 5, s. 6014-6026.
- [1] (2026) CASTILLO-SANCHEZ, Rocio - ORDOÑEZ-MORENO, Alejandra - TORRES-ALAMILLA, Pablo - CORTES-REYNOSA, Pedro - QUEZADA, Hector - SALAZAR, Eduardo Perez. PI3K Activity Mediates the Epithelial to Mesenchymal Transition Process in MCF10A Cells and Tumor Growth and Metastasis in a Murine Model of Breast Cancer. In Molecular Carcinogenesis, 2026, roč. 65, č. 4, s. 434-447.
- [1] (2026) ECKARDT, Kai Uwe. EPO and tumor growth: the key is immunosuppression. In Kidney International, 2026, roč. 109, č. 2, s. 256-258.
- [1] (2026) HARTUNG, Theresa - FREYER, Dorette - ZEMELLA, Anne - RADBRUCH, Helena - WEINER, January - EL-DIN, Jasmin Jamal - MEISEL, Andreas - PRILLER, Josef. Non-hematopoietic erythropoietin splice variant is produced in the diseased human brain and confers neuroprotection. In Frontiers in cellular neuroscience, 2026, roč. 19.
- [1] (2026) KHAN, Muhammad Sarim Azad - CHAUDHARY, Asma - KHAN, Mirha Imran - AJAZ, Ibrahiem Azeem - KHALID, Arham - WAHEED, Aroosha - AMIN, Mohammed Hammad Jaber. Regional, demographic and temporal trends in anemia and malignant cancer-related mortality in U.S. older adults: a nationwide CDC WONDER analysis (1999–2020). In Frontiers in oncology, 2026, roč. 16.
- [1] (2026) NAVONE, Stefania Elena - MARFIA, Giovanni - GUARNACCIA, Laura - RIZZARO, Massimiliano - FIORE, Giorgio - CAMPANELLA, Rolando - GAUDINO, Chiara - SANTINI, Daniele - ALOTTA, Giovanni Andrea - MIOZZO, Monica Rosa - BARILLA, Emanuela - LOCATELLI, Marco - RIBONI, Laura. Revealing erythropoietin variant EV-3 as novel driving force and immunotherapeutic target in human glioblastoma. In Journal of experimental and clinical cancer research, 2026, roč. 45, č. 1.
- [1] (2026) VAN ALFEN, Siem J. - RAWEE, Pien - LUO, Li - NOLTE, Ilja M. - VAN DER VEGT, Bert - KOOTSTRA-ROS, Jenny E. - BAKKER, Stephan J.L. - GANSEVOORT, Ron T. - LINKS, Thera P. - ZANDEE, Wouter T. - EISENGA, Michele F.. Iron Status, Erythropoietin, and Cancer Incidence in the General Population. In European journal of clinical investigation, 2026, roč. 56, č. 5, 70218

SSEP 015695

- ADM2 Investigation of tumour supressor protein p53 in renal cell carcinoma patients / I. Hodorová... [et al.]. - Článok bol publikovaný aj v Biomedical Papers [elektronický zdroj], vol. 156 (2012), s. [1-6]. Dostupné na internete: <http://dx.doi.org/10.5507/bp.2012.035>. In: Biomedical papers. - ISSN 1213-8118. - Roč. 158, č. 1 (2014), s. 44-49. Projekt: Zmapovanie mechanizmov rezistencie nádorových buniek u karcinómu prsníka na všetkých úrovniach bunky za účelom zlepšenia terapie a prognózy ochorenia - VEGA 1/0388/08 ; Štúdium polymorfizmov génov a expresia proteínov ovplyvňujúcich prognózu a terapiu obličkového adenokarcinómu a nefroblastómu - VEGA 1/0925/11. 10.5507/bp.2012.035 DOI;DOI; SCOPUS; WOS; 2014 SJR=0,459; 2014 CiteScore=2,5; 2014 SNIP=0,956; **2014 IF=1.200; 2014 Q4(Medicine, research & experimental) JCR; 2014 Q2(Medicine (miscellaneous)) Scimago; 2014 Q2(Biochemistry, genetics and molecular biology (miscellaneous)) Scimago** [OV 180]; [HODOROVÁ, Ingrid (Autor, 60%) - SOLÁR, Peter (Autor, 10%) - MIHALIK, Jozef (Autor, 10%) - VECANOVÁ, Janka (Autor, 5%) - ADAMKOV, Marian (Autor, 5%) - RYBÁROVÁ, Silvia (Autor, 10%)]

Kategórie ohlasov do roku 2021: (5)

[1] (2015) KANKAYA, D., KIREMITCI, S., TULUNAY, O., BALTACI, S. Gelsolin, NF- κ B, and p53 expression in clear cell renal cell carcinoma: Impact on outcome. In Pathology Research and Practice, 2015, vol. 211, no. 7, s. 505-512.

[1] (2015) SONG, N. et al. MicroRNA-107 functions as a candidate tumor suppressor gene in renal clear cell carcinoma involving multiple genes. In Urologic Oncology: Seminars and Original Investigations, 2015, vol. 33, no. 5, s. 205e1-205e11.

[1] (2017) MIKO, M. et al. Ultrastructural changes of kidney in diabetic rats, In Bratislava Medical Journal, 2017, vol. 117, no. 3, s. 161-165

[1] (2017) RAZAFINJATOVO, C.F. et al. VHL missense mutations in the p53 binding domain show different effects on p53 signaling and HIF α degradation in clear cell renal cell carcinoma. In Oncotarget, 2017, vol. 8, no. 6, s. 10199-10212.

[2] (2016) MIKO, M., JAKUBOVSKY, J., VRABCOVA, M., VARGA, I. Ultrastructural changes of kidney in diabetic rats. In Bratislava Medical Journal -Bratislavské lekárske listy, 2016, vol. 117, no. 3, s. 161-165.

Kategórie ohlasov od roku 2022: (1)

[1] (2023) RADOVANOVIC, M. et al . P53 and survivin expression in renal cell carcinom. In Urology Annals, 2023, vol. 15, no. 2, pp. 186-190

MSEP 022112

ADM3 Far-western blotting as a solution to the non-specificity of the anti-erythropoietin receptor antibody / Barbora Fecková ... [et al.].

In: Oncology Letters. - ISSN 1792-1074. - Vol. 12, no. 2 (2016), s. 1575-1580.

10.3892/ol.2016.4782 DOI;DOI;

2016 WoS CCC **IF=1,390; 2016 Q4 (Oncology) JCR**

[OV 180];

[FECKOVÁ, Barbora (Autor, 20%) - KIMÁKOVÁ, Patrícia (Autor, 5%) - ILKOVIČOVÁ, Lenka (Autor, 5%) - SZENTPÉTERIOVÁ, Erika (Autor, 5%) - DEBELJAK, Nataša (Autor, 5%) - SOLÁROVÁ, Zuzana (Autor, 10%) - SAČKOVÁ, Veronika (Autor, 5%) - ŠEMELÁKOVÁ, Martina (Autor, 5%) - BHIDE, Mangesh, Ramesh (Autor, 5%) - SOLÁR, Peter (Autor, 35%)]

Kategórie ohlasov do roku 2021: (3)

[1] (2021) DAI, Pei - DENG, Xiangying - LIU, Peng - LI, Lingling - LUO, Dan - LIAO, Yating - ZENG, Yanhu. Mycoplasma genitalium protein of adhesion promotes the early proliferation of human urothelial cells by interacting with rpl35. In Pathogens, 2021, vol. 10, no. 11, art. no. 1449

[3] (2019) SUSIANTI, et al. Optimasi teknik western blot untuk deteksi ekspresi protein tanaman padi (Oryza sativa L.). In Jurnal Bioteknologi & Biosains Indonesia, 2019, vol. 6, no. 2. DOI:10.29122/jbbi.v6i2.3249

[3] (2021) YE, X., MA.Y. Meta analysis of the effect of recombinant human erythropoietin combined with iron in the treatment of senile hip fracture with perioperative anemia. In Int J Clin Exp Med, 2021, vol. 14, no. 9, s. 2259-2270

SSEP 016931

ADM4 Plant natural modulators in breast cancer prevention: status quo and future perspectives reinforced by predictive, preventive, and personalized medical approach / Soňa Uramová ... [et al.]. - Soňa Uramová and Peter Kubatka are co-first/equal Autorship.

In: EPMA Journal. - ISSN 1878-5077. - Roč. 9, č. 4 (2018), s. 403-419. Projekt: Hodnotenie protinádorových účinkov rastlinných funkčných potravín v modeli rakoviny prsníka - VEGA 1/0108/16 ; Molekulové mechanizmy antiproliferatívneho účinku chalkónov u nádorov mliečnej žľazy: in vitro štúdia - VEGA 1/0018/16 ; Úloha mikroRNA v karcinóme prsníka: biologický význam, cielené molekuly a signálne dráhy - APVV APVV-16-0021. 10.1007/s13167-018-0154-6 DOI;DOI; SCOPUS; WOS;

2018 IF=4.661; 2018 SJR=1,085; 2018 CiteScore=6,3; 2018 SNIP=1,208; 2018 Q1(Medicine, research & experimental) JCR; 2018 Q1(Biochemistry (medical)) Scimago; 2018 Q1(Drug discovery) Scimago; 2018 Q1(Health policy) Scimago

[OV 180];

[URAMOVÁ, Soňa (Autor, 20%) - KUBATKA, Peter (Korešpondenčný autor, 20%) -

DANKOVÁ, Zuzana (Autor, 8%) - KAPINOVÁ, Andrea (Autor, 7%) - ZOLÁKOVÁ, Barbora (Autor, 4%) - SAMEC, Marek (Autor, 4%) - ŽÚBOR, Pavol (Autor, 4%) - ZULLI, Anthony (Autor, 4%) - VALENTOVÁ, Vanda (Autor, 4%) - KWON, Taeg Kyu (Autor, 4%) - SOLÁR, Peter (Autor, 4%) - KELLO, Martin (Autor, 4%) - KAJO, Karol (Autor, 4%) - BÜSSELBERG, Dietrich (Autor, 3%) - PÉČ, Martin (Autor, 3%) - DANKO, Ján (Autor, 3%)]

Kategórie ohlasov do roku 2021: (12)

- [1] (2020) AKONE, Sergi Herve - NTIE-KANG, Fidele - STUHL DREIER, Fabian - EWONKEM, Monique Bassomo - NOAH, Alexandre Mboene - MOUELLE, Simon Eitel Misse - MÜLLER, Rolf. Natural Products Impacting DNA Methyltransferases and Histone Deacetylases. In *Frontiers in pharmacology*, 2020, roč. 11, č. článku 992
- [1] (2020) DESAI, Preshita - THUMMA, Naga Jyothi - WAGH, Pushkaraj Rajendra - ZHAN, Shuyu - ANN, David - WANG, Jeffrey - PRABHU, Sunil. Cancer Chemoprevention Using Nanotechnology-Based Approaches. In *Frontiers in pharmacology*, 2020, roč. 11, článok č. 323
- [1] (2020) DI SOTTO, Antonella - MANCINELLI, Romina - GULLÌ, Marco - EUFEMI, Margherita - MAMMOLA, Caterina Loredana - MAZZANTI, Gabriela - DI GIACOMO, Silvia. Chemopreventive potential of caryophyllane sesquiterpenes: An overview of preliminary evidence. In *Cancers*, 2020, roč. 12, č. 10, s. 1-49.
- [1] (2020) LU, Miaolong - CHEN, Wei - ZHUANG, Wei - ZHAN, Xianquan. Label-free quantitative identification of abnormally ubiquitinated proteins as useful biomarkers for human lung squamous cell carcinomas. In *EPMA Journal*, 2020, roč. 11, č. 1, s. 73-94.
- [1] (2020) NASIR, Ayesha - BULLO, Mir M.Hassan - AHMED, Zaheer - IMTIAZ, Aysha - YAQOOB, Eesha - JADOON, Mahpara - AHMED, Hajra - AFREEN, Asma - YAQOOB, Sanabil. Nutrigenomics: Epigenetics and cancer prevention: A comprehensive review. In *Critical reviews in food science and nutrition*, 2020, roč. 60, č. 8, s. 1375-1387.
- [1] (2020) NORATTO, Giuliana - LAYOSA, Marjorie A. - LAGE, Nara N. - ATIENZA, Liezl - IVANOV, Ivan - MERTENS-TALCOTT, Susanne U. - CHEW, Boon P.. Antitumor potential of dark sweet cherry sweet (*Prunus avium*) phenolics in suppressing xenograft tumor growth of MDA-MB-453 breast cancer cells. In *Journal of nutritional biochemistry*, 2020, č. 84, č. článku 108437
- [1] (2020) SILVA-IGUA, Liliana - DE LA PEÑA, Jairo - RUBIANO, Wilson - RUIZ-STERNBERG, Angela María. Premenopausal breast cancer is a health challenge: nutritional habits show potential to prevent this disease. In *Breast cancer*, 2020, roč. 14, s. 1-10.
- [1] (2021) MENG, Jie - SU, Rui - WANG, Luping - YUAN, Bo - LI, Ling. Inhibitory effect and mechanism of action (MOA) of hirsutine on the proliferation of T-cell leukemia Jurkat clone E6-1 cells. In *PeerJ*, 2021, roč. 9, č. 210715, art. no. e10692
- [1] (2021) REGAL, P. - FENTE, C. A. - CEPEDA, Alberto - SILVA, E. G.. Food and omics: unraveling the role of food in breast cancer development. In *Current Opinion in Food Science*, 2021, roč. 39, s. 197-207.
- [1] (2021) SWELLAM, Menha - SAAD, Entsar, A. - SABRY, Shima - DENEWER, Adel - MALAK, Camelia Abdel - ABOUZID, Amr. Alternations of PTEN and SMAD4 methylation in diagnosis of breast cancer : implications of methyl II PCR assay. In *Journal of Genetic Engineering and Biotechnology*, 2021, roč. 19, art. no. 54
- [1] (2021) VEKARIA, Mrudul - TIRGAR, Pravin. Promising Anticancer Potential of Herbal Compounds against Breast Cancer: A Systemic Review. In *Asian journal of pharmaceutical research and health care*, 2021, roč. 13, č. 2, s. 202-218.
- [3] (2019) SHARMA, A. Reversal of Hypermethylation in Tumor Suppressor Genes Using Phytochemicals in Cervical Cancer. In *European Journal of Medicinal Plants*, 2019, vol. 28, no. 2, s. 1-9.

Kategórie ohlasov od roku 2022: (16)

- [1] (2022) ANDRIJAUSKAITE, Kristina - WARGOVICH, Michael J.. Role of natural products in breast cancer related symptomology: Targeting chronic inflammation. In *Seminars in Cancer Biology*, 2022, roč. 80, s. 370-378.
- [1] (2022) BOCHENEK, Heidi - KRGA, Irena - SERGI, Domenico - KOUVARI, Matina - ZEC, Manja - NAUMOVSKI, Nenad. Dietary patterns, caloric restrictions for management of cardiovascular disease and cancer; a brief review. In *Reviews in Cardiovascular Medicine*, 2022, roč. 23, č. 1.

- [1] (2022) SAMANTA, Suman Kumar - CHOUDHURY, Paramita - SARMA, Partha Pratim - GOGOI, Bhaskarjyoti - GOGOI, Neelutpal - DEVI, Rajlakshmi. Dietary phytochemicals/nutrients as promising protector of breast cancer development: a comprehensive analysis. In *Pharmacological reports*, 2022, roč. 74, č. 4, s. 583-601.
- [1] (2023) AÇAR, Yasemin - AKBULUT, Gamze. Nutritional Epigenetics and Phytochemicals in Cancer Formation. In *Journal of the American Nutrition Association*, 2023, roč. 42, č. 7, s. 700-705.
- [1] (2023) AISWARYA, Sreekumar Usha Devi - BAVA, Smitha V.. Unveiling the potency of phyto-constituents to target TNBC: Mechanism to therapeutics. In *Therapeutic Drug Targets and Phytomedicine For Triple Negative Breast Cancer*. Potomac : Bentham Science Publishers, 2023. ISBN 9789815079784, S. 145-160.
- [1] (2023) BHUIA, Md Shimul - WILAIRATANA, Polrat - FERDOUS, Jannatul - CHOWDHURY, Raihan - BAPPI, Mehedi Hasan - RAHMAN, Md Anisur - MUBARAK, Mohammad S. - ISLAM, Muhammad Torequl. Hirsutine, an Emerging Natural Product with Promising Therapeutic Benefits: A Systematic Review. In *Molecules*, 2023, roč. 28, č. 16.
- [1] (2023) KOCABAS, Şule - SANLIER, Nevin. A comprehensive overview of the complex relationship between epigenetics, bioactive components, cancer, and aging. In *Critical reviews in food science and nutrition*, 2023, roč. 63, č. 19, s. 3333-3345.
- [1] (2023) THAKUR, Monika - KAPOOR, Bharat - KAPOOR, Dhriti - SHARMA, Neeta Raj. Lichens: A promising source of anti-cancerous activity and their molecular mechanisms. In *South African Journal of Botany*, 2023, roč. 159, s. 155-163.
- [1] (2024) MARTIN, Taniya Mary - KHALID, Jabir Padathpeedika - RADHAKRISHNAN, Vinodhini Priyanka - MURUGESAN, K. - SAMUTHIRAPANDI, Muniasamy - KUMAR, Meenakshi Sundaram Kishore. Harnessing Plant Bioactive Compounds for Anticancer Therapeutics: A Comprehensive Review. In *African Journal of Biological Sciences (South Africa)*, 2024, roč. 6, č. 5, s. 4909-4956.
- [1] (2024) RODRIGUES, Paul - BANGALI, Harun - HAMMOUD, Ahmad - MUSTAFA, Yasser Fakri - AL-HETTY, Hussein Riyadh Abdul Kareem - ALKHAFAJI, Adnan Taan - DEORARI, Maha Medha - AL-TAEE, Muataz Mohammed - ZABIBAH, Rahman S. - ALSALAMY, Ali. COX 2-inhibitors; a thorough and updated survey into combinational therapies in cancers. In *Medical oncology*, 2024, roč. 41, č. 1.
- [1] (2024) ZHANG, Huan - WANG, Haichao - QIN, Lin - LIN, Shuye. Garlic-derived compounds: Epigenetic modulators and their antitumor effects. In *Phytotherapy Research*, 2024, roč. 38, č. 3, s. 1329-1344.
- [1] (2025) BENDRIHEM, Khadra Afaf - MOUANE, Aicha - AZZI, Manel - MIHOUBI, Mohamed Aimene - ATANASSOVA, Maria - SAWICKA, Barbara - ZAHNIT, Wafa - MESSAOUDI, Mohammed. The Role of Medicinal Plants in Modulating Epigenetic Mechanisms: Implications for Cancer Prevention and Therapy. In *Phytotherapy Research*, 2025, roč. 39, č. 6, s. 2571-2608.
- [1] (2025) FERREIRA, Fernando Rodrigues Trindade - DO COUTO, Loena Marins. Explainable machine learning framework integrating PPPM for automated cytological triage and personalized breast cancer risk stratification. In *Network Modeling Analysis in Health Informatics and Bioinformatics*, 2025, roč. 14, č. 1, art. no. 167
- [1] (2025) HASHIM, Ghyda Murad - SHAHGOLZARI, Mehdi - HEFFERON, Kathleen - YAVARI, Afagh - VENKATARAMAN, Srividhya. Plant-Derived Anti-Cancer Therapeutics and Biopharmaceuticals. In *Bioengineering* [online] 2025, roč. 12, č. 1, art. no. 7 . Dostupné na internete <<https://www.mdpi.com/2306-5354/12/1/7>>
- [1] (2025) JEE, Krishna - GAUR, Rishabh - KADIAN, Jai Prakash - MEENU, Km - MURTAZA, Muhammad - VERMA, Sanjay Kumar - MALIK, Bharati - SHILPA, Km. A Review on Phytochemical Constituents used as Current Treatment Strategies for Neurodegenerative Disease. In *Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry*, 2025, roč. 24, č. 2, s. 75-83.
- [1] (2026) QIAN, Ruimiao - GE, Jun - FAN, Ni - SUN, Zheng - ZHAO, Chengcheng - SUN, Yujiao - LI, Yingpeng - LI, Yunfei - FU, Hui. Natural Products in Cancer Prevention and Therapy: Current Challenges and Future Directions. In *Medicine communications*, 2026, roč. 7, č. 2.

- ADM5 Methylation of the first exon in the erythropoietin receptor gene does not correlate with its mRNA and protein level in cancer cells [elektronický zdroj] / Barbora Fecková [...].
In: BMC Genetics. - ISSN 1471-2156. - Roč. 20, č. 1 (2019), s. 1-9, online. - Spôsob prístupu: <https://bmccgenet.biomedcentral.com/articles/10.1186/s12863-018-0706-8>. Projekt: Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15 ; Medicínsky univerzitný vedecký park v Košiciach (MediPark, Košice) - MŠVVaŠ SR ITMS 26220220185 ; Medicínsky univerzitný vedecký park v Košiciach (MediPark, Košice - Fáza II.) - MŠVVaŠ SR ITMS 313011D103. 10.1186/s12863-018-0706-8 DOI;DOI; SCOPUS; WOS;
2019 IF=2.567; 2019 SJR=1,008; 2019 CiteScore=5; 2019 SNIP=1,138; 2019 Q3(Genetics & heredity) JCR; 2019 Q2(Genetics) Scimago; 2019 Q2(Genetics (clinical)) Scimago
[OV 180];
[FECKOVÁ, Barbora (Autor, 25%) - KIMÁKOVÁ, Patrícia (Autor, 2%) - ILKOVIČOVÁ, Lenka (Autor, 2%) - SZENTPÉTERIOVÁ, Erika (Autor, 5%) - MACEJOVÁ, Mária (Autor, 10%) - KOŠUTH, Ján (Autor, 15%) - ZULLI, Anthony (Autor, 2%) - DEBELJAK, Nataša (Autor, 5%) - HUDLER, Petra (Autor, 5%) - JAŠEK, Karin (Autor, 5%) - KAŠUBOVÁ, Ivana (Autor, 2%) - KUBATKA, Peter (Autor, 2%) - SOLÁR, Peter (Autor, 20%)]
Kategórie ohlasov do roku 2021: (4)
[1] (2019) MABONGA, Lloyd - KAPPO, Abidemi Paul. Protein-protein interaction modulators: advances, successes and remaining challenges. In Biophysical Reviews, 2019, roč. 11, č. 4, s. 559-581.
[1] (2020) HE, Guiqin - ZHOU, Junhong - YANG, Xiaoli. Expression of the erythropoietin receptor in patients with proliferative diabetic retinopathy and its correlation with postoperative visual prognosis. In Annals of palliative medicine, 2020, roč. 9, č. 6, s. 4010-4016.
[1] (2020) LIU, Xiaoqing - TUFMAN, Amanda - BEHR, Juergen - KIEFL, Rosemarie - GOLDMANN, Torsten - HUBER, Rudolf M.. Role of the erythropoietin receptor in Lung Cancer cells: erythropoietin exhibits angiogenic potential. In Journal of Cancer, 2020, roč. 11, č. 20, s. 6090-6100.
[1] (2021) KREHEĽOVÁ, Andrea - KOVAŘÍKOVÁ, Veronika - DOMORÁKOVÁ, Iveta - SOLÁR, Peter - PASTORNICKÁ, Alena - PAVLIUK-KARACHEVTSEVA, Andriana - RYBÁROVÁ, Silvia - HODOROVÁ, Ingrid - MIHALIK, Jozef. Characterization of glutathione peroxidase 4 in rat oocytes, preimplantation embryos, and selected maternal tissues during early development and implantation. In International journal of molecular sciences, 2021, roč. 22, č. 10, s. 1-17, art. no. 5174
Kategórie ohlasov od roku 2022: (1)
[1] (2023) CHEN, Di - ZHANG, Bo - KANG, Kui - LI, Li Kun - LIAO, Yuan - QING, Sheng - DI, Ya Nan. Development of a prognostic model for personalized prediction of colon adenocarcinoma (COAD) patient outcomes using methylation-driven genes. In Journal of Applied Genetics, 2023, roč. 64, č. 4, s. 713-721.

SSEP 019869

- ADM6 Anticancer potential of lichens' secondary metabolites [elektronický zdroj] /
In: Biomolecules. - ISSN 2218-273X. - Roč. 10, č. 1 (2020), art. no. 87, s. [1-31], online. - Spôsob prístupu: <https://www.scopus.com/record/display.uri?eid=2-s2.0-85078015336&origin=resultslist>. Projekt: Úloha erytropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19. 10.3390/biom10010087 DOI;DOI; SCOPUS; WOS;
2020 IF=4,879; 2020 SNIP=1,108; 2020 SJR=1,125; 2020 CiteScore=3,2; 2020 AIS=1.041; 2020 Q2(Biochemistry & molecular biology) JCR; 2020 Q2(Biochemistry) Scimago; 2020 Q2(Molecular biology) Scimago; 2020 Q2(Biochemistry & molecular biology) AIS
[OV 180];
[SOLÁROVÁ, Zuzana (Autor, 30%) - MAZURÁKOVÁ, Alena (Autor, 16%) - SAMEC, Marek (Autor, 16%) - KUBATKA, Peter (Autor, 16%) - BÜSSELBERG, Dietrich (Autor, 3%) - SOLÁR, Peter (Korešpondenčný autor, 19%)]
Kategórie ohlasov do roku 2021: (29)
[1] (2020) ASHRAFIZADEH, Milad - ZARRABI, Ali - HASHEMI, Farid - MOGHADAM, Ebrahim Rahmani - HASHEMI, Fardin - ENTEZARI, Maliheh - HUSHMANDI, Kiavash -

MOHAMMADINEJAD, Reza - NAJAFI, Masoud. Curcumin in cancer therapy: A novel adjunct for combination chemotherapy with paclitaxel and alleviation of its adverse effects. In *Life Sciences*, 2020, č. 256, s. 1-12, č. článku 117984

[1] (2020) ASHRAFIZADEH, Milad - ZARRABI, Ali - HASHEMIPOUR, Maryam - VOSOUGH, Massoud - NAJAFI, Masoud - SHAHINOZZAMAN, Md - HUSHMANDI, Kiavash - KHAN, Haroon - MIRZAEI, Hamed. Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. In *Pharmacological research*, 2020, č. 160, č. článku 105199

[1] (2020) ASHRAFIZADEH, Milad - ZARRABI, Ali - HUSHMANDI, Kiavash - HASHEMI, Farid - MOGHADAM, Ebrahim Rahmani - RAEI, Mehdi - KALANTARI, Mahshad - TAVAKOL, Shima - MOHAMMADINEJAD, Reza - NAJAFI, Masoud - TAY, Franklin R. - MAKVANDI, Pooyan. Progress in Natural Compounds/siRNA Co-delivery Employing Nanovehicles for Cancer Therapy. In *ACS combinatorial science*, 2020, roč. 22, č. 12, s. 669-700.

[1] (2020) DÍAZ, E. M. - ZAMORA, J. C. - RUIBAL, C. - DIVAKAR, P. K. - GONZÁLEZ-BENÍTEZ, N. - LE DEVEHAT, F. - CHOLLET, M. - FERRON, S. - SAUVAGER, A. - BOUSTIE, J. - CRESPO, A. - MOLINA, M. C.. Axenic culture and biosynthesis of secondary compounds in lichen symbiotic fungi, the Parmeliaceae. In *Symbiosis*, 2020, roč. 82, s. 79-93.

[1] (2020) NUGRAHA, Ari Satia - TRIATMOKO, Bawon - WANGCHUK, Phurpa - KELLER, Paul A.. Vascular epiphytic medicinal plants as sources of therapeutic agents: Their ethnopharmacological uses, chemical composition, and biological activities. In *Biomolecules*, 2020, roč. 10, č. 2.

[1] (2020) ÖZBEN, R. - CANSARAN-DUMAN, D.. The expression profiles of apoptosis-related genes induced usnic acid in SK-BR-3 breast cancer cell. In *Human & Experimental Toxicology* [online] 2020, roč. 39, č. 11, s. 1497-1506.

[1] (2021) AOUSSAR, Noura - ACHMIT, Mohamed - ES-SADEQY, Youness - VASILJEVIĆ, Perica - RHALLABI, Naima - AIT MHAND, Rajaa - ZEROUALI, Khalid - MANOJLOVIĆ, Nedeljko - MELLOUKI, Fouad. Phytochemical constituents, antioxidant and antistaphylococcal activities of *Evernia prunastri* (L.) Ach., *Pseudevernia furfuracea* (L.) Zopf. and *Ramalina farinacea* (L.) Ach. from Morocco. In *Archives of microbiology*, 2021, s. 2887-2894.

[1] (2021) CANSARAN-DUMAN, D. - GUNEY ESKILER, Gamze - COLAK, Betul - SOZEN KUCUKKARA, Elif. Vulpinic acid as a natural compound inhibits the proliferation of metastatic prostate cancer cells by inducing apoptosis. In *Molecular Biology Reports*, 2021, roč. 48, č. 8, s. 6025-6034.

[1] (2021) CANSARAN-DUMAN, D. - YANGIN, Sevcin - COLAK, Betul. The role of vulpinic acid as a natural compound in the regulation of breast cancer-associated miRNAs. In *Biological Research*, 2021, roč. 54, č. 1, art.no. 37

[1] (2021) CARA, Maria del Pilar - MAR, Diana Judith - CON, Elena Alicia - DE LEO, Olaf - VIVEROS-VA, Ezequiel. Antibacterial and Enzyme Inhibition Capacities of Peruvian Lichens: *Xanthoparmelia tasmanica* and *Flavopunctelia flaventior*. In *International Journal of Pharmacology*, 2021, roč. 17, č. 8, s. 606-610.

[1] (2021) CHAE, Hae Jung - KIM, Geum Jin - DESHAR, Barsha - KIM, Hyun Jin - SHIN, Min Ji - KWON, Hyukbeon - YOUN, Ui Joung - NAM, Joo Won - KIM, Sung Hak - CHOI, Hyukjae - SUH, Sung Suk. Anticancer activity of 2-o-caffeoyl aliphatic acid extracted from the lichen, *usnea barbata* 2017-kl-10. In *Molecules*, 2021, roč. 26, č. 13, art. no. 3937

[1] (2021) DÍAZ-REINOSO, Beatriz - RODRÍGUEZ-GONZÁLEZ, Ismael - DOMÍNGUEZ, Herminia. Towards greener approaches in the extraction of bioactives from lichens. In *Reviews in Environmental Science and Biotechnology*, 2021, roč. 20, č. 4, s. 917-942.

[1] (2021) EMSEN, Bugrahan - SADI, Gokhan - BOSTANCI, Aykut - GURSOY, Nuray - EMSEN, Ayca - ASLAN, Ali. Evaluation of the biological activities of olivetoric acid, a lichen-derived molecule, in human hepatocellular carcinoma cells. In *Rendiconti Lincei*, 2021, roč. 32, č. 1, s. 135-148.

[1] (2021) GALINATO, - BUNGIHAN, M.E. - SANTIAGO, K.A.A. - SANGVICHIAN, E. - DELA CRUZ, T.E.E.. Antioxidant activities of fungi inhabiting *Ramalina peruviana*: insights on the role of endolichenic fungi in the lichen symbiosis. In *Current research in environmental and applied mycology*, 2021, roč. 11, č. 1, s. 119-136.

[1] (2021) GANDHI, Arumugam Dhanesh - MIRACLIN, Prasanna A. - ABILASH, Doraiah -

- SATHIYARAJ, Sivaji - VELMURUGAN, Rajendran - ZHANG, Yang - SOONTARAPA, Khantong - SEN, Priyankar - SRIDHARAN, T. B.. Nanosilver reinforced *Parmelia sulcata* extract efficiently induces apoptosis and inhibits proliferative signalling in MCF-7 cells. In *Environmental Research*, 2021, roč. 199, art. no.111375
- [1] (2021) HAMIDA, Reham Samir - ALI, Mohamed Abdelaal - ABDELMEGUID, Nabila Elsayed - AL-ZABAN, Mayasar Ibrahim - BAZ, Lina - BIN-MEFERIJ, Mashael Mohammed. Lichens—a potential source for nanoparticles fabrication: A review on nanoparticles biosynthesis and their prospective applications. In *Journal of Fungi*, 2021, roč. 7, č. 4, art. no. 291
- [1] (2021) KELLO, Martin - KURUC, Tomáš - PETROVÁ, Klaudia - GOGA, Michal - MICHALOVÁ, Zuzana - ČOMA, Matúš - RUČOVÁ, Dajana - MOJŽIŠ, Ján. Pro-Apoptotic Potential of *Pseudevernia furfuracea* (L.) Zopf Extract and Isolated Physodic Acid in Acute Lymphoblastic Leukemia Model In Vitro. In *Pharmaceutics* [online] 2021, roč. 13, č. 12, s. 1-18, art. no. 2173 . Dostupné na internete <<https://www.mdpi.com/1999-4923/13/12/2173>>
- [1] (2021) KERBOUA, Marwa - AHMED, Monia Ali - SAMBA, Nsevolo - AITFELLA-LAHLOU, Radhia - SILVA, Lucia - BOYERO, Juan F. - RAPOSO, Cesar - LOPEZ RODILLA, Jesus Miguel. Phytochemical Investigation of New Algerian Lichen Species: *Physcia Mediterranea* Nimis. In *Molecules*, 2021, roč. 26, č. 4, art. no. 1121
- [1] (2021) MAULIDIYAH, Maulidiyah - DARMAWAN, Akhmad - USMAN, Usman - MUSDALIFAH, Andi - SALIM, La Ode Agus - NURDIN, Muhammad. Antioxidant activity of secondary metabolite compounds from lichen *teloschistes flavicans*. In *Biointerface research in applied chemistry*, 2021, roč. 11, č. 6, s. 13878-13884.
- [1] (2021) MIRZAEI, Sepideh - ZARRABI, Ali - ASNAF, Sholeh Etehad - HASHEMI, Farid - ZABOLIAN, Amirhossein - HUSHMANDI, Kiavash - RAEI, Mehdi - GOHARRIZI, Mohammad Ali Sheikh Beig - MAKVANDI, Pooyan - SAMARGHANDIAN, Saeed - NAJAFI, Masoud - ASHRAFIZADEH, Milad - AREF, Amir Reza - HAMBLIN, Michael R.. The role of microRNA-338-3p in cancer: growth, invasion, chemoresistance, and mediators. In *Life Sciences*, 2021, č. 268, Art. no. 119005
- [1] (2021) PANT, Ragini - JOSHI, Amit - JOSHI, Tanuja - MAITI, Priyanka - NAND, Mahesha - JOSHI, Tushar - PANDE, Veena - CHANDRA, Subhash. Identification of potent Antigen 85C inhibitors of *Mycobacterium tuberculosis* via in-house lichen library and binding free energy studies Part-II. In *Journal of Molecular Graphics & Modelling*, 2021, roč. 103, art. no. 107822
- [1] (2021) POPOVICI, Violeta - BUCUR, Laura - VOCHITA, Gabriela - GHERGHEL, Daniela - MIHAI, Cosmin Teodor - RAMBU, Dan - CALCAN, Suzana Ioana - COSTACHE, Teodor - CUCOLEA, Iulia Elena - MATEI, Elena - BADEA, Florin Ciprian - CARAIANE, Aureliana - BADEA, Victoria. In vitro anticancer activity and oxidative stress biomarkers status determined by *usnea barbata* (L.) f.h. wigg. dry extracts. In *Antioxidants*, 2021, roč. 10, č. 7, art. no. 1141
- [1] (2021) POPOVICI, Violeta - MATEI, Elena - COZARU, Georgeta Camelia - ASCHIE, Mariana - BUCUR, Laura - RAMBU, Dan - COSTACHE, Teodor - CUCOLEA, Iulia Elena - VOCHITA, Gabriela - GHERGHEL, Daniela - CARAIANE, Aureliana - BADEA, Victoria. Usnic acid and *usnea barbata* (L.) F.H. wigg. dry extracts promote apoptosis and DNA damage in human blood cells through enhancing ROS levels. In *Antioxidants*, 2021, roč. 10, č. 8, art. no. 1171
- [1] (2021) ŚLUSARCZYK, Joanna - ADAMSKA, Edyta - CZERWIK-MARCINKOWSKA, Joanna. Fungi and algae as sources of medicinal and other biologically active compounds: A review. In *Nutrients*, 2021, roč. 13, č. 9, art. no. 3178
- [1] (2021) STUDZIŃSKA-SROKA, Elżbieta - MAJCHRZAK-CELIŃSKA, Aleksandra - ZALEWSKI, Przemysław - SZWAJGIER, Dominik - BARANOWSKA-WÓJCIK, Ewa - KAPROŃ, Barbara - PLECH, Tomasz - ŻAROWSKI, Marcin - CIELECKA-PIONTEK, Judyta. Lichen-derived compounds and extracts as biologically active substances with anticancer and neuroprotective properties. In *Pharmaceutics*, 2021, roč. 14, č. 12.
- [1] (2021) STUDZIŃSKA-SROKA, Elżbieta - MAJCHRZAK-CELIŃSKA, Aleksandra - ZALEWSKI, Przemysław - SZWAJGIER, Dominik - BARANOWSKA-WÓJCIK, Ewa - ŻAROWSKI, Marcin - PLECH, Tomasz - CIELECKA-PIONTEK, Judyta. Permeability of hypogymnia physodes extract component—physodic acid through the blood–brain barrier as an important argument for its anticancer and neuroprotective activity within the central nervous system. In *Cancers*, 2021, roč. 13, č. 7, art. no. 1717

- [1] (2021) ULUS, Gönül. Antiangiogenic properties of lichen secondary metabolites. In *Phytotherapy Research*, 2021, s. 3046-3058.
- [1] (2021) WANG, Dongpeng - WANG, Xian He - YU, Xiongjie - CAO, Fengjun - CAI, Xiaojun - CHEN, Ping - LI, Minglun - FENG, Yibin - LI, Hongliang - WANG, Xuanbin. Pharmacokinetics of Anthraquinones from Medicinal Plants. In *Frontiers in Pharmacology*, 2021, roč. 12, art. no. 638993
- [1] (2021) ZHAO, Yingshu - WANG, Mingfu - XU, Baojun. A comprehensive review on secondary metabolites and health-promoting effects of edible lichen. In *Journal of Functional Foods*, 2021, roč. 80, art. no. 104283
- Kategórie ohlasov od roku 2022: (105)
- [1] (2022) ADENUBI, Olubukola Tolulope - FAMUYIDE, Ibukun Michael - MCGAW, Lyndy J. - ELOFF, Jacobus Nicolaas. Lichens: An update on their ethnopharmacological uses and potential as sources of drug leads. In *Journal of Ethnopharmacology*, 2022, č. 298, art. no. 115657
- [1] (2022) AKAWA, Oluwole B. - SOREMEKUN, Opeyemi S. - OLOTU, Fisayo A. - SOLIMAN, Mahmoud E.S.. Piecing the Fragments Together: Dynamical Insights into the Enhancement of BRD4-BD1 (BET Protein) Druggability in Cancer Chemotherapy Using Novel 8-methyl-pyrrolo[1,2-a]pyrazin-1(2H)-one Derivatives. In *Current pharmaceutical biotechnology*, 2022, roč. 23, č. 3, s. 444-456.
- [1] (2022) BHAT, N. B. - JOSEPH, A. - HARIHARAPURA, R. C. - PAUL, A. - NARASIMHAN, S. - NAYAKA, S. - SUBRAMANYA, S. K. - BIRANGAL, S. R. - SHENOY, G. G.. In-vitro ANTICANCER ACTIVITY OF LICHEN *Heterodermia boryi* AND ITS SECONDARY METABOLITES. In *Rasayan Journal of Chemistry*, 2022, roč. 15, č. 4, s. 2885-2892.
- [1] (2022) BIRADAR, Shanthagoud - RAMYA, R. - SANKARANARAYANAN, A.. Mycobionts interactions in lichen. In *Microbial Symbionts: Functions and Molecular Interactions on Host*. Amsterdam : Elsevier, 2022. ISBN 9780323993340, S. 215-233.
- [1] (2022) COLAK, Betül - CANSARAN-DUMAN, Demet - ESKILER, Gamze Guney - FOLDES, Katalin - YANGIN, Sevcan. Usnic acid-induced programmed cell death in ovarian cancer cells. In *Rendiconti Lincei*, 2022, roč. 33, č. 1, s. 143-152.
- [1] (2022) DAR, Tanvir Ul Hassan - DAR, Sajad Ahmad - ISLAM, Shahid Ul - MANGRAL, Zahid Ahmed - DAR, Rubiya - SINGH, Bhim Pratap - VERMA, Pradeep - HAQUE, SHAFIUL. Lichens as a repository of bioactive compounds: an open window for green therapy against diverse cancers. In *Seminars in Cancer Biology*, 2022, č. 86, s. 1120-1137.
- [1] (2022) EGBERT, Susan - HOFFMAN, Jordan R. - MCMULLIN, R. Troy - LENDEMER, James C. - SORENSEN, John L.. Unraveling usnic acid: a comparison of biosynthetic gene clusters between two reindeer lichen (*Cladonia rangiferina* and *C. uncialis*). In *Fungal Biology*, 2022, roč. 126, s. 697-706.
- [1] (2022) FLIEGEL, Lukas - CHRISTOFFERS, Jens. Synthesis of Annulated Benzofuran Derivatives from α -(Iodophenyl)- β -oxoesters. In *Organic Letters*, 2022, roč. 24, č. 46, s. 8526-8530.
- [1] (2022) FURMANEK, Łukasz - CZARNOTA, Paweł - SEAWARD, Mark R.D.. Effects of lichen homogenates, mixtures of extracted substances and secondary metabolites on macromycetes – a critical review. In *South African Journal of Botany*, 2022, roč. 149, s. 559-571.
- [1] (2022) FURMANEK, Łukasz - CZARNOTA, Paweł - SEAWARD, Mark R.D.. The effect of lichen secondary metabolites on *Aspergillus* fungi. In *Archives of microbiology*, 2022, roč. 204, č. 1.
- [1] (2022) JEONG, Geum Seok - LEE, Eun Young - KANG, Myung Gyun - NAM, Sang Jip - PARK, Daeui - KIM, Hoon. (S)-5-Methylmellein Isolated from an Endogenous Lichen Fungus *Rosellinia corticium* as a Potent Inhibitor of Human Monoamine Oxidase A. In *Processes*, 2022, roč. 10, č. 1.
- [1] (2022) KALIN, Şeyda Nur - ALTAY, Ahmet - BUDAK, Harun. Diffraitaic acid, a novel TrxR1 inhibitor, induces cytotoxicity, apoptosis, and antimigration in human breast cancer cells. In *Chemico-Biological Interactions*, 2022, č. 361, art. no. 109984
- [1] (2022) KARAGÖZ, Yalçın - KARAGÖZ, Berna Öztürk. Lichens in Pharmacological Action: What Happened in the Last Decade?. In *The Eurasian journal of medicine*, 2022, č. 54, s. 195-

208.

- [1] (2022) KOCOVIĆ, Aleksandar - JEREMIC, Jovana - BRADIC, Jovana - SOVRLIC, Miroslav - TOMOVIC, Jovica - VASILJEVIĆ, Perica - ANDJIC, Marijana - DRAGINIC, Nevena - GRUJOVIC, Mirjana - MLADENOVIC, Katarina - BASKIC, Dejan - POPOVIC, Suzana - MATIC, Sanja - ZIVKOVIC, Vladimir - JEREMIC, Nevena - JAKOVLJEVIC, Vladimir - MANOJLOVIĆ, Nedeljko. Phytochemical Analysis, Antioxidant, Antimicrobial, and Cytotoxic Activity of Different Extracts of *Xanthoparmelia stenophylla* Lichen from Stara Planina, Serbia. In *Plants-Basel*, 2022, roč. 11, č. 13, art. no. 1624
- [1] (2022) KOSANIC, M. - RANKOVIC, B. - RISTIC, S. - STANOJKOVIC, T. - VASILJEVIC, P. - MANOJLOVIC, N.. Phytochemical and biological characterization of acetone extracts from the lichen *Cladonia coniocraea* and *Cladonia ramulosa* growing in Serbia. In *Digest Journal of Nanomaterials and Biostructures*, 2022, roč. 17, č. 3, s. 1079-1087.
- [1] (2022) MAJCHRZAK-CELIŃSKA, Aleksandra - KLESZCZ, Robert - STUDZIŃSKA-SROKA, Elżbieta - ŁUKASZYK, Agnieszka - SZOSZKIEWICZ, Anna - STELCER, Ewelina - JOPEK, Karol - RUCINSKI, Marcin - KRAJKA-KUŻNIAK, Violetta - CIELECKA-PIONTEK, Judyta. Lichen Secondary Metabolites Inhibit the Wnt/ β -Catenin Pathway in Glioblastoma Cells and Improve the Anticancer Effects of Temozolomide. In *Cells*, 2022, roč. 11, č. 7, art. no. 1084
- [1] (2022) MAULIDIYAH, Maulidiyah - DARMAWAN, Akhmad - WAHYU, Wahyu - MUSDALIFAH, Andi - SALIM, La Ode Agus - NURDIN, Muhammad. Potential of Usnic Acid Compound from Lichen Genus *Usnea* sp. as Antidiabetic Agents. In *Journal of Oleo Science*, 2022, roč. 71, č. 1, s. 127-134.
- [1] (2022) MOHAMMADI, Mahshid - ZAMBARE, Vasudeo - SUNTRES, Zacharias - CHRISTOPHER, Lew. Isolation, Characterization, and Breast Cancer Cytotoxic Activity of Gyrophoric Acid from the Lichen *Umbilicaria muhlenbergii*. In *Processes*, 2022, roč. 10, č. 7, art. no. 1361
- [1] (2022) NAEEM, Muhammad - IQBAL, Muhammad Omer - KHAN, Humaira - AHMED, Muhammad Masood - FAROOQ, Muhammad - AADIL, Muhammad Moeen - JAMALUDIN, Mohamad Ikhwani - HAZAFA, Abu - TSAI, Wan-Chi. A Review of Twenty Years of Research on the Regulation of Signaling Pathways by Natural Products in Breast Cancer. In *Molecules*, 2022, roč. 27, č. 11, art. no. 3412
- [1] (2022) ŠEKLIĆ, Dragana S. - JOVANOVIĆ, Milena M. - VIRIJEVIĆ, Katarina D. - GRUJIĆ, Jelena N. - ŽIVANOVIĆ, Marko N. - MARKOVIĆ, Snežana D.. *Pseudevernia furfuracea* inhibits migration and invasion of colorectal carcinoma cell lines. In *Journal of Ethnopharmacology*, 2022, roč. 284.
- [1] (2022) SHAKOUR, Zeinab T. - FARAG, Mohamed A.. Diverse host-associated fungal systems as a dynamic source of novel bioactive anthraquinones in drug discovery: Current status and future perspectives. In *Journal of Advanced Research*, 2022, roč. 39, s. 257-273.
- [1] (2022) SRIMANI, Soumi - SCHMIDT, Cosima Xenia - GOMEZ-SERRANILLOS, Maria Pilar - OSTER, Henrik - DIVAKAR, Pradeep K.. Modulation of Cellular Circadian Rhythms by Secondary Metabolites of Lichens. In *Frontiers in Cellular Neuroscience*, 2022, roč. 16, art. no. 907308
- [1] (2022) TÜRKMEŇOĞLU, I. - TOKSÖZ, O. - BERBER, D. - ÇAĞLAYAN, P. - BIRBIR, M. - SESAL, N. C.. Antibacterial Properties of Several Lichen Extracts Two Moderately Halophilic Bacteria from Salted Sheepskins. In *The Journal of American Leather Chemists Association*, 2022, roč. 117, č. 4, s. 153-163.
- [1] (2022) TURKMENOĞLU, - TOKSOZ, O. - BERBER, D. - CAGLAYAN, P. - BIRBIR, M. - SESAL, N. C.. Antibacterial Properties of Several Lichen Extracts against Two Moderately Halophilic Bacteria from Salted Sheepskins. In *The Journal of American Leather Chemists Association*, 2022, roč. 117, č. 4, s. 153-163.
- [1] (2022) UREÑA-VACAS, Isabel - GONZÁLEZ-BURGOS, Elena - DIVAKAR, P. K. - GÓMEZ-SERRANILLOS, M. Pilar. Lichen Depsidones with Biological Interest. In *Planta Medica*, 2022, roč. 88, č. 11, s. 855-880.
- [1] (2022) VASARRI, Marzia - PONTI, Linda - DEGL'INNOCENTI, Donatella - BERGONZI, Maria Camilla. Usnic Acid-Loaded Polymeric Micelles: An Optimal Migrastatic-Acting Formulation in Human SH-SY5Y Neuroblastoma Cells. In *Pharmaceuticals*, 2022, roč. 15, č. 10.
- [1] (2023) AHMAD, Nadim - RITZ, Manfred - CALCHERA, Anjuli - OTTE, Juergen - SCHMITT, Imke - BRUECK, Thomas - MEHLMER, Norbert. Biosynthetic Potential of

- Hypogymnia Holobionts: Insights into Secondary Metabolite Pathways. In *Journal of Fungi*, 2023, roč. 9, č. 5, art. no. 546
- [1] (2023) AHMAD, Nadim - RITZ, Manfred - CALCHERA, Anjuli - OTTE, Jürgen - SCHMITT, Imke - BRUECK, Thomas - MEHLMER, Norbert. Biosynthetic gene cluster synten: Orthologous polyketide synthases in *Hypogymnia physodes*, *Hypogymnia tubulosa*, and *Parmelia sulcata*. In *MicrobiologyOpen*, 2023, roč. 12, č. 5, art. no. e1386
- [1] (2023) ARTIUSHENKO, Olena - ZAITSEV, Volodymyr. Competing ligand exchange-solid phase extraction method of polyphenols from wine. In *Microchemical Journal*, 2023, roč. 191, art. no. 108917
- [1] (2023) BELL-DOYON, Philip. Checklist of Lichens and Associated Fungi from Mingan Archipelago National Park Reserve, Quebec, Canada. In *Northeastern Naturalist*, 2023, roč. 30, č. 3, s. 304-328.
- [1] (2023) EFTEKHARI, Mahdiah - SOHRABI, Mohammad - KAHNAMOEI, Majid Balaei - OSKOU, Fatemeh - ABD SHAHZADEH, Helia - MANSOURIAN, Mahboubeh - SAEEDI, Mina - ARDEKANI, Mohammad Reza Shams - AKBARZADEH, Tahmineh - KHANAVI, Mahnaz. Lichenochemical Analysis and Cytotoxicity of *Diploschistes ocellatus* (Fr.) Norman. In *Research Journal of Pharmacognosy*, 2023, roč. 10, č. 2, s. 1-8.
- [1] (2023) GAMAGE, Chathurika D.B. - KIM, Jeong Hyeon - YANG, Yi - TAŞ, İsa - PARK, So Yeon - ZHOU, Rui - PULAT, Sultan - VARLI, Mucahit - HUR, Jae Seoun - NAM, Sang Jip - KIM, Hangu. Libertellenone T, a Novel Compound Isolated from Endolichenic Fungus, Induces G2/M Phase Arrest, Apoptosis, and Autophagy by Activating the ROS/JNK Pathway in Colorectal Cancer Cells. In *Cancers*, 2023, roč. 15, č. 2.
- [1] (2023) GIMŁA, Mariola - PYRCZAK-FELCZYKOWSKA, Agnieszka - MALINOWSKA, Marcelina - HAĆ, Aleksandra - NARAJCZYK, Magdalena - BYLIŃSKA, Irena - REEKIE, Tristan A. - HERMAN-ANTOSIEWICZ, Anna. The pyrazole derivative of usnic acid inhibits the proliferation of pancreatic cancer cells in vitro and in vivo. In *Cancer Cell International*, 2023, roč. 23, č. 1, art. no. 210
- [1] (2023) GÜNAYDIN, Şükran - SULUKOĞLU, Emine Karaca - KALIN, Şeyda Nur - ALTAY, Ahmet - BUDAK, Harun. Diffraction acid exhibits thioredoxin reductase 1 inhibition in lung cancer A549 cells. In *Journal of applied toxicology*, 2023, roč. 43, č. 11, s. 1676-1685.
- [1] (2023) KALIN, Şeyda Nur - ALTAY, Ahmet - BUDAK, Harun. Effect of evernic acid on human breast cancer MCF-7 and MDA-MB-453 cell lines via thioredoxin reductase 1: A molecular approach. In *Journal of applied toxicology*, 2023.
- [1] (2023) KELLO, Martin - GOGA, Michal. Lichen, *Pseudevernia furfuracea* (L.) Zopf : Analytical Compositional Features, Biological Activity and Use in Cancer Studies. In *Ancient and Traditional Foods, Plants, Herbs and Spices used in Cancer*. Boca Raton : CRC Press, 2023. ISBN 978-1-032-19253-6, S. 281-296.
- [1] (2023) KELLO, Martin - GOGA, Michal - KOTOROVA, Klaudia - ŠEBOVÁ, Dominika - FRENÁK, Richard - TKÁČIKOVÁ, Ľudmila - MOJŽIŠ, Ján. Screening evaluation of antiproliferative, antimicrobial and antioxidant activity of lichen extracts and secondary metabolites in vitro. In *Plants-Basel* [online] 2023, roč. 12, č. 3, s. 1-13, art. no. 611 . Dostupné na internete <<https://www.mdpi.com/2223-7747/12/3/611>>
- [1] (2023) KUMARI, Madhuree - KAMAT, Siya - SINGH, Sandeep Kumar - KUMAR, Ajay - JAYABASKARAN, C.. Inhibition of Autophagy Increases Cell Death in HeLa Cells through Usnic Acid Isolated from Lichens. In *Plants-Basel*, 2023, roč. 12, č. 3, art. no. 519
- [1] (2023) NAAMA, Amal - AGHOUTANE, Basma - MONFALOUTI, Hanae El - KARTAH, Badr Eddine. Solvent Effect on Total Phenolic Content, Total Flavonoids Content, and the Antioxidant Activity of *Ramalina lacera* and *Evernia prunastri* Lichens Collected from the Trunks of *Argania spinosa* L.. In *Ecological Engineering and Environmental Technology*, 2023, roč. 24, č. 9, s. 183-190.
- [1] (2023) NOROUZI, Hooman - SOHRABI, Mohammad - YOUSEFI, Masoud - BOUSTIE, Joel. Tridepsides as potential bioactives: a review on their chemistry and the global distribution of their lichenic and non-lichenic natural sources. In *Frontiers in Fungal Biology* [online] 2023, roč. 4, art. no. 1088966 .
- [1] (2023) POULSEN-SILVA, Erick - GORDILLO-FUENZALIDA, Felipe - ATALA, Cristian - MORENO, Adrian A. - OTERO, Maria Carolina. Bioactive Lichen Secondary Metabolites and Their Presence in Species from Chile. In *Metabolites*, 2023, roč. 13, č. 7, art. no. 805

- [1] (2023) SAHA, Saparja - RAY, Ribhu - PAUL, Santanu. In Vitro Screening and In Silico Docking Analysis Identifies Two Novel Compound Lecanoric Acid and Atranorin from *Parmotrema tinctorum*, Exhibiting Potent Anti-Hepatocarcinoma Activity. In *Biointerface research in applied chemistry*, 2023, roč. 13, č. 6.
- [1] (2023) UREÑA-VACAS, Isabel - GONZÁLEZ-BURGOS, Elena - DIVAKAR, Pradeep Kumar - GÓMEZ-SERRANILLOS, María Pilar. Lichen Depsides and Tridepsides: Progress in Pharmacological Approaches. In *Journal of Fungi*, 2023, roč. 9, č. 1.
- [1] (2023) VARLI, Mücahit - LEE, Eun Young - YANG, Yi - ZHOU, Rui - TAŞ, İsa - PULAT, Sultan - GAMAGE, Chathurika D.B. - PARK, So Yeon - HUR, Jae Seoun - NAM, Sang Jip - KIM, Hangun. 1'-O-methyl-averantin isolated from the endolichenic fungus *Jackrogersella* sp. EL001672 suppresses colorectal cancer stemness via sonic Hedgehog and Notch signaling. In *Scientific reports*, 2023, roč. 13, č. 1.
- [1] (2024) AHMED, Muhammad Zeeshan - RAO, Tazeen - KHAN, Nihad Ashraf - ASLAM, Muneeba - PANE, Yunita Sari. Antimicrobial Activities of Lichens. In *Chemistry, Biology and Pharmacology of Lichen*. Londýn : John Wiley & Sons, 2024. ISBN 9781394190706, S. 169-191.
- [1] (2024) AZHAMUTHU, Theerthu - KATHIRESAN, Suresh - SENKUTTUVAN, Ilanchitchenni - ASATH, Nihal Ahamed Abulkalam - RAVICHANDRAN, Pugazhendhi - VASU, Rajeswari. Usnic acid alleviates inflammatory responses and induces apoptotic signaling through inhibiting NF- κ B expressions in human oral carcinoma cells. In *Cell Biochemistry and Function*, 2024, roč. 42, č. 4.
- [1] (2024) BENHAMADA, Ouahiba - BENHAMADA, Nabila - LEGHOUCHI, Essaid. Review on the toxic effect of fluorine and lead on lichen metabolism. In *International Journal of Secondary Metabolite*, 2024, roč. 11, č. 4, s. 765-794.
- [1] (2024) BOGO, Danielle - ALCANTARA, Isabel Maximo C. - ALCANTARA, Glaucia B. - MICHELETTI, Ana Camila - HONDA, Neli K. - DE FATIMA C MATOS, Maria. Cytotoxicity of norstictic acid derivatives, a depsidone from *Ramalina anceps* Nyl.. In *Turkish Journal of Chemistry*, 2024, roč. 48, č. 5, s. 748-755.
- [1] (2024) BUDAK, Busra - KALIN, Seyda Nur - YAPCA, Omer Erkan. Antiproliferative, antimigratory, and apoptotic effects of diffractaic and vulpinic acids as thioredoxin reductase 1 inhibitors on cervical cancer. In *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2024, roč. 397, č. 3, s. 1525-1535.
- [1] (2024) BUYUK, Burcu Pelin - CANSARAN DUMAN, Demet - DUMAN, Turker. BRAF inhibitor candidate molecule usnic acid might use both intrinsic and extrinsic pathways of apoptosis. In *Turkish journal of medical sciences*, 2024, roč. 54, č. 5, s. 1116-1126.
- [1] (2024) CARRASCO, Fernando - HERNÁNDEZ, Wilfredo - CASTRO, Nino - GUERRERO, Marco - TAMARIZ-ANGELES, Carmen - OLIVERA-GONZALES, Percy - ECHEVARRÍA-RODRÍGUEZ, Daniel - RAPOSO, Cesar - SILVA, Lúcia A. - RODILLA, Jesus M.. Identification and determination of usnic acid and fatty acid from various lichen species in arequipa, Peru, as well as antibacterial and antioxidant capacity. In *Heliyon*, 2024, roč. 10, č. 21, art. no. e39703
- [1] (2024) CHATTERJEE, Aroni - KHAN, Rajni - MUKHERJEE, Triparna - SAHOO, Preity Pragnya - TIWARI, Laxmi Narayan - SINGH, Basant Narain - KUMARI, Rashmi - KUMARI, Anisha - RAI, Ankit - RAY, Shashikant. Harnessing bacterial metabolites for enhanced cancer chemotherapy: unveiling unique therapeutic potentials. In *Archives of microbiology*, 2024, roč. 206, č. 11, art. no. 449
- [1] (2024) DODURGA, Yavuz - SEÇME, Mücahit - ELMAS, Levent - GÜNDOĞDU, Gülşah - ÇEKİN, Ayşe - GÜNEL, Nur Selvi. Potential effects of parietin on apoptosis and cell cycle related genes in SH-SY5Y neuroblastoma cells. In *Pamukkale Medical Journal*, 2024, roč. 17, č. 2, s. 243-253.
- [1] (2024) DWARAKANATH, P. R. - ABINAYA, K. - NAGASATHYA, K. - MEENAKUMARI, S. - GOPINATH, Subash C.B. - RAMAN, Pachiappan. Profiling secondary metabolites from lichen "*Parmotrema perlatus* (Huds.) M.Choisy" and antibacterial and antioxidant potentials. In *Biomass conversion and biorefinery*, 2024, roč. 14, č. 14, s. 16461-16471.
- [1] (2024) ENSOY, Mine - CANSARAN-DUMAN, Demet. Targeting Ferroptosis with Small Molecule Atranorin (ATR) as a Novel Therapeutic Strategy and Providing New Insight into the

- Treatment of Breast Cancer. In *Pharmaceuticals*, 2024, roč. 17, č. 10, art. no. 1380
- [1] (2024) GUPTA, Amit - SINGH, Ashish P. - RANA, Palak - SINGH, Varsha K. - KUMARI, Neha - JHA, Sapana - SINHA, Rajeshwar P.. Microbial Multispecies Symbiosis: A Panomics View. In *Microbial Omics in Environment and Health*. Singapore : Springer Nature, 2024. ISBN 9789819717699, S. 83-108.
- [1] (2024) HILAL, Bisma - KHAN, Mohammad Mansoob - FARIDUDDIN, Qazi. Recent advancements in deciphering the therapeutic properties of plant secondary metabolites: phenolics, terpenes, and alkaloids. In *Plant Physiology and Biochemistry*, 2024, roč. 211, art. no. 108674
- [1] (2024) KOCAKAYA, Mustafa - AKBULUT, Elif - KOCAKAYA, Zekiye. Apoptosis stimulating effect of *Cladonia furcata* on breast cancer cells via PI3K/Akt/mTOR pathway. In *Indian Journal of Experimental Biology*, 2024, roč. 62, č. 12, s. 967-977.
- [1] (2024) KOFLER, Lisa - GRUNDMANN, Lorenz - GERHALTER, Magdalena - PRATTES, Michael - MERL-PHAM, Juliane - ZISSER, Gertrude - GRISHKOVSKAYA, Irina - HODIRNAU, Victor Valentin - VAREKA, Martin - BREINBAUER, Rolf - HAUCK, Stefanie M. - HASELBACH, David - BERGLER, Helmut. The novel ribosome biogenesis inhibitor usnic acid blocks nucleolar pre-60S maturation. In *Nature Communications*, 2024, roč. 15, č. 1, art. no. 7511
- [1] (2024) MANOJLOVIĆ, Anja - KHALID, Abdul Nasir - USMAN, Muhammad - STEFANOVIĆ, Olgica - ĐUKIĆ, Nevena - MANOJLOVIĆ, Nedeljko - TOMOVIĆ, Jovica. Phytochemical Analysis and Antioxidant, Antimicrobial, and Antibiofilm Effects of a New Himalayan Lichen *Placidium deosaiense* Usman and Khalid Growing in Pakistan. In *International journal of molecular sciences*, 2024, roč. 25, č. 20, art. no. 11203
- [1] (2024) MARIRAJ, Murugan - GUNDAPPA, Mallikarjun - VELAYUTHAPRABHU, Shanmugam - SHAH, Kamal - PONNUCHAMY, Ponmurugan - MENDEM, Suresh Kumar - SINGH, P. Shivakumar - CHAUHAN, Nagendra Singh. In vitro, in vivo and in silico anticancer activity and toxicity of Usnic acid extracted from the mycobiont culture of *Usnea baileyi*. In *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2024.
- [1] (2024) NUGRAHA, Ari Satia - LAM, Thi Hai Yen - WONGSO, Hendris - FIRLI, Lilla Nur - KELLER, Paul A.. Lichens: A Source of Anticancer Drugs. In *Chemistry, Biology and Pharmacology of Lichen*. Londýn : John Wiley & Sons, 2024. ISBN 9781394190706, S. 193-229.
- [1] (2024) PUTRI, Chintya Permata Zahky Sukrisno - RANI, Dinar Mutia - UNTARI, Ludmilla Fitri - KUSUMAWARDANI, Banun - KURNIA, Anang - KELLER, Paul A. - NUGRAHA, Ari Satia. Metabolomic Approach in Anticancer Biomarker Discovery from Foliose Lichens. In *Advanced Pharmaceutical Bulletin*, 2024, roč. 14, č. 4, s. 938-943.
- [1] (2024) RAKOTONDRAIBE, Harinantenaina Liva R. - SPJUT, Richard W. - ADDO, Ermias Mekuria. Chemical Constituents Isolated from the Lichen Biome of Selected Species Native to North America. In *Progress in the Chemistry of Organic Natural Products*. Cham : Springer Nature, 2024. S. 185-233.
- [1] (2024) RUPA, R. - PAVITHRA, B. - KAVYA, M. - NIKHITHA, K. V. - NIVETHA, J. D. - BINDHU, J.. Evaluation of Anticancer Activity and Structural Analysis of Biosynthesized Silver Nanoparticles (AgNPs) from *Centella Asiatica*. In *International Journal of Pharmaceutical Sciences and Nanotechnology*, 2024, roč. 17, č. 2, s. 7256-7269.
- [1] (2024) SAEED, Farhan - AFZAAL, Muhammad - RAZA, Muhammad Ahtisham - AROOJ, Habiba - ISLAM, Mariam - GULZAR, Rimsha. Bioactive Compounds in Lichens and Their Therapeutic Potential. In *Chemistry, Biology and Pharmacology of Lichen*. Londýn : John Wiley & Sons, 2024. ISBN 9781394190706, S. 137-151.
- [1] (2024) SAHA, Sagarja - RAY, Ribhu - PAUL, Santanu. Depside and depsidone-rich hydroalcoholic extract, resourced from the lichen *Parmelinella wallichiana* (Taylor) Elix & Hale selectively restricts Non-Small Cell Lung Cancer by modulating p53, FOXO1 and PALLADIN genes. In *Fitoterapia*, 2024, roč. 179, art. no. 106211.
- [1] (2024) SAMAL, Monalisha - RAHMAN, Abdur - AHMAD, Sayeed. Exploring the Therapeutic Potential of Secondary Metabolites in Medicinal Plants. In *Ethnopharmacology and OMICS Advances in Medicinal Plants: Uncovering Diversity and Ethnopharmacological Aspects: Volume 1*. Cham : Springer Nature, 2024. ISBN 9789819723676, S. 313-330.
- [1] (2024) UNLU, Ilker - TUNCER, Mehmet Cudi - OZDEMIR, Ilhan. Effect of napabucasin

- and doxorubicin via the Jak2/Stat3 signaling pathway in suppressing the proliferation of neuroblastoma cells. In *Acta cirúrgica brasileira*, 2024, roč. 39, art. no. e396624
- [1] (2024) YANG, Yiren - LIU, Pengyu - ZHOU, Mingyang - YIN, Linzhou - WANG, Miao - LIU, Ting - JIANG, Xiaowen - GAO, Huiyuan. Small-molecule drugs of colorectal cancer: Current status and future directions. In *Biochimica et Biophysica Acta-Molecular Basis of Disease*, 2024, roč. 1870, č. 1.
- [1] (2025) ALKAN, Ayşe Hale - CANSARAN-DUMAN, Demet. Multifaceted interactions between lncRNA-associated ceRNA networks and small molecules in triple-negative breast cancer. In *Biomedicine & pharmacotherapy*, 2025, roč. 189.
- [1] (2025) ASOKAN, Aiswarya - BHAGWANDAS, Ranjini - VASAN, Suvetha - RAJ, Joel - KRISHNASWAMY EZHILAN, Vivekanandan - NAGARAJ, Rajaprabu - KANAGARAJ, Kalaiarasi - VELUSAMY, Sharmila - PERIYASAMY, Thirunavukkarasu - VISWAKETHU, Velavan. Lichenomics: Exploring bioactive compounds with anti-tumor potential in colon cancer cell lines. In *Microbe*, 2025, roč. 7.
- [1] (2025) CHEN, Xueyi - GUAN, Shuai - WANG, Jiayi - LI, Yuxin - ZHANG, Shufei - JIN, Yiran - TIAN, Xi - DU, Yingfeng. Integrated Metabolomics Using Data-Dependent Acquisition and Data-Independent Acquisition and Network Pharmacology to Reveal the Mechanisms of Usnic Acid in Treating Non-Small Cell Lung Cancer. In *Chemistry & Biodiversity*, 2025, roč. 22, č. 12.
- [1] (2025) CHOUDHIR, Gourav - KUMAR, Sushil - SHAHID, Mohammad - SHAMSI, Anas - ISLAM, Asimul. Telomeric RNA quadruplexes as targets for cancer prevention: The therapeutic potential of agonodepsides. In *Journal of Genetic Engineering and Biotechnology*, 2025, roč. 23, č. 1.
- [1] (2025) DEOLI, Shivani - PRAKASH, Om - KUMAR, Ravendra - MISHRA, Gaurav K. - KUMAR, Vinod. A Comprehensive Review on Lichen-Derived Bioactive Compounds: Integrating Synthesis, Applications, and Nanotechnology. In *Chemistry Select*, 2025, roč. 10, č. 37, art. no. e04515
- [1] (2025) EDO, Great Iruoghene - MOSES, Ruth Joy - ALI, Ali B.M. - YOUSIF, Emad - JIKAH, Agatha Ngukuran - ISOJE, Endurance Fegor - IGBUKU, Ufuoma Augustina - AKPOGHELIE, Patrick Othuke - OWHERUO, Joseph Oghenewogaga - ESSAGHAH, Arthur Efeoghene Athan - OBERHIRI, Splendour Oberhiri - AHMED, Dina S. - UMAR, Huzaifa. Unveiling the Nigerian sweet potato; Its nutritional and pharmacological properties. In *Food and humanity*, 2025, roč. 5.
- [1] (2025) GÜNAYDIN, Şükran - KALIN, Şeyda Nur - SULUKOĞLU, Emine Karaca - ALTAY, Ahmet - BUDAK, Harun. Inhibition of thioredoxin reductase 1 by evernic and vulpinic acids: a promising anticancer strategy on A549 cells. In *Naunyn-Schmiedeberg's archives of pharmacology*, 2025, roč. 398, č. 12, s. 17445-17458.
- [1] (2025) JAMA, Huda Abdirizak - ENSOY, Mine - YILMAZER, Açelya - CANSARAN-DUMAN, Demet. Delineating the Potential Therapeutic Effects of Lobaric Acid as a Novel Strategy in the Treatment of Melanoma. In *Current Medicinal Chemistry*, 2025, roč. 32, č. 14, s. 2792-2808.
- [1] (2025) JEBUR, Mohammad Abdulmohsin - ISMAEEL, Ghufraan Lutfi - SALIM, Haitham Mukhlif - AHMED, Ammar Hussein - NASER, Israa Habeeb. Dietary phytochemical index and the risk of gallstone disease: a case-control study. In *BMC Gastroenterology*, 2025, roč. 25, č. 1.
- [1] (2025) KALIN, Şeyda Nur - BAYINDIRLI, Kübra Nur - TORAMAN, Emine - GÜNAYDIN, Şükran - KELEŞ, Fatmanur - ALTAY, Ahmet - BUDAK, Harun. Lobaric Acid Exhibits Anticancer Potential by Modulating the Wnt/β-Catenin Signaling Pathway in MCF-7 Cells. In *Pharmacology research & perspectives*, 2025, roč. 13, č. 4, 70142
- [1] (2025) KIYMIK, Sena - KOCAKAYA, Mustafa - ILGUN, Selen - SEKER KARATOPRAK, Goekge - KOCAKAYA, Zekiye - CADIR, Mehmet. Exploring The Therapeutic Potential of *Xanthoparmelia pulla* (Ach.) O. Blanco, A. Crespo, Elix, D. Hawksw. & Lumbsch (Parmeliaceae). In *Kastamonu University Journal of Forestry Faculty*, 2025, roč. 25, č. 1, s. 9-19.
- [1] (2025) KUMAR, Praphool - NAYAKA, Sanjeeva - VERMA, Tuhina - NIRANJAN, Abhishekh - UPRETI, Dalip Kumar. Comparative analysis of antimicrobial, antioxidant activities and phytochemicals of Himalayan lichens. In *Biomass conversion and biorefinery*, 2025, roč. 15, č. 4, s. 5361-5381.
- [1] (2025) LIEB, Noah - TRAN, Annalisa - TORRES, Martha - BOMMAREDDY, Ajay.

Modulation of Wnt/Beta-Catenin Pathway by Major Dietary Phytochemicals Against Breast Cancer Development. In *Biology* (Basel), 2025, roč. 14, č. 2.

[1] (2025) MACHADO, Patrícia Gotardo - MOLINA, Felipe Siqueira - BARCIA, Milene Teixeira - BALLUS, Cristiano Augusto. The Brazilian Native Fruits Araçá, Guabijú, and Guabiroba: A Brief and Integrative Review on Their Phenolic Composition and Analytical Methods. In *Foods*, 2025, roč. 14, č. 16.

[1] (2025) MOROȘAN, Elena - POPOVICI, Violeta - POPESCU, Ioana Andreea - DARABAN, Adriana - KARAMPELAS, Oana - MATAČ, Liviu Marian - LICU, Monica - RUSU, Andreea - CHIRIGIU, Larisa Marina Elisabeth - OPRÎTESCU, Sinziana - IONITA, Elena Iuliana - SAULEAN, Alina - NITESCU, Maria. Perception, Trust, and Motivation in Consumer Behavior for Organic Food Acquisition: An Exploratory Study. In *Foods*, 2025, roč. 14, č. 2.

[1] (2025) MURUGESAN, Balasubramanian - RATHINAVEL, Thirumalaisamy - KUMAR, R. Selva - GOMATHI, M. - MAHESWARI, Shanmugavel Uma - AMEER, Kalandar - AL-ANSARI, Mysoon M. - SERALATHAN, Kamala Kannan - SELVANKUMAR, Thangaswamy. Atranorin from lichens act as potential inhibitor for cervical tumor proteins TGFbeta and kinase enzyme CDK4/CyclinD3: An anti-cancer intervention therapy. In *International Journal of Biological Macromolecules*, 2025, roč. 320.

[1] (2025) MUSTAFA, Rashaid Ali - RATHER, Shabir Ahmad - KOUSAR, Rukhsana - KHAN, M. A. Hannan. Therapeutic Potential of Plant Secondary Metabolites in the Treatment of Disease and Drug Development: A Global Approach. In *Secondary Metabolites and Drug Discovery*. New Jersey : John Wiley & Sons, 2025. ISBN [9781394204342, 9781394204595], S. 345-368.

[1] (2025) PANT, Kiran - JOSHI, Pushpa - UPRETI, Dalip Kumar - NAYAKA, Sanjeeva - DARMWAL, Jyoti. Phytochemical Investigation, Antioxidant and Antimicrobial Activities of Some Parmeliaceae Lichens from Western Himalaya. In *Journal of Pure and Applied Microbiology*, 2025, roč. 19, č. 1, s. 263-274.

[1] (2025) PRADO, Tatiana - DEGRAVE, Wim Maurits Sylvain - DUARTE, Gabriela Frois. Lichens and Health—Trends and Perspectives for the Study of Biodiversity in the Antarctic Ecosystem. In *Journal of Fungi*, 2025, roč. 11, č. 3.

[1] (2025) PYRCZAK-FELCZYKOWSKA, Agnieszka - KACZOROWSKA, Anna Karina - GIEŁDOŃ, Artur - BRACZKO, Alicja - SMOLEŃSKI, Ryszard T. - ANTOSIEWICZ, Jędrzej - REEKIE, Tristan A. - HERMAN-ANTOSIEWICZ, Anna. Natural product as a lead for impairing mitochondrial respiration in cancer cells. In *Journal of Enzyme Inhibition and Medicinal Chemistry*, 2025, roč. 40, č. 1.

[1] (2025) RONEY, Miah - UDDIN, Md Nazim - KHAN, Azmat Ali - ALUWI, Mohd Fadhilzil Fasihi Mohd - FATIMA, Sabiha - AHMAD, Asrar. In silico identification of PPARγ agonists from diffractaic acid analogs in prostate cancer: a comprehensive computational approach. In *3 Biotech*, 2025, roč. 15, č. 7, art. no. 219

[1] (2025) RONEY, Miah - WONG, Kelvin Khai Voon - UDDIN, Md Nazim - RULLAH, Kamal - SEPTAMA, Abdi Wira - ANTIKA, Lucia Dwi - MOHD ALUWI, Mohd Fadhilzil Fasihi. Design, synthesis, structural characterization, cytotoxicity and computational studies of Usnic acid derivative as potential anti-breast cancer agent against MCF7 and T47D cell lines. In *Computational Biology and Chemistry*, 2025, roč. 115.

[1] (2025) ŠEBOVÁ, Dominika - ŽILÁKOVÁ, Simona - MEDVECOVÁ, Viktória - GOGA, Michal - FRENÁK, Richard - BARDELČÍKOVÁ, Annamária - MIROŠŠAY, Andrej - MIROSSAY, Ladislav - MOJŽIŠ, Ján - KELLO, Martin. Antiproliferative and pro-apoptotic effects of Pseudevernia furfuracea (L.) Zopf extract and its active component physodic acid via oxidative stress and DNA damage in breast cancer cells. In *Frontiers in oncology* [online] 2025, roč. 15, č. 250521, s. 1-20, 1557884 .

[1] (2025) SEERVI, Deepika - SAROJINI, Suma - COLLINSON, Thea - DAS, Krishnashish - KIZHAKKETHIL, Rohini. Fungal metabolites: Nature's key to antiangiogenic cancer therapies. In *Plant science today*, 2025, roč. 12, č. 2.

[1] (2025) VARLI, Mücähit - BHOSLE, Suresh R. - JO, Eunsol - YU, Young Hyun - YANG, Yi - HA, Hyung Ho - KIM, Hangu. Development and synthesis of diffractaic acid analogs as potent inhibitors of colorectal cancer stem cell traits. In *Scientific reports*, 2025, roč. 15, č. 1.

[1] (2025) VERMA, Sunil Kumar - RAI, Sweta - SIDHU, Vivek Kumar - CHITARA, Dheeraj - KUMAR, Prashant. Overview and history of natural products. In *The Nature of Nutraceuticals: History, Properties, Sources, and Nanotechnology*. Palm Bay : Apple Academic Press, 2025.

ISBN 9781040128046, S. 439-455.

[1] (2025) YANG, Kun Han - YEN, Ching Yu - YU, Szu Yin - CHIEN, Tsu Ming - LIU, Wangta - SHU, Chih Wen - JENG, Jjiang Huei - CHANG, Fang Rong - CHANG, Hsueh Wei. Subfraction UBM6 of Methanol Extract of Usnea barbata Exhibits ROS-Mediated Antiproliferative, Apoptotic, and DNA Damage Effects to Oral Cancer Cells. In Chemistry Select, 2025, roč. 10, č. 42.

[1] (2026) ATNI, Oky Kusuma - PASARIBU, Nursahara. Current Lichen Research in Indonesia: Diversity, Taxonomic Gaps, and Future Perspectives. In Journal of Tropical Biodiversity and Biotechnology, 2026, roč. 11, č. 2, s. 1-32.

[1] (2026) ÇOBAN, Kübra Nur - KARATOPRAK, Gökçe Şeker - İLGÜN, Selen - KOCAKAYA, Zekiye - ÇADIR, Mehmet - KOCAKAYA, Mustafa. Comparative evaluation of anti-inflammatory and cytotoxic activities in relation to lichen acid profiles in Xanthoparmelia verruculifera, X. delisei, and X. loxodes. In Journal of Ethnopharmacology, 2026, roč. 366.

[1] (2026) MAPARI, Sachin V. - GAIKWAD, Subhash B. - SUTAR, Ruchira R. - PATIL, Ravindra M. - BEHERA, Bhaskar C.. From Symbiosis to Cytotoxicity: Biosynthesis, Molecular Mechanisms, and Anticancer Potential of Lichen-Derived Depsides and Depsidones. In Chemistry & Biodiversity, 2026, roč. 23, č. 3.

[1] (2026) PRABHAKAR, Nitin Kant - RAWAL, Himanshu - NAUTIYAL, Yukti - NIRALA, Preeti - GANGWAR, Reena. Evaluation of the Antimicrobial Potential of Cladonia rangiferina from Nandi Kund, Garhwal Himalaya, India. In Research journal of biotechnology, 2026, roč. 21, č. 5, s. 1-8.

[1] (2026) ROSITZKI, Marvin J. - RAKSAT, Achara - SIMMONS, Charles J. - SMITH, Clifford - CHOI, Reverend Danette V. - WONGWIWATTHANANUKIT, Supakit - CHANG, Leng Chee. A New Trichlorinated Xanthone and Compounds Isolated from Cladonia skottsbergii with Antimicrobial Properties. In Pharmaceuticals, 2026, roč. 19, č. 1.

[1] (2026) SERBUN, Polina - SHAIKENOV, Roman - BULAKOV, Vyacheslav - SEMENOV, Konstantin - SHAROYKO, Vladimir - MOROZKINA, Svetlana - SNETKOV, Petr. Co-release drug kinetics of curcumin and usnic acid from a hyaluronic acid-based polymer matrix. In Analytical Chemistry Letters, 2026, roč. 16, č. 1, s. 87-94.

[1] (2026) SURESH, Ashrini B. - NADUMANE, Varalakshmi K.. Identification of atraric acid from the lichen Ramalina farinacea and its anticancer mechanisms in HepG2, MCF-7, and HeLa cell lines in vitro. In Pharmacological research. Natural products, 2026, roč. 10.

[1] (2026) YANG, Meixia - LYU, Lisha - WANG, Xinyu - LIN, Shengying - LEUNG, Ka Wing - DONG, Tina Tingxia - WANG, Lisong - TSIM, Karl Wah Keung. From biodiversity to clinical translation: A global review of lichen-derived natural products and their pharmacological potential. In Pharmacological research. Natural products, 2026, roč. 10.

MSEP 032126

- ADM7 Spinal muscular atrophy caused by a novel Alu-mediated deletion of exons 2a-5 in SMN1 undetectable with routine genetic testing / Ivana Jedličková ... [et al.].
In: Molecular Genetics and Genomic Medicine. - ISSN 2324-9269. - Roč. 8, č. 7 (2020), art. no. e1238, s. [1-10]. Projekt: Research and Development for Innovations Operational Program CZ.1.05/2.1.00/19.0400 ; Molekulová, buněčná a patofyziologická podstata nemocí - PRVOUK P24/LF1/3 ; SVV2016/260148 ; UNCE 204064 ; BIOCEV - od základního k aplikovanému výzkumu - Národní program udržitelnosti II (NPU II) LQ1604 ; NV19-08-00137 ; LM2018132. 10.1002/mgg3.1238 DOI;DOI; WOS; SCOPUS;
2020 SJR=0,765; 2020 CiteScore=2; 2020 SNIP=0,727; 2020 IF=2.183; 2020 AIS=0.683;
2020 Q3(Genetics & heredity) JCR; 2020 Q3(Genetics) Scimago; 2020 Q3(Genetics (clinical)) Scimago; 2020 Q3(Molecular biology) Scimago; 2020 Q3(Genetics & heredity) AIS [OV 180];
[JEDLICKOVA, Ivana (Autor, 30%) - PRISTOUPILOVA, Anna (Autor, 5%) - NOSKOVÁ, Lenka (Autor, 5%) - MAJER, Filip (Autor, 5%) - STRÁNECKÝ, Viktor (Autor, 5%) - HARTMANNOVA, Hana (Autor, 5%) - HODANOVA, Katerina (Autor, 3%) - TRESLOVA, Helena (Autor, 2%) - HÝBLOVÁ, Michaela (Autor, 3%) - SOLÁR, Peter (Autor, 30%) - MINÁRIK, Gabriel (Autor, 2%) - GIERTLOVA, Maria (Autor, 3%) - KMOCH, Stanislav (Autor, 2%)]

Kategórie ohlasov do roku 2021: (3)

- [1] (2021) BUTCHBACH, Matthew E.R.. Genomic variability in the survival motor neuron genes (Smn1 and smn2): Implications for spinal muscular atrophy phenotype and therapeutics development. In International journal of molecular sciences, 2021, roč. 22, č. 15, art. no. 7896
- [1] (2021) COSTA-ROGER, Mar - BLASCO-PÉREZ, Laura - CUSCÓ, Ivon - TIZZANO, Eduardo F.. The importance of digging into the genetics of SMN genes in the therapeutic scenario of spinal muscular atrophy. In International journal of molecular sciences [online] 2021, roč. 22, č. 16.
- [1] (2021) STABLEY, Deborah L. - HOLBROOK, Jennifer - SCAVINA, Mena - CRAWFORD, Thomas O. - SWOBODA, Kathryn J. - ROBBINS, Katherine M. - BUTCHBACH, Matthew E.R.. Detection of SMN1 to SMN2 gene conversion events and partial SMN1 gene deletions using array digital PCR. In Neurogenetics, 2021, roč. 22, č. 1, s. 53-64.

Kategórie ohlasov od roku 2022: (8)

- [1] (2021) MAJER, Filip - SIKORA, Jakub. Easy and fast PCR-based protocol allows characterization of breakpoints resulting from Alu/Alu-mediated genomic rearrangements. In Molecular Genetics and Genomic Medicine, 2021, roč. 9, č. 12.
- [1] (2022) DIL, Alena Vladimirovna - NAZAROV, V. D. - SIDORENKO, D. V. - LAPIN, S. V. - EMANUEL, V. L.. Characteristics of genetic changes in the SMN1 gene in spinal muscular atrophy 5q. In Nervno-Myshechnye Bolezni, 2022, roč. 12, č. 3, s. 36-44.
- [1] (2022) PINTO, Albano - CUNHA, Catarina - CHAVES, Raquel - BUTCHBACH, Matthew E.R. - ADEGA, Filomena. Comprehensive In Silico Analysis of Retrotransposon Insertions within the Survival Motor Neuron Genes Involved in Spinal Muscular Atrophy. In Biology, 2022, roč. 11, č. 6.
- [1] (2023) AKHKIAMOVA, M. A. - SHCHAGINA, O. A. - POLYAKOV, A. V.. Factors modifying the course of spinal muscular atrophy 5q. In Nervno-Myshechnye Bolezni, 2023, roč. 13, č. 4, s. 62-73.
- [1] (2023) BAI, Jinli - QU, Yujin - OUYANG, Shijia - JIAO, Hui - WANG, Yang - LI, Jingjing - HUANG, Wenchen - ZHAO, Yunlong - PENG, Xiaoyin - WANG, Depeng - JIN, Yuwei - WANG, Hong - SONG, Fang. Novel Alu-mediated deletions of the SMN1 gene were identified by ultra-long read sequencing technology in patients with spinal muscular atrophy. In Neuromuscular Disorders, 2023, roč. 33, č. 5, s. 382-390.
- [1] (2024) BAI, Jinli - QU, Yujin - HUANG, Wenshen - MENG, Wanli - ZHAN, Jiahao - WANG, Hong - HOU, Wenqi - JIN, Yuwei - MAO, Aiping - SONG, Fang. A high-fidelity long-read sequencing-based approach enables accurate and effective genetic diagnosis of spinal muscular atrophy. In Clinica chimica acta, 2024, č. 553.
- [1] (2024) CHUDAKOVA, Daria - KUZENKOVA, Ludmila - FISENKO, Andrey - SAVOSTYANOV, Kirill. In Search of Spinal Muscular Atrophy Disease Modifiers. In International journal of molecular sciences, 2024, roč. 25, č. 20.
- [1] (2025) DONG, Yan - ZHANG, Shuyue - WANG, Hong - JIA, Xiaodong - YU, Changshun - LI, Weiran - MA, Ximeng - YU, Xiaoli - LI, Dong - SHU, Jianbo - CAI, Chunquan. Delayed Diagnosis of Spinal Muscular Atrophy in Two Chinese Families due to Novel SMN1 Deletions. In American Journal of Medical Genetics, Part A, 2025, roč. 197, č. 3.

MSEP 033406

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (1)

- AEC1 Pro-apoptotic effects of atorvastatin in experimental mammary carcinogenesis / P. Kubatka... [et al.]. - Autor Valentová, Vanda (1984-) je doktorand. - Autor Žihlavičková, Katarína je doktorand.
- In: New Trends in Humanities and Science in the Eastern European Region. - Moskva : Academy of Professional Development and Re-Training of Educators, 2010. - ISBN 978584296179. - S. 79-87. Projekt: Centrum pre výskum signalómu - APVV VVCE-0001-07. [OV 180];
- [KUBATKA, Peter (Autor, 25%) - SOLÁR, Peter (Autor, 20%) - ŽIHLAVNÍKOVÁ, Katarína (Autor, 10%) - VALENTOVÁ, Vanda (Autor, 7.5%) - PÉČ, Martin (Autor, 7.5%) - STOLLÁROVÁ, Nadežda (Autor, 7.5%) - KAJO, Karol (Autor, 7.5%) - BOJKOVÁ, Bianka (Autor, 7.5%) - KASSAYOVÁ, Monika (Autor, 7.5%)]

SSEP 011194

AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách (9)

- AED1 Radioprotection on C3H and DBA mice by the bacterial extract Broncho-Vaxom / Peter Fedoročko, Peter Brezáni, Peter Solár.
In: Current Trends in Cosmic Biology and Medicine : Ivanka pri Dunaji. - 2 (1991), s. 172-178.
[FEDOROČKO, Peter (Autor) - BREZÁNI, Peter (Autor) - SOLÁR, Peter (Autor)]
SSEP 00539
- AED2 Circadian and circaannual oscillations of tissue lipoperoxides in rats / P. Solár ... [et al.].
In: Sun, Moon and Living Matter : Bratislava, 29 june - 1 july 1994 : program and proceedings. - Bratislava, 1994. - S. 87-88.
[SOLÁR, Peter (Autor) - ŠMAJDA, Beňadik (Autor) - AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - TÓTH, Gabriel (Autor)]
SSEP 008487
- AED3 Cytokinetika buniek adenokarcinómu hrubého čreva v odpovedi na vybrané dávky gama žiarenia / Rastislav Jendželovský...[et al.].
In: 3. rádiobiologická konferencia : s medzinárodnou účasťou venovanej 20. výročiu jadrovej havárie v Černobyle : Košice, 25. máj 2006. - Košice : Univerzita veterinárskeho lekárstva v Košiciach, 2006. - ISBN 80-8077-026-3. - S. 301-308.
[JENDŽELOVSKÝ, Rastislav (Autor) - KLEBAN, Ján (Autor) - MIKEŠ, Jaromír (Autor) - SAČKOVÁ, Veronika (Autor) - SOLÁR, Peter (Autor) - KULIKOVÁ, Lucia (Autor) - KOVAL, Ján (Autor) - FEDOROČKO, Peter (Autor)]
SSEP 006874
- AED4 Detekcia gp96 v nádorových bunkách karcinómu prsníka / Ingrid Hodorová... [et al.].
In: Pokroky v histochémii : 9. košický morfológický deň s medzinárodnou účasťou, Košice 26. máj 2006 : zborník referátov. - Košice, 2006. - ISBN 80-8077-028-X. - S. 95-96.
[HODOROVÁ, Ingrid (Autor) - MELLOVÁ, Yvetta (Autor) - RYBÁROVÁ, Silvia (Autor) - SOLÁR, Peter (Autor) - VECANOVÁ, Janka (Autor)]
SSEP 006923
- AED5 Nekróza - dominantná forma smrti po fototoxickom účinku hypericínu na bunky adenokarcinómu hrubého čreva HT29 / Jaromír Mikeš... [et al.].
In: 3. rádiobiologická konferencia : s medzinárodnou účasťou venovanej 20. výročiu jadrovej havárie v Černobyle : Košice, 25. máj 2006. - Košice : Univerzita veterinárskeho lekárstva v Košiciach, 2006. - ISBN 80-8077-026-3. - S. 253-264.
[MIKEŠ, Jaromír (Autor) - KLEBAN, Ján (Autor) - SAČKOVÁ, Veronika (Autor) - SOLÁR, Peter (Autor) - FEDOROČKO, Peter (Autor)]
SSEP 002868
- AED6 Porovnanie fotocytotoxicity PDT s hypericínom na modeli zdravých a nádorových buniek epitelu hrubého čreva / Jaromír Mikeš... [et al.].
In: 3. rádiobiologická konferencia : s medzinárodnou účasťou venovanej 20. výročiu jadrovej havárie v Černobyle : Košice, 25. máj 2006. - Košice : Univerzita veterinárskeho lekárstva v Košiciach, 2006. - ISBN 80-8077-026-3. - S. 280-286.
[MIKEŠ, Jaromír (Autor) - KLEBAN, Ján (Autor) - HÝŽĎALOVÁ, Martina (Autor) - JENDŽELOVSKÝ, Rastislav (Autor) - SOLÁR, Peter (Autor) - FEDOROČKO, Peter (Autor)]
SSEP 006871
- AED7 Vplyv erytroproteínu na fotodynamickú terapiu ovariálnych adenokarcinómov A2780 a SKOV-3 / Ján Koval... [et al.].
In: 3. rádiobiologická konferencia : s medzinárodnou účasťou venovanej 20. výročiu jadrovej havárie v Černobyle : Košice, 25. máj 2006. - Košice : Univerzita veterinárskeho lekárstva v Košiciach, 2006. - ISBN 80-8077-026-3. - S. 326-335.
[KOVAL, Ján (Autor) - SOLÁR, Peter (Autor) - JENDŽELOVSKÝ, Rastislav (Autor) - KLEBAN, Ján (Autor) - MIKEŠ, Jaromír (Autor) - SAČKOVÁ, Veronika (Autor) - KULIKOVÁ, Lucia (Autor) - FEDOROČKO, Peter (Autor)]
SSEP 006865

- AED8 Vplyv fotodynamickej terapie na bunkový cyklus HT-29 buniek s modulovanou dráhou 5-LOX / Ján Kleban, Jaromír Mikeš, Ján Koval', Peter Solár, Veronika Sačková, Peter Fedoročko.
In: 3. rádiobiologická konferencia : s medzinárodnou účasťou venovanej 20. výročiu jadrovej havárie v Černobyle : Košice, 25. máj 2006. - Košice : Univerzita veterinárskeho lekárstva v Košiciach, 2006. - ISBN 80-8077-026-3. - S. 242-253.
[KLEBAN, Ján (Autor) - MIKEŠ, Jaromír (Autor) - KOVAL', Ján (Autor) - SOLÁR, Peter (Autor) - SAČKOVÁ, Veronika (Autor) - FEDOROČKO, Peter (Autor)]
SSEP 008153
- AED9 Imunohistochemický dôkaz heat shock proteínu gp96 v nádorových bunkách karcinómu ovárií / Janka Vecanová... [et al.].
In: Morfológia včera, dnes a zajtra : Jubilejný X. Košický Morfológický Deň s medzinárodnou účasťou, Košice 31. máj 2007 : zborník referátov. - Prešov : Vydavateľstvo Michala Vaška, 2007. - ISBN 978-80-7165-620-3. - S. 198-200.
[VECANOVÁ, Janka (Autor) - BUČKOVÁ, Lenka (Autor) - HODOROVÁ, Ingrid (Autor) - RYBÁROVÁ, Silvia (Autor) - SCHMIDTOVÁ, Katarína (Autor) - SOLÁR, Peter (Autor)]
SSEP 007423
- AEG - Abstrakty vedeckých prác v zahraničných karentovaných časopisoch (7)**
- AEG1 Biological significance of erythropoietin and erythropoietin receptor expression by human ovarian cancer cells. / Jee-Yeong Jeong ... [et al.].
In: Blood : Journal of the American Society of Hematology. - ISSN 0006-4971. - Vol. 110, no. 11 (2003), s. 657A.
2003 CCC; 2003 IF=10,120
[JEONG, Jee-Yeong (Autor) - FELDMAN, Laurie (Autor) - SOLÁR, Peter (Autor) - SYTKOWSKI, Arthur (Autor)]
SSEP 011505
- AEG2 Erythropoietin treatment of ovarian carcinoma cells results in a paclitaxel-resistant phenotype / Peter Solar, Laurie Feldman, Arthur J. Sytkowski.
In: Blood : Journal of the American Society of Hematology. - ISSN 0006-4971. - Vol. 102, no. 11 (2003), s. 206b.
2003 CCC; 2003 IF=10,120
[SOLÁR, Peter (Autor) - FELDMAN, Laurie (Autor) - SYTKOWSKI, Arthur (Autor)]
SSEP 011504
- AEG3 Chemoresistance phenotype in human ovarian carcinoma cells induced by chronic erythropoietin treatment in vitro / Peter Solár, Laurie Feldman, Arthur Sytkowski.
In: Proceedings of the American Association for Cancer Research. - ISSN 0197-016X. - Vol. 45 (March 2004), s. 278-279.
[SOLÁR, Peter (Autor) - FELDMAN, Laurie (Autor) - SYTKOWSKI, Arthur (Autor)]
SSEP 05628
- AEG4 Erythropoietin inhibits apoptosis induced by photodynamic therapy in ovarian cancer cells / Peter Solár... [et al.].
In: Journal of Immunotherapy. - ISSN 1053-8550. - Roč. 30, č. 8 (2007), s. 884-885.
2007 IF=4,837
[SOLÁR, Peter (Autor) - KLEBAN, Ján (Autor) - KOVAL', Ján (Autor) - SOLÁROVÁ, Zuzana (Autor)]
Kategórie ohlasov do roku 2021: (2)
[1] (2017) TANKIEWICZ - KWEDLO, A. et al. Erythropoietin enhances the cytotoxic effect of hydrogen peroxide on colon cancer cells. In Current Pharmaceutical Biotechnology, 2017, vol. 18, no. 2, s. 127-137
[1] (2017) YOKOYAMA, Y. Differences in the sensitivity of ovarian cancer to photodynamic therapy and the mechanisms for those differences. In Oncology Letters, 2017, vol. 13, no. 6, s. 4933-4938
SSEP 007618

- AEG5 Differences between immunolocalisation of gp96 in samples of normal ovary and ovarian carcinoma / S. Rybárová ... [et al.].
In: Acta Histochemica. - ISSN 0065-1281. - vol. 111, no. 6 (2009), s. 459.
2009 CCC; 2009 IF=1,234
[RYBÁROVÁ, Silvia (Autor) - HODOROVÁ, Ingrid (Autor) - SOLÁR, Peter (Autor) - VECANOVÁ, Janka (Autor) - SCHMIDTOVÁ, Katarína (Autor)]
- MSEP 017874
- AEG6 Localization of MDR1 and MRP1 in human kidney proximal tubules and in Wilm's tumors / I. Hodorová ... [et al.].
Morphology 2007 (41. : 09.-12.09.2007 : Bratislava, Slovensko);
In: Acta Histochemica : a journal of structural biochemistry. - ISSN 0065-1281. - Roč. 111, č. 5 (2009), s. 436-436. Projekt: Molekulárno-biologická podstata nežiadúceho účinku erythropoetínu v terapii nádorovej bunky - VEGA 1/3253/06 ; Erythropoetín a jeho vplyv na rast nádorov in vitro a in vivo - APVT APVT-20-012104.
2009 CCC; 2009 IF=1,234
[OV 180];
[HODOROVÁ, Ingrid (Autor, 50%) - PLANK, Lukáš (Autor, 10%) - BOHUŠ, Peter (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - RYBÁROVÁ, Silvia (Autor, 10%) - MELLOVÁ, Yvetta (Autor, 10%)]
- MSEP 017856
- AEG7 Functionality of erythropoietin receptor in ovarian adenocarcinoma cells: the effect of conditioned medium obtained from erythropoietin induced A2780 cells [elektronický zdroj] / P. Solár ... [et al.]. - Abstrakt bol publikovaný v elektronickej zborníku The 17th International Meeting of the European Society of Gynaecological Oncology (ESGO) : 11. - 14. september 2011, Miláno, s. [1]. Miláno, 2011.
International Meeting of the European Society of Gynaecological Oncology (ESGO) (17. : 11. - 14. september 2011 : Miláno, Taliansko);
In: International Journal of Gynecological Cancer. - Vol. 21, suppl. 3 (2011), s. [1]. - ISSN 1048-891X. Projekt: VEGA 1/0296/09 ; APVV 0321-07.
2011 IF=1,646
[SOLÁR, Peter (Autor, 30%) - VARINSKÁ, Lenka (Autor, 20%) - HRČKOVÁ, Gabriela (Autor, 15%) - KRIŠKA, Ján (Autor, 15%) - SOLÁROVÁ, Zuzana (Autor, 15%) - MOJŽIŠ, Ján (Autor, 3%) - FEDOROČKO, Peter (Autor, 2%)]
- SSEP 012332
- AFC - Publikované príspevky na zahraničných vedeckých konferenciách (4)**
- AFC1 Chronobiometry of extremely short time series -metachronoanalysis of experimental data of some metabolic parameters in rats / Beňadik Šmajda, Eva Ahlersová, Ivan Ahlers, Peter Solár, G. Toth.
In: Sun, Moon and Living Matter : Bratislava, 29 june - 1 july 1994. - Bratislava, 1994. - S. 85-86.
[ŠMAJDA, Beňadik (Autor) - AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - SOLÁR, Peter (Autor) - TÓTH, Gabriel (Autor)]
- SSEP 00944
- AFC2 Metabolické účinky kontinuálneho ožarovania potkanov nízkymi dávkami gama lúčov - pôsobenie exogénneho melatonínu / Ivan Ahlers, Eva Ahlersová, Marián Sabol, Monika Kassayová, Peter Solár, Beňadik Šmajda.
In: Radiobiologická konferencie 1994 : Program, souhrny referátů : Hradec Králové 24.-26. listopadu 1994. - 1994.
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - KASSAYOVÁ, Monika (Autor) - SABOL, Marián (Autor) - SOLÁR, Peter (Autor) - ŠMAJDA, Beňadik (Autor)]
- SSEP 00961
- AFC3 Vplyv melatonínu na peroxidáciu lipidov sledovanú v skorom období po lokálnom ožiarení hlavy potkanov gama lúčmi / Peter Solár, Monika Kassayová, Ivan Ahlers, Marián Sabol.
In: Zborník z Radiologickej konferencie , Hradec Králové, 24. - 26. listopadu. - (1994).

[SOLÁR, Peter (Autor) - AHLERS, Ivan (Autor) - KASSAYOVÁ, Monika (Autor) - SABOL, Marián (Autor)]

SSEP 00965

- AFC4 Metabolic and hormonal changes in continuously irradiated rats are influenced by exogenous melatonin / I. Ahlers, E. Ahlersová, M. Sabol, P. Solár, M. Kassayová, B. Šmajda.
In: Radiation biology and its application in space research : Mutation induction by ionizing radiation : (Intensive course) : Proceedings of the symposium at Brno, 10-12.11.1994, Nedvědice, Czech republic. - 1995, s. 139-142.
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - KASSAYOVÁ, Monika (Autor) - SABOL, Marián (Autor) - SOLÁR, Peter (Autor) - ŠMAJDA, Beňadik (Autor)]
Kategórie ohlasov do roku 2021: (1)
[3] (1998) HORNECK, G. Biological monitoring of radiation exposure. In Adv. Space Research, 1998, vol. 22, no. 12, s. 1631-1641.

SSEP 01147

AFD - Publikované príspevky na domácich vedeckých konferenciách (25)

- AFD1 Tkanivové peroxidy lipidov v skorom období po ožiarení potkana gama lúčmi-efekt melatonínu. / Peter Solár, Kassayová Monika, Ivan Ahlers, Marián Sabol.
In: "Dominantné fyzikálne, chemické a biologické polutanty v životnom prostredí, ohrozujúce zdravie zvierat a človeka" : vedecká konferencia s medzinárodnou účasťou : 13.-14.9.1994. - Košice, 1994. - S. 36.
[SOLÁR, Peter (Autor) - AHLERS, Ivan (Autor) - KASSAYOVÁ, Monika (Autor) - SABOL, Marián (Autor)]

SSEP 00939

- AFD2 Lipidy kostnej drene u potkanov ožarovaných kontinuálne malými dávkami gama žiarenia / Peter Solár, Ivan Ahlers, Eva Ahlersová, Monika Kassayová, Beňadik Šmajda.. - ISBN 80-888 67-03-7.
In: Rádiobiologická konferencia-Radiačná biológia 1996, Košice, 3.-5. október. - ISBN 80-888 67-03-7. - (1996), s. 101-104.
[SOLÁR, Peter (Autor) - AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - KASSAYOVÁ, Monika (Autor) - ŠMAJDA, Beňadik (Autor)]

SSEP 01390

- AFD3 Metabolické zmeny u kontinuálne ožiarených samíc potkanov: vplyv dimetylbenzantracénu, metylnitrózoarey a melatonínu / Peter Solár, Ivan Ahlers, Eva Ahlersová, Monika Kassayová, Beňadik Šmajda.. - ISBN 80-888 67-03-7.
In: Rádiobiologická konferencia-Radiačná biológia 1996, Košice, 3.-5. október. - ISBN 80-888 67-03-7. - (1996), s. 97-100.
[SOLÁR, Peter (Autor) - AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - KASSAYOVÁ, Monika (Autor) - ŠMAJDA, Beňadik (Autor)]

SSEP 01389

- AFD4 Radiáciou a chemokarcinogénmi indukovaná mamárna karcinogenéza u samíc potkanov : Výber a hodnotenie používaných zvierat / Ivan Ahlers, Peter Solár, Eva Ahlersová, Adriana Burešová, Monika Kassayová, Beňadik Šmajda.. - ISBN 80-888 67-03-7.
In: Radiačná biológia 1996 : Rádiobiologická konferencia : Košice. - (1996), s. 7-10.
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - BUREŠOVÁ, Adriana (Autor) - KASSAYOVÁ, Monika (Autor) - SOLÁR, Peter (Autor) - ŠMAJDA, Beňadik (Autor)]

SSEP 01386

- AFD5 Radiation carcinogenesis-from epidemiology to molecular biology / I. Ahlers ... [et al.].
In: Current trends in biology and radiobiology : Proceedings of the symposium dedicated to the memory of the academician Milan Praslička : May 28, 1998. - Košice : Viena. - ISBN 80-88922-01-1. - 1998, S. 14-16.
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - CHAMILOVÁ, Martina (Autor) - KALICKÁ, Katarína (Autor) - KUBATKA, Peter (Autor) - ONDERKOVÁ, Heidmarie (Autor) - SOLÁR, Peter (Autor)]

- AFD6 Influence of cardilan on murine haemopoieses / N.O. Macková ... [et al.].
Dni výživy a veterinárnej dietetiky. (4 : 5.-6.9.2000) Košice;
In: IV. dni výživy a veterinárnej dietetiky : zborník z medzinárodnej vedeckej konferencie :
Košice, 5.-6. septembra 2000. - Košice : Univerzita veterinárneho lekárstva v Košiciach, 2000. -
S. 277-280.
[MACKOVÁ, Nadežda (Autor, 17%) - CHLEBOVSKÝ, Ondrej (Autor, 17%) -
FEDOROČKO, Peter (Autor, 17%) - SEDLÁKOVÁ, Zuzana (Autor, 17%) - SOLÁR, Peter (Autor,
16%) - NAĐOVÁ, Zuzana (Autor, 16%)]

- AFD7 Ovplyvňuje modulovanie metabolizmu kyseliny arachidonovej proliferáciu aktivitu buniek
ľudského adenokarcinómu hrubého čreva (HT-29) in vitro po fotodynamickej terapii? /
Szilárdiová, B. ... [et al.].
In: Zborník 2. rádiobiologickej konferencie : venovanej 55. výročiu založenia Univerzity
veterinárskeho lekárstva : 24.6.2004 Košice. - Košice : Univerzita veterinárskeho lekárstva v
Košiciach, 2004. - S. 68-79.
[SZILÁRDIOVÁ, Beáta (Autor) - KLEBAN, Ján (Autor) - SAČKOVÁ, Veronika (Autor) -
MIKEŠ, Jaromír (Autor) - SOLÁR, Peter (Autor) - BREZÁNI, Peter (Autor) - FALIS,
Marcel (Autor) - FEDOROČKO, Peter (Autor)]

- AFD8 Detekcia gp96 v nádorových bunkách karcinómu prsníka / Ingrid Hodorová ... [et al.].
In: Pokroky v histochemii : 9. košický morfológický deň s medzinárodnou účasťou, Košice 26.
máj 2006 : zborník referátov. - Košice, 2006. - ISBN 80-8077-028-X. - S. 95-96.
[HODOROVÁ, Ingrid (Autor) - MELLOVÁ, Yvetta (Autor) - RYBÁROVÁ, Silvia (Autor) -
SOLÁR, Peter (Autor) - VECANOVÁ, Janka (Autor)]

- AFD9 Inhibitor HSP90 - geldanamycín zvyšuje citlivosť ovariálnej adenokarcinómovej línie A2780cis
na chemoterapeutickú liečbu cisplatinou / Peter Solár ... [et al.] ; recenzenti B. Šmajda, M.
Pöschl, H. Mičková. - CD-ROM.
Rádiobiologická konferencia s medzinárodnou účasťou venovaná 20. výročiu jadrovej havárie v
Černobyle (3. : 25. máj 2006 : Košice, Slovensko);
In: 3. rádiobiologická konferencia s medzinárodnou účasťou venovaná 20. výročiu jadrovej
havárie v Černobyle : Košice, 25. máj 2006 [elektronický zdroj]. - Košice : Univerzita
veterinárskeho lekárstva v Košiciach, 2006. - ISBN 8080770263. - S. 318-325.
[SOLÁR, Peter (Autor, 20%) - HORVÁTH, Viktor (Autor, 20%) - KOZUBÍK, Alois (Autor,
20%) - KOVAL, Ján (Autor, 20%) - FEDOROČKO, Peter (Autor, 20%)]

- AFD10 The identification of new genes related to cisplatin resistance in ovarian adenocarcinoma cell
line A2780 / Peter Solár ... [et al.] ; recenzenti B. Šmajda, M. Pöschl, H. Mičková. - CD-ROM.
Rádiobiologická konferencia s medzinárodnou účasťou venovaná 20. výročiu jadrovej havárie v
Černobyle (3. : 25. máj 2006 : Košice, Slovensko);
In: 3. rádiobiologická konferencia s medzinárodnou účasťou venovaná 20. výročiu jadrovej
havárie v Černobyle : Košice, 25. máj 2006 [elektronický zdroj]. - Košice : Univerzita
veterinárskeho lekárstva v Košiciach, 2006. - ISBN 8080770263. - S. 309-317.
[SOLÁR, Peter (Autor, 25%) - SYTKOWSKI, Arthur (Autor, 25%) - HODOROVÁ, Ingrid (Autor,
25%) - FEDOROČKO, Peter (Autor, 25%)]

- AFD11 Heat shock protein GP96 a jeho prítomnosť v nádorových bunkách mliečnej žľazy / I. Hodorová
... [et al.].
Košický morfológický deň (10. : 31.05.2007 : Košice, Slovensko);
In: Morfológia včera, dnes a zajtra. - Prešov : Michal Vaško - Vydavateľstvo, 2007. - ISBN
9788071656203. - S. 62-65. Projekt: Erytropoetín a jeho vplyv na rast nádorov in vitro a in vivo
- APVT APVT-20-012104 ; Molekulárno-biologická podstata nežiadúceho účinku erytropoetínu
v terapii nádorovej bunky - VEGA 1/3253/06.
[OV 180];

[HODOROVÁ, Ingrid (Autor, 40%) - RYBÁROVÁ, Silvia (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - VECANOVÁ, Janka (Autor, 10%) - MELLOVÁ, Yveta (Autor, 20%) - SCHMIDTOVÁ, Katarína (Autor, 10%)]

MSEP 014131

AFD12 Atorvastatin in the chemoprevention of mammary carcinogenesis in female rats / K.

Žihlavičková... [et al.].

Súťaž mladých onkológov (10.03.2010 : Bratislava, Slovensko);

In: Súťaž mladých onkológov. - Bratislava : Ústav experimentálnej onkológie, 2010. - ISBN 9788097040369. - S. 77-81.

[OV 180];

[ŽIHĽAVNÍKOVÁ, Katarína (Autor, 40%) - KUBATKA, Peter (Autor, 20%) - PÉČ, Martin (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - VALENTOVÁ, Vanda (Autor, 10%) - KAJO, Karol (Autor, 10%)]

MSEP 036736

AFD13 Modulácia zápalu v pečeni myši s infekciou cestódou *Mesocostoides vogae* po liečbe antihelmintikom praziquantelom v kombinácii s flavonoidom / Hrčková, G. ... [et al.]. - Recenzenti Jaroslav Legáth, Lýdia Čisláková.

Ekológia a veterinárna medicína VIII. Hygienické a ekologické problémy vo vzťahu k veterinárnej medicíne. Medzinárodná vedecká konferencia (8. : 22.-23.9.2011 : Košice, Slovensko);

In: Ekológia a veterinárna medicína VIII. : zborník referátov z medzinárodnej vedeckej konferencie : 22. - 23. september 2011, Košice. - Košice : UVL, 2011. - ISBN 9788080772499. - S. 153-155.

[HRČKOVÁ, Gabriela (Autor, 30%) - MRÁZOVÁ, Mária (Autor, 20%) - VENDELOVÁ, Emília (Autor, 20%) - VELEBNÝ, Samuel (Autor, 15%) - SOLÁR, Peter (Autor, 15%)]

SSEP 012331

AFD14 Účinok liečby antihelmintikom praziquantelom v kombinácii s flavonoidom na zápal a peritoneálnu infekciu cestódou *Mesocostoides vogae* / Vendel'ová, E., Hrčková, G., Solár, P. - Recenzenti Jaroslav Leháth, Lýdia Čisláková.

Ekológia a veterinárna medicína VIII. Hygienické a ekologické problémy vo vzťahu k veterinárnej medicíne. Medzinárodná vedecká konferencia (8. : 22.-23.9.2011 : Košice, Slovensko);

In: Ekológia a veterinárna medicína VIII. : zborník referátov z medzinárodnej vedeckej konferencie konanej pri príležitosti nedeľného 90. výročia narodenia prof. MVDr. Jána Rosochu, CSc. : 22. - 23. september 2011, Košice. - Košice : Univerzita veterinárskeho lekárstva a farmácie v Košiciach, 2011. - ISBN 9788080772499. - S. 250-253.

[VENDELOVÁ, Emília (Autor, 40%) - HRČKOVÁ, Gabriela (Autor, 30%) - SOLÁR, Peter (Autor, 30%)]

SSEP 012330

AFD15 Proangiogénny účinok erytropoetínu a stimulácia jeho tvorby pôsobením 17 β -estradiolu v ovariálnych nádorových bunkách / Ján Kriška, Peter Solár, Peter Fedoročko; recenzoval Imrich Zelenák.

Seminár doktorandov venovaný pamiatke akademika Boďu (7. : 10. - 11. september 2012 : Košice, Slovensko);

In: Vedecké práce doktorandov 2012 : zborník zo seminára doktorandov venovaného pamiatke akademika Boďu : VII. ročník : 10. - 11. september 2012, Košice. - Košice : Ústav fyziológie hospodárskych zvierat SAV, 2012. - ISBN 9788096861897. - S. 87-89. Projekt: VEGA 1/0296/09 ; LPP 0062-09 ; APVV 0040-10 ; VVCE 0001-07.

[KRIŠKA, Ján (Autor, 60%) - SOLÁR, Peter (Autor, 25%) - FEDOROČKO, Peter (Autor, 15%)]

SSEP 013366

AFD16 Vplyv 17 β -estradiolu na erytropoetínom navodenú angiogézu ovariálnych nádorových buniek / Ján Kriška, Peter Solár, Peter Fedoročko ; recenzenti Jozef Bizík, Soňa Čierniková, Jela Brozmanová.

Súťaž mladých onkológov (6. - 7. marec 2012 : Bratislava, Slovensko);

In: Súťaž mladých onkológov : zborník prednášok : 6. - 7. marec 2012, Bratislava. - Bratislava : Nadácia Výskumu rakoviny, 2012. - ISBN 9788097092658. - S. 44-47. Projekt: VEGA 1/0296/09 ; VEGA 1/0240/08 ; LPP 0062/09 ; APVV 0040/10 ; VVCE 0001/07 ; SEPO II 26220120039.
[KRIŠKA, Ján (Autor, 50%) - SOLÁR, Peter (Autor, 35%) - FEDOROČKO, Peter (Autor, 15%)]

SSEP 013120

- AFD17 Anticancer and antiproliferative effects of atranorin on mammary cancer 4T1 and normal NMuMG cells / Lenka Koptašiková ... [et al.] ; recenzenti Jozef Halgoš, Alžbeta Blehová, Hana Drahovská et al. - CD-ROM.
Študentská vedecká konferencia PriF UK 2013 (24. apríl 2013 : Bratislava, Slovensko);
In: Študentská vedecká konferencia PriF UK 2013 : zborník recenzovaných príspevkov : 24. apríl 2013, Bratislava [elektronický zdroj]. - Bratislava : Univerzita Komenského v Bratislave, 2013. - ISBN 9788022333924. - S. 1065-1070. Projekt: VEGA 1/0733/12.
[KOPTAŠIKOVÁ, Lenka (Autor, 45%) - SOLÁR, Peter (Autor, 30%) - JENDŽELOVSKÝ, Rastislav (Autor, 15%) - FERENC, Peter (Autor, 5%) - FEDOROČKO, Peter (Autor, 5%)]

SSEP 014332

- AFD18 Vzťah erytropoetínového receptora k citlivosti buniek adenokarcinómu mliečnej žľazy na tamoxifen / Hurtuková, L. ... [et al.] ; recenzenti Beáta Koréneková, Katarína Beňová.
Vedecké práce doktorandov 2015 : seminár doktorandov venovaný pamiatke akademika Boďu (10. : 8. - 9. september 2015 : Košice, Slovensko);
In: Vedecké práce doktorandov 2015 : zborník zo seminára doktorandov venovaného pamiatke akademika Boďu 10. ročník : 8. - 9. september 2015, Košice. - Košice : Ústav fyziológie hospodárskych zvierat SAV, 2015. - ISBN 9788097142827. - S. 34-36. Projekt: VEGA 1/0394/15 ; VVGS 2014-190 ; VVGS 2014-449.
[OV 180];
[ILKOVIČOVÁ, Lenka (Autor, 40%) - SZENTPÉTERIOVÁ, Erika (Autor, 30%) - FECKOVÁ, Barbora (Autor, 10%) - SOLÁR, Peter (Autor, 20%)]

SSEP 016058

- AFD19 Erytropoetínový receptor a jeho úloha v citlivosti nádorovej bunky mliečnej žľazy na tamoxifen / Lenka Ilkovičová ... [et al.] ; recenzenti Soňa Čierniková, Jozef Bízík, Ján Sedlák, Jela Brozmanová.
Súťaž mladých onkológov 2016 (9. marec 2016 : Košice, Slovensko);
In: Súťaž mladých onkológov 2016 : zborník prednášok : 9. marec 2016, Košice. - Bratislava : Nadácia Výskum rakoviny, 2016. - ISBN 9788097162115. - S. 52-57.
[OV 180];
[ILKOVIČOVÁ, Lenka (Autor, 60%) - SZENTPÉTERIOVÁ, Erika (Autor, 15%) - FECKOVÁ, Barbora (Autor, 10%) - SOLÁR, Peter (Autor, 15%)]

SSEP 016774

- AFD20 Far-western blot analýza erytropoetínového receptora a jeho funkčnosti / Barbora Fecková ... [et al.] ; recenzenti Soňa Čierniková, Jozef Bízík, Ján Sedlák, Jela Brozmanová.
Súťaž mladých onkológov 2016 (9. marec 2016 : Košice, Slovensko);
In: Súťaž mladých onkológov 2016 : zborník prednášok : 9. marec 2016, Košice. - Bratislava : Nadácia Výskum rakoviny, 2016. - ISBN 9788097162115. - S. 30-34.
[OV 180];
[FECKOVÁ, Barbora (Autor, 60%) - ILKOVIČOVÁ, Lenka (Autor, 10%) - SZENTPÉTERIOVÁ, Erika (Autor, 10%) - SOLÁR, Peter (Autor, 20%)]

SSEP 016773

- AFD21 Úloha erytropoetínového receptora v zvýšenej rezistencii buniek adenokarcinómu mliečnej žľazy RAMA 37-28 na paklitaxel / Szentpéteriová E. ... [et al.] ; recenzenti Alexandra Valenčáková, Katarína Beňová.
Seminár doktorandov venovaný pamiatke akademika Boďu (12. : 6.-7.9.2017 : Košice, Slovensko);
In: Vedecké práce doktorandov 2017 : zborník zo seminára doktorandov venovaného pamiatke akademika Boďu, XII. ročník : 6.-7. 9.2017, Košice. - Košice : Ústav fyziológie hospodárskych

zvierat, 2017. - ISBN 9788097142858. - S. 63-65. Projekt: VVGS 2016-72617 ; VEGA 1/0394/15.
[OV 180];
[SZENTPÉTERIOVÁ, Erika (Autor, 60%) - ILKOVIČOVÁ, Lenka (Autor, 15%) - FECKOVÁ, Barbora (Autor, 5%) - KIMÁKOVÁ, Patrícia (Autor, 5%) - SOLÁR, Peter (Autor, 15%)]

SSEP 018586

- AFD22 Antidiabetikum metformín v kombinácii s melatonínom v prevencii rakoviny prsníka / Bianka Bojková ... [et al.] ; recenzenti Jozef Bízik, Ján Sedlák, Jela Brozmanová, Roman Bohovič. Súťaž mladých onkológov 2018 (07.03.2018 : Martin, Slovensko);
In: Súťaž mladých onkológov 2018 : zborník prednášok. - Bratislava : Nadácia Výskum rakoviny, 2018. - ISBN 9788097162122. - S. 160-166. Projekt: Vplyv podávania metformínu, pioglitazónu a melatonínu v mamárnej karcinogénéze in vivo - VEGA 1/0153/13 ; Hodnotenie protinádorových účinkov rastlinných funkčných potravín v modeli rakoviny prsníka - VEGA 1/0108/16 ; Medicínsky univerzitný vedecký park v Košiciach (MediPark, Košice - Fáza II.) - MŠVVaŠ SR ITMS 313011D103.
[OV 130, 180];
[BOJKOVÁ, Bianka (Autor, 30%) - KISKOVÁ, Terézia (Autor, 20%) - KAJO, Karol (Autor, 20%) - KUBATKA, Peter (Autor, 10%) - SOLÁR, Peter (Autor, 5%) - ŽÚBOR, Pavol (Autor, 5%) - PÉČ, Martin (Autor, 5%) - ADAMKOV, Marian (Autor, 5%)]

SSEP 019330

- AFD23 Detekcia erytropoetínového receptora v nádorových bunkách / Erika Szentpéteriová ... [et al.] ; recenzenti Jozef Bízik, Ján Sedlák, Jela Brozmanová, Roman Bohovič. Súťaž mladých onkológov 2018 (07.03.2018 : Martin, Slovensko);
In: Súťaž mladých onkológov 2018 : zborník prednášok. - Bratislava : Nadácia Výskum rakoviny, 2018. - ISBN 9788097162122. - S. 113-117. Projekt: Erytropoetínový receptor v adenokarcinóme mliečnej žľazy a jeho úloha v rezistencii na tamoxifén - VEGA 1/0394/15 ; Medicínsky univerzitný vedecký park v Košiciach (MediPark, Košice - Fáza II.) - MŠVVaŠ SR ITMS 313011D103.
[OV 180];
[FECKOVÁ, Barbora (Autor, 85%) - SZENTPÉTERIOVÁ, Erika (Autor, 10%) - SOLÁR, Peter (Autor, 5%)]

SSEP 019456

- AFD24 Protinádorový efekt klinčeka v animálnom modeli karcinómu prsníka / Súťaž mladých onkológov 2018 (07.03.2018 : Martin, Slovensko);
In: Súťaž mladých onkológov 2018 : zborník prednášok. - Bratislava : Nadácia Výskum rakoviny, 2018. - ISBN 9788097162122. - S. 49-54. Projekt: Hodnotenie protinádorových účinkov rastlinných funkčných potravín v modeli rakoviny prsníka - VEGA 1/0108/16.
[OV 180];
[URAMOVÁ, Soňa (Autor, 24%) - KUBATKA, Peter (Autor, 24%) - KELLO, Martin (Autor, 10%) - KAJO, Karol (Autor, 5%) - MOJŽIŠ, Ján (Autor, 5%) - VÝBOHOVÁ, Desanka (Autor, 5%) - ADAMKOV, Marian (Autor, 5%) - JAŠEK, Karin (Autor, 4%) - LASABOVÁ, Zora (Autor, 3%) - ŽÚBOR, Pavol (Autor, 3%) - SOLÁR, Peter (Autor, 3%) - BITTNER FIALOVÁ, Silvia (Autor, 3%) - PÉČ, Martin (Autor, 3%) - DANKO, Ján (Autor, 3%)]

MSEP 029927

- AFD25 Vplyv erytropoetínu a jeho receptora na osud nádorovej bunky v prostredí paklitaxelu / Erika Szentpéteriová ... [et al.] ; recenzenti Jozef Bízik, Ján Sedlák, Jela Brozmanová, Roman Bohovič. Súťaž mladých onkológov 2018 (07.03.2018 : Martin, Slovensko);
In: Súťaž mladých onkológov 2018 : zborník prednášok. - Bratislava : Nadácia Výskum rakoviny, 2018. - ISBN 9788097162122. - S. 118-122. Projekt: Medicínsky univerzitný vedecký park v Košiciach (MediPark, Košice - Fáza II.) - MŠVVaŠ SR ITMS 313011D103.
[OV 180];
[SZENTPÉTERIOVÁ, Erika (Autor, 65%) - KIMÁKOVÁ, Patrícia (Autor, 15%) -

ILKOVIČOVÁ, Lenka (Autor, 5%) - FECKOVÁ, Barbora (Autor, 10%) - SOLÁR, Peter (Autor, 5%)]

SSEP 019455

AFE - Abstrakty pozvaných príspevkov zo zahraničných vedeckých konferencií (1)

- AFE1 Erytropoetínový receptor a nádorová bunka: súčasný výskum a metodológia / Solár Peter ... [et al.].
Biochemický sjezd České společnosti pro biochemii a molekulární biologii a Slovenské společnosti pre biochémiu a molekulárnu biológiu (25. : 13. - 16. september 2016 : Praha, Česká republika);
In: XXV. biochemický sjezd České společnosti pro biochemii a molekulární biologii a Slovenské společnosti pre biochémiu a molekulárnu biológiu : sborník přednášek a posterů : 13. - 16. september 2016, Praha. - Praha : Venice, 2016. - ISBN 9788027003310. - S. 123. Projekt: VEGA 1/0394/15.
[OV 180];
[SOLÁR, Peter (Autor, 20%) - ILKOVIČOVÁ, Lenka (Autor, 20%) - FECKOVÁ, Barbora (Autor, 20%) - SZENTPÉTERIOVÁ, Erika (Autor, 20%) - KIMÁKOVÁ, Patrícia (Autor, 20%)]

SSEP 017059

AFG - Abstrakty príspevkov zo zahraničných vedeckých konferencií (19)

- AFG1 Metabolic and hormonal changes in continuously irradiated rats are influenced by exogenous melatonin / I. Ahlers, E. Ahlersová, M. Sabol, P. Solár, M. Kassayová, B. Šmajda.
In: Radiation biology and its application in space research : 2. symposium on : Mutation induction by Ionizing radiation : from energy deposition to risk estimation (intensive course) : 10-12 november 1994, Nedvědice, Czech Republic. - 1994.
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - KASSAYOVÁ, Monika (Autor) - SABOL, Marián (Autor) - SOLÁR, Peter (Autor) - ŠMAJDA, Beňadik (Autor)]
- AFG2 Metabolic and hormonal changes in continuously irradiated rats are influenced by exogenous melatonin / Ivan Ahlers, Eva Ahlersová, Marián Sabol, Peter Solár, Monika Kassayová, Beňadik Šmajda.
In: Zborník II. Symposium on Radiation Biology and its Application in Space Research, Nedvědice, Czech Republic, 10-12 november. - (1994).
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - KASSAYOVÁ, Monika (Autor) - SABOL, Marián (Autor) - SOLÁR, Peter (Autor) - ŠMAJDA, Beňadik (Autor)]

SSEP 01631

SSEP 01566

- AFG3 Low sensitivity of female Wistar. Han rats to chemical carcinogens in mammary carcinogenesis initiation / I. Ahlers ... [et al.].
In: Physiological Research. - ISSN 0862-8408. - Vol. 46, no.2 (1997), s. 30.
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - BUREŠOVÁ, Adriana (Autor) - KASSAYOVÁ, Monika (Autor) - SOLÁR, Peter (Autor) - ŠMAJDA, Beňadik (Autor)]

SSEP 03445

- AFG4 Radiačná karcinogenéza : súčasné problémy / Ivan Ahlers ... [et al.].
Laser a medicína 98. 21.-23.5.1998) (Praha;
In: Laser a medicina'98 : rádiobiologické sympozium : mezinárodní kongres : program sborník abstrakt : Praha 21.-23. května 1998. - Praha : Radiobiologická společnost české lékařské společnosti Jana Evangelisty Purkyně, 1998. - S. 3PP.
[AHLERS, Ivan (Autor) - AHLERSOVÁ, Eva (Autor) - CHAMILOVÁ, Martina (Autor) - KALICKÁ, Katarína (Autor) - KUBATKA, Peter (Autor) - ONDERKOVÁ, Heidemarie (Autor) - SOLÁR, Peter (Autor)]

SSEP 03499

- AFG5 Effect of acetazolamide on photocytotoxicity of hypericin / I. Čavarga ... [et al.].
Cells II. 5.-6.9.2000) (České Budějovice;
In: CELLS II : organized by Biological Faculty of South Bohemian University, Institute of Entomology Czech Academy of Sciences, Society of Cell Biology, Society for Biochemistry and

Molecular Biology : 5th-6th September 2000, České Budějovice. - České Budějovice : Kopp, 2000. - ISBN 80-7232-120-x. - S. 76.

[ČAVARGA, Ivan (Autor) - SOLÁR, Peter (Autor) - ČEKANOVÁ, Mária (Autor) - CELLÁROVÁ, Eva (Autor) - FEDOROČKO, Peter (Autor)]

SSEP 03110

- AFG6 Effect of gamma radiation on cell lines HL-60, U937, G5:1:13 and its combination with the photodynamic therapy / M. Čekanová ... [et al.].
Cells II. 5.-6.9.2000) (České Budějovice;
In: CELLS II : organized by Biological Faculty of South Bohemian University, Institute of Entomology Czech Academy of Sciences, Society of Cell Biology, Society for Biochemistry and Molecular Biology : 5th-6th September 2000. - České Budějovice : Kopp, 2000. - ISBN 80-7232-120-x. - S. 79.

[ČEKANOVÁ, Mária (Autor) - SOLÁR, Peter (Autor) - ČAVARGA, Ivan (Autor) - CELLÁROVÁ, Eva (Autor) - FEDOROČKO, Peter (Autor)]

SSEP 03111

- AFG7 Využitie hypericínu vo fotodynamickej terapii malígnych nádorov / I. Čavarga ... [et al.].
In: Acta Radiobiologica. - Č. 1 (2001), s. 12-13.
[ČAVARGA, Ivan (Autor) - BREZÁNI, Peter (Autor) - ČEKANOVÁ, Mária (Autor) - SOLÁR, Peter (Autor) - FEDOROČKO, Peter (Autor) - MIŠKOVSKÝ, Pavol (Autor) - ŠTUBŇA, Ján (Autor)]

SSEP 04048

- AFG8 Inhibícia COX-2 neovplyvňuje terapeutický výsledok fotodynamickej terapie s hypericínom in vitro experimentoch napriek zvýšenej expresii tohto proteínu / Mikeš, J. ... [et al.].
In: Analytická cytometrie III : konference se zahraniční účastí : sborník abstraktů : Červenohorské sedlo, 21. - 25. června 2005. - Červenohorské sedlo : Česká společnost pro analytickou cytologii, 2005. - S. 147.

[MIKEŠ, Jaromír (Autor) - KLEBAN, Ján (Autor) - SAČKOVÁ, Veronika (Autor) - SEMELÁKOVÁ, Martina (Autor) - SOLÁR, Peter (Autor) - HORVÁTH, Viktor (Autor) - KOZUBÍK, Alois (Autor) - HOFMANOVÁ, Jiřina (Autor) - FEDOROČKO, Peter (Autor)]

SSEP 008242

- AFG9 Detection of gp96 in normal breast tissue and breast carcinoma / Ingrid Hodorová... [et al.].
In: Morphology 2006 : 43rd International Congress on Anatomy : 43rd Lojda Symposium on Histochemistry, Prague, September 3-6, 2006 : programme, abstracts. - Praha, 2006. - S. 71.
[HODOROVÁ, Ingrid (Autor) - MELLOVÁ, Yveta (Autor) - RYBÁROVÁ, Silvia (Autor) - SCHMIDTOVÁ, Katarína (Autor) - SOLÁR, Peter (Autor) - VECANOVÁ, Janka (Autor)]

SSEP 006978

- AFG10 Detection of gp96 in normal breast tissue and breast carcinoma / Ingrid Hodorová ... [et al.].
In: Morphology 2006 : 43rd International Congress on Anatomy : 43rd Lojda Symposium on Histochemistry, Prague, September 3-6, 2006 : programme, abstracts. - Praha, 2006. - S. 71.
[HODOROVÁ, Ingrid (Autor) - MELLOVÁ, Yveta (Autor) - RYBÁROVÁ, Silvia (Autor) - SCHMIDTOVÁ, Katarína (Autor) - SOLÁR, Peter (Autor) - VECANOVÁ, Janka (Autor)]

MSEP 012581

- AFG11 Erythropoietin induces paclitaxel resistance in ovarian adenocarcinoma cells / Peter Solár, Laurie Feldman, Arthur Sytkowski.
In: New development in the Epidemiology of Cancer Prognosis: Traditional and Molecular Predictors of Treatment Response and Survival : in conjunction with the Molecular Epidemiology Working Group of the AACR : An AACR Special Conference in Cancer Research : January 11-15, 2006 : Charleston, South Carolina. - ., 2006. - S. 10.
[SOLÁR, Peter (Autor) - FELDMAN, Laurie (Autor) - SYTKOWSKI, Arthur (Autor)]

SSEP 006921

- AFG12 Hypericin induced phototoxicity is enhanced by tyrosine kinase inhibitor genistein / Peter Ferenc... [et al.].
In: 15th Euroconference on Apoptosis & 4th Training course on Concepts and Methods in Programmed Cell Death : Programme and Book of abstracts : Portoroz, Slovenia, October 26-31,

2007. - Portoroz, 2007. - S. P65.

[FERENC, Peter (Autor) - KLEBAN, Ján (Autor) - MIKEŠ, Jaromír (Autor) - SOLÁR, Peter (Autor)]

SSEP 007664

AFG13 Down-regulation of hepatic fibrogenesis and TGF-B expression during metacestode infection following silymarin therapy is mediated by elimination of oxidative stress / G. Hrcková ... [et al.].

Liver Fibrogenesis : Common and Organ specific Mechanisms 17.-18.jún 2011 : Petersberg, Nemecko);

In: Liver Fibrogenesis : Common and Organ specific Mechanisms : abstracts : 17.-18.jún 2011, Petersberg (Nemecko). - Ženeva, 2011. - S. [1]. Projekt: VEGA 2/0188/10.

[HRČKOVÁ, Gabriela (Autor, 40%) - VELEBNÝ, Samuel (Autor, 25%) - SOLÁR, Peter (Autor, 25%) - DVOROŽŇÁKOVÁ, Emília (Autor, 10%)]

SSEP 012208

AFG14 Štúdium imunomodulačného účinku probiotického kmeňa *L. plantarum* - Biocenol LP96 in vitro / M. Chytilová ... [et al.].

Kongres Československé společnosti mikrobiologické s mezinárodní účastí (26. : 24. - 26. júna 2013 Brno, Česká republika);

In: 26. Kongres Československé společnosti mikrobiologické s mezinárodní účastí : program abstrakty : 24. - 26. júna 2013, Brno. - Praha-Bratislava : Československá společnost mikrobiologická, 2013. - ISBN 9788026045076. - S. 181.

[CHYTILOVÁ, Mária (Autor, 30%) - KŠONŽEKOVÁ, Petra (Autor, 25%) - SOLÁR, Peter (Autor, 25%) - TKÁČIKOVÁ, Ľudmila (Autor, 20%)]

SSEP 014288

AFG15 The resistance of mammary breast adenocarcinoma to photodynamic therapy with hypericin is associated with increased SOD-2 activity / P. Kimáková ... [et al.].

International Meeting of the European Society of Gynaecological Oncology (18. : 19. - 22. október 2013 : Liverpool, GB);

In: International Journal of Gynecological Cancer. - ISSN 1048-891X. - Vol. 23, no. 8 (2013), s. [1]. Projekt: VVGS I-13-002-06 ; VEGA 1/0733/12.

[KIMÁKOVÁ, Patrícia (Autor, 50%) - SOLÁR, Peter (Autor, 40%) - SAČKOVÁ, Veronika (Autor, 5%) - FEDOROČKO, Peter (Autor, 5%)]

SSEP 014694

AFG16 Characterization of erythropoietin receptor isotypes in human ovarian adenocarcinoma and normal endothelial cells / P. Kimáková ... [et al.].

Regional IGCS Meeting 2014 (3. : 16 - 18 máj 2014: Cape Town, South Africa);

In: International Journal of Gynecological Cancer. - ISSN 1048-891X. - Vol. 24, suppl. 1 (2014), s. 60-61. Projekt: VEGA 1/0733/12.

[OV 020];

[KIMÁKOVÁ, Patrícia (Autor, 30%) - FECKOVÁ, Barbora (Autor, 30%) - ILKOVIČOVÁ, Lenka (Autor, 10%) - BHIDE, Mangesh (Autor, 10%) - SOLÁR, Peter (Autor, 20%)]

SSEP 015281

AFG17 Angiogenic potential of hypoxic conditioned media from ovarian adenocarcinoma A2780 cells: the effect of erythropoietin / Patrícia Kimáková ... [et al.].

International Luebeck conference on the Pathophysiology and Pharmacology of Erythropoietin and other Hemopoietic Growth Factors (10. : 3. - 5. jún 2015 : Luebeck, Germany);

In: American Journal of Hematology. - ISSN 0361-8609. - Vol. 90, no. 8 (2015), s. [1].

[OV 180];

[KIMÁKOVÁ, Patrícia (Autor, 20%) - ILKOVIČOVÁ, Lenka (Autor, 20%) - FECKOVÁ, Barbora (Autor, 20%) - VARINSKÁ, Lenka (Autor, 10%) - SOLÁROVÁ, Zuzana (Autor, 10%) - DEBELJAK, Nataša (Autor, 5%) - SOLÁR, Peter (Autor, 15%)]

SSEP 015955

AFG18 Erythropoietin receptor modulates breast cancer cell response to tamoxifen treatment / Nina Trošt ... [et al.].

International Luebeck conference on the Pathophysiology and Pharmacology of Erythropoietin and other Hemopoietic Growth Factors (10. : 3. - 5. jún 2015 : Luebeck, Germany);

In: American Journal of Hematology. - ISSN 0361-8609. - Vol. 90, no. 8 (2015), s. [1].

[OV 180];

[TROŠT, Nina (Autor, 12%) - HEVIR, Neli (Autor, 12%) - KIMÁKOVÁ, Patrícia (Autor, 10%) - ILKOVIČOVÁ, Lenka (Autor, 10%) - FECKOVÁ, Barbora (Autor, 10%) - LANIŠNIK RIŽNER, Tea (Autor, 12%) - KOMEL, Radovan (Autor, 12%) - SOLÁR, Peter (Autor, 10%) - DEBELJAK, Nataša (Autor, 12%)]

SSEP 015954

- AFG19 The effect of deprenyl administration on antioxidant status of rat testis / Ingrid Hodorova ... [et al.].

Morphology 2015 : 49th International Congress of the Czech Anatomical Society : 52th Lojda Symposium on Histochemistry (52. : 6.-8.9.2015 : Olomouc, Česko);

In: Biomedical Papers. - ISSN 1213-8118. - Vol. 159, suppl. 1 (2015), s. S12. Projekt: VEGA 1/0928/11 ; VEGA 1/0394/15 ; VEGA 1/0224/12.

[OV 180, 130];

[HORVÁTHOVÁ, Františka (Autor, 55%) - DANIELISOVÁ, Viera (Autor, 10%) - KUCHAROVÁ, Barbora (Autor, 5%) - SOLÁR, Peter (Autor, 10%) - RYBÁROVÁ, Silvia (Autor, 5%) - HODOROVÁ, Ingrid (Autor, 5%) - MIHALIK, Jozef (Autor, 10%)]

MSEP 026458

AFH - Abstrakty príspevkov z domácich vedeckých konferencií (13)

- AFH1 Differences between expression of gp96 in samples of normal ovary and ovarian carcinoma / Silvia Rybárová, Ingrid Hodorová, Peter Solár, Janka Vecanová, Katarína Schmidtová.
In: Morphology 2007 : 41st International Congress of Slovak Anatomical Society and 41st Lojda Symposium on Histochemistry "Progress in Basic, Applied and Diagnostic Histochemistry", Bratislava, September 9 - 12, 2007 : programme and abstracts. - Bratislava : Slovak Anatomical Society, Slovak Society for Histochemistry and Cytochemistry, 2007. - ISBN 978-80-89305-01-8. - S. 86.
[RYBÁROVÁ, Silvia (Autor) - HODOROVÁ, Ingrid (Autor) - SCHMIDTOVÁ, Katarína (Autor) - SOLÁR, Peter (Autor) - VECANOVÁ, Janka (Autor)]

MSEP 014140

- AFH2 Differences between expression of gp96 of normal ovary and ovarian carcinoma / Silvia Rybárová... [et al.].
In: Morphology 2007 : 41st International Congress of Slovak Anatomical Society and 41st Lojda Symposium on Histochemistry "Progress in Basic, Applied and Diagnostic Histochemistry", Bratislava, September 9 - 12, 2007 : programme and abstracts. - Bratislava : Slovak Anatomical Society, Slovak Society for Histochemistry and Cytochemistry, 2007. - ISBN 978-80-89305-01-8. - S. 86.
[RYBÁROVÁ, Silvia (Autor) - HODOROVÁ, Ingrid (Autor) - SCHMIDTOVÁ, Katarína (Autor) - SOLÁR, Peter (Autor) - VECANOVÁ, Janka (Autor)]

SSEP 007728

- AFH3 Erythropoietin inhibits apoptosis induced by photodynamic therapy in ovarian cancer cells / Peter Solár... [et al.].
In: Synthetic and natural compounds in cancer therapy and prevention : Bratislava, March 28-30, 2007 : book of abstracts. - Bratislava, 2007. - ISBN 978-80-969663-2-5. - S. 59.
[SOLÁR, Peter (Autor) - KOVAL', Ján (Autor) - KLEBAN, Ján (Autor) - SOLÁROVÁ, Zuzana (Autor) - LAZÚR, Ján (Autor) - FEDOROČKO, Peter (Autor) - SYTKOWSKI, Arthur (Autor)]

SSEP 007266

- AFH4 Expression of MDR1 and MRP1 in human kidney proximal tubules and in Wilms tumors / I. Hodorová ... [et al.].
Morphology 2007 (41. : 09.-12.09.2007 : Bratislava, Slovensko);
In: Morphology 2007. - Bratislava : Slovak Anatomical Society, 2007. - ISBN 9788089305018. - S. 45-45.

- [OV 180];
[HODOROVÁ, Ingrid (Autor, 16.667%) - PLANK, Lukáš (Autor, 16.667%) - BOHUŠ, Peter (Autor, 16.666%) - SOLÁR, Peter (Autor, 16.667%) - RYBÁROVÁ, Silvia (Autor, 16.666%) - MELLOVÁ, Yvetta (Autor, 16.667%)]
- SSEP 007727
- AFH5 Hypericin induced phototoxicity is enhanced by tyrosine kinase inhibitor genistein / Peter Ferenc... [et al.].
In: Synthetic and natural compounds in cancer therapy and prevention : Bratislava, March 28-30, 2007 : book of abstracts. - Bratislava, 2007. - ISBN 978-80-969663-2-5. - S. 57.
[FERENC, Peter (Autor) - KLEBAN, Ján (Autor) - MIKEŠ, Jaromír (Autor) - SOLÁR, Peter (Autor)]
- SSEP 007267
- AFH6 Antiapoptotic effect of erythropoietin in ovarian cancer cells / Peter Solár ... [et al.].
In: Drug Resistance in Cancer : program and abstracts : 7.-11.jún 2008, Smolenice. - Bratislava : SAV, 2008. - ISBN 9788096995127. - S. 27. Projekt: APVT 20-012104 ; VEGA 1/3253/06.
[SOLÁR, Peter (Autor) - KOVAL, Ján (Autor) - MIKEŠ, Jaromír (Autor) - SOLÁROVÁ, Zuzana (Autor) - SYTKOWSKI, Arthur (Autor)]
- SSEP 011379
- AFH7 HSP90 protein as a target for improving photodynamic therapy / Solár, P. ... [et al.].
In: Natural Compounds in Cancer Prevention and Treatment : book of abstracts : 13.-15.október 2009, Smolenice. - ISBN 9788097012823. - S. 37. Projekt: VEGA 1/0296/09 ; APVV 20-012104.
[SOLÁR, Peter (Autor, 40%) - CHYTILOVÁ, Mária (Autor, 50%) - FERENC, Peter (Autor, 5%) - SOLÁROVÁ, Zuzana (Autor, 4%) - FEDOROČKO, Peter (Autor, 1%)]
- SSEP 010379
- AFH8 Chemoprevenca experimentálnej mamárnej karcinogenézy pomocou statínov = Chemopreventívny účinok statínov v experimentálnej mamárnej karcinogenéze [elektronický zdroj] / K. Kajo... [et al.].
Zjazd slovenských a českých patológov (18. : 23.-25.09.2010 : Košice, Slovensko);
In: 18. zjazd slovenských a českých patológov. - Košice : Univerzitná nemocnica L. Pasteura Košice, 2010. - ISBN 9788070978290. - S. 1-1, CD-ROM. Projekt: Centrum excelentnosti pre perinatologický výskum - ITMS ITMS 26220120016 ; Statíny aplikované samostatne alebo v kombinácii s ďalšími onkostatickými látkami v prevencii experimentálnej mamárnej karcinogenézy - VEGA 1/0029/08.
[OV 180];
[KAJO, Karol (Autor, 10%) - KUBATKA, Peter (Autor, 20%) - ŽIHLAVNÍKOVÁ, Katarína (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - PÉČ, Martin (Autor, 10%) - VALENTOVÁ, Vanda (Autor, 10%) - BOJKOVÁ, Bianka (Autor, 10%) - KASSAYOVÁ, Monika (Autor, 5%) - AHLERS, Ivan (Autor, 5%) - ŽÚBOR, Pavol (Autor, 10%)]
- SSEP 011402
- AFH9 Chemopreventívny účinok statínov v experimentálnej mamárnej karcinogenéze / Kajo, K. ... [et al.].
In: XVII. Kongres Slovenskej gynekologicko-pôrodníckej spoločnosti SLS : zborník abstraktov : 30.september-2.október 2010, Martin. - Martin, 2010. - S. A12. Projekt: ITMS 26220120016 ; VEGA 1/0029/08.
[KAJO, Karol (Autor) - KUBATKA, Peter (Autor) - ŽIHLAVNÍKOVÁ, Katarína (Autor) - SOLÁR, Peter (Autor) - PÉČ, Martin (Autor) - VALENTOVÁ, Vanda (Autor) - ŽÚBOR, Pavol (Autor) - BOJKOVÁ, Bianka (Autor) - KASSAYOVÁ, Monika (Autor) - AHLERS, Ivan (Autor)]
- SSEP 011874
- AFH10 Erythropoietin receptor and ovarian cancer cells: from resistance to angiogenesis / Peter Solar ... [et al.]. - VVCE 0001-07.
Drugs Resistance in Cancer (2. : 29.05.-01.06.2011 : Smolenice, Slovensko);
Drugs Resistance in Cancer (2. : 29.05.-01.06.2011 : Smolenice, Slovensko);

In: 2nd Drug Resistance in Cancer. - Bratislava : Slovenská akadémia vied, 2011. - ISBN 9788097012847. - S. 7-7. Projekt: VEGA 1/0296/09 ; Hypericum spp. ako zdroj bioaktívnych látok s protinádorovou aktivitou - APVV APVV-0321-07.
[SOLÁR, Peter (Autor, 45%) - VARINSKÁ, Lenka (Autor, 20%) - HRČKOVÁ, Gabriela (Autor, 20%) - KRIŠKA, Ján (Autor, 5%) - SOLÁROVÁ, Zuzana (Autor, 5%) - MOJŽIŠ, Ján (Autor, 3%) - FEDOROČKO, Peter (Autor, 2%)]

SSEP 012062

- AFH11 Effect of 17- β estradiol on production and secretion of erythropoietin and other angiogenic factors in ovarian cancer cells / Ján Kriška, Peter Solár, Peter Fedoročko.
Week of Doctoral Studies 2012 (21. - 25. máj 2012 : Nový Smokovec, Slovensko);
In: Week of Doctoral Studies 2012 : proceedings : 21. - 25. máj 2012, Nový Smokovec. - Košice : Faculty of Science of P.J. Šafárik University in Košice, 2012. - ISBN 9788081430183. - S. 155-156. Projekt: VEGA 1/0296/09 ; LPP 0062-09 ; APVV 0040-10 ; VVCE 0001-07.
[KRIŠKA, Ján (Autor, 60%) - SOLÁR, Peter (Autor, 25%) - FEDOROČKO, Peter (Autor, 15%)]

SSEP 013093

- AFH12 The detection of erythropoietin receptor by Far-western blot analysis / B. Fecková ... [et al.].
CEEPC 2017 : Central and Eastern European Proteomic Conference (11. : 27. - 29. september 2017 : Košice, Slovensko);
In: CEEPC 2017 : 11th Central and Eastern European Proteomic Conference : proceedings : 27. - 29. september 2017, Košice. - Košice : COPIVAIT, 2017. - ISBN 9788097201753. - S. 55.
Projekt: VVGS 2014-220 ; VEGA 1/0394/15 ; VVGS 2014-190.
[OV 180];
[FECKOVÁ, Barbora (Autor, 40%) - SZENTPÉTERIOVÁ, Erika (Autor, 40%) - KIMÁKOVÁ, Patrícia (Autor, 15%) - SOLÁR, Peter (Autor, 5%)]

SSEP 018595

- AFH13 GPX4 in preimplantation embryos and female genital organs of rat / Krehel'ová A. ... [et al.].
Morphology 2019 (45. : 05.-07.09.2019 : Štrbské Pleso, Vysoké Tatry, Slovensko);
Morphology 2019 (56. : 05.-07.07.2019 : Štrbské Pleso, Vysoké Tatry, Slovensko);
In: Morphology 2019. Conference programme and abstracts of the 45th International congress of Slovak Anatomical society and 56th Lojda symposium of Histochemistry. - Košice : Vydavateľstvo ŠafárikPress UPJŠ, 2019. - ISBN 9788081527586. - S. 38-39. Projekt: Vplyv podávania entacapone na antioxidačný status a reprodukčné parametre samcov potkana - VEGA 1/0173/19 ; Vplyv cytostatickej liečby na dynamiku exprese faktorov spôsobujúcich liekovú rezistenciu u experimentálne navodeného karcinómu mliečnej žľazy - VEGA 1/0204/16 ; Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19.
[OV 180];
[KREHEL'OVÁ, Andrea (Korešpondenčný autor, 35%) - MIHALIK, Jozef (Autor, 20%) - KOVAŘÍKOVÁ, Veronika (Autor, 10%) - DOMORÁKOVÁ, Iveta (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - PAVLIUK-KARACHEVTSEVA, Andriana (Autor, 5%) - RYBÁROVÁ, Silvia (Autor, 5%) - HODOROVÁ, Ingrid (Autor, 5%)]

MSEP 0317751

AFK - Postery zo zahraničných konferencií (3)

- AFK1 Fotocytotoxický účinok hypericínu je zosilnený acetazolamidom / Molnárová, V. ... [et al.].
In: Analytická cytometrie II : konference se zahraniční účastí : Brno 11. - 14. května 2003. - Brno, 2004. - S. 94.
[SAČKOVÁ, Veronika (Autor) - SZILÁRDIOVÁ, Beáta (Autor) - KLEBAN, Ján (Autor) - SOLÁR, Peter (Autor) - ČAVARGA, Ivan (Autor) - FEDOROČKO, Peter (Autor)]

SSEP 008248

- AFK2 Fotocytotoxicita hypericínu je vysoko závislá na jeho koncentrácii a celkovej dávke svetla / Jaromír Mikeš ... [et al.].
Analytická cytometrie (II. : 11.-14.5.2003) Brno;
In: Analytická cytometrie II : konference se zahraniční účastí : Brno 11. - 14. května 2003. -

Brno, 2004. - S. 93.

[MIKEŠ, Jaromír (Autor) - FEDOROČKO, Peter (Autor) - KLEBAN, Ján (Autor) - SAČKOVÁ, Veronika (Autor) - SOLÁR, Peter (Autor) - SZILÁRDIOVÁ, Beáta (Autor) - ČAVARGA, Ivan (Autor)]

SSEP 06512

- AFK3 Characterization of erythropoietin and estrogen receptors in breast cancer cell lines by Western, Far-western and Double blotting / Mateja Cigoj ... [et al.] ; recenzenti Marko Golincik, Ana Plemenitaš.

Meeting of the Slovenian Biochemical Society with International Participations (12. : 20. - 23. september 2017 : Bled, Slovenia);

In: 12th Meeting of the Slovenian Biochemical Society with International Participations : book of abstracts : 20. - 23. september 2017, Bled, Slovenia. - Ljubljana : Slovenian Biochemical Society, 2017. - ISBN 9789619387948. - S. 1.

[OV 180];

[CIGOJ, Mateja (Autor, 25%) - ČOP, Katja (Autor, 15%) - LEBAR, Blaž (Autor, 15%) - KOTNIK, Urška (Autor, 15%) - FECKOVÁ, Barbora (Autor, 15%) - SOLÁR, Peter (Autor, 5%) - KOMEL, Radovan (Autor, 5%) - DEBELJAK, Nataša (Autor, 5%)]

SSEP 018596

BAB - Odborné knižné publikácie vydané v domácich vydavateľstvách (1)

- BAB1 Lekárska Fakulta v Košiciach má 70 rokov / Roman Beňačka a kol. - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2018. - 270 s. [18,75 AH]. - ISBN 9788081526183.

[OV 180];

[BEŇAČKA, Roman (Autor, 1.6%) - BOMBA, Alojz (Autor, 1.6%) - CAPKOVÁ, Judita (Autor, 1.6%) - ČISLÁKOVÁ, Lýdia (Autor, 1.6%) - DANKULINCOVÁ VESELSKÁ, Zuzana (Autor, 1.6%) - DIMUNOVÁ, Lucia (Autor, 1.6%) - DÓCI, Ivan (Autor, 1.6%) - DONIČ, Viliam (Autor, 1.6%) - DRAGAŠEK, Jozef (Autor, 1.6%) - FARKAŠOVÁ IANNACCONE, Silvia (Autor, 1.6%) - FIRMENT, Jozef (Autor, 10%) - FRANKOVIČOVÁ, Mária (Autor, 1.6%) - GAJDOŠ, Miroslav (Autor, 1.6%) - GDOVINOVÁ, Zuzana (Autor, 1.6%) - HODOROVÁ, Ingrid (Autor, 1.6%) - JARČUŠKA, Peter (Autor, 1.6%) - JAUTOVÁ, Jagienka (Autor, 1.6%) - JENČA, Andrej (Autor, 1.6%) - JOPPA, Pavol (Autor, 1.6%) - KATRENIÁKOVÁ, Zuzana (Autor, 1.6%) - KITKA, Miroslav (Autor, 1.6%) - KOVANIČOVÁ, Milana (Autor, 1.6%) - KRCHO, Peter (Autor, 1.6%) - KUČHTA, Milan (Autor, 1.6%) - LAZÚROVÁ, Ivica (Autor, 1.6%) - LEGÁTH, Ľubomír (Autor, 1.6%) - LEPEJ, Ján (Autor, 1.6%) - MADARASOVÁ GECKOVÁ, Andrea (Autor, 1.6%) - MAREKOVÁ, Mária (Autor, 1.6%) - MECHÍROVÁ, Eva (Autor, 1.6%) - MILICHOVSKÝ, Eduard (Autor, 1.6%) - MIROSSAY, Ladislav (Autor, 1.6%) - MOJŽIŠ, Ján (Autor, 1.6%) - MOLČAN, Michal (Autor, 1.6%) - NAGY, Vincent (Autor, 1.6%) - PELLA, Daniel (Autor, 10%) - RADOŇAK, Jozef (Autor, 1.6%) - NAGYOVÁ, Iveta (Autor, 1.6%) - OSTRÓ, Alexander (Autor, 1.6%) - RIMÁROVÁ, Kvetoslava (Autor, 1.6%) - SABO, Ján (Autor, 1.6%) - SAMECOVÁ, Katarína (Autor, 1.6%) - SCHRETER, Ivan (Autor, 1.6%) - SCHWARTZOVÁ, Vladimíra (Autor, 1.6%) - SIHOTSKÝ, Vladimír (Autor, 1.6%) - SOLÁR, Peter (Autor, 1.6%) - SOPKOVÁ, Dorota (Autor, 1.6%) - TAKÁČ, Peter (Autor, 1.6%) - TKÁČ, Ivan (Autor, 1.6%) - TKÁČOVÁ, Ružena (Autor, 1.6%) - VAJÓ, Július (Autor, 1.6%) - VAŠKO, Gabriel (Autor, 1.6%)]

MSEP 030258

BCI - Skriptá a učebné texty (2)

- BCI1 Molekulová biológia : vysokoškolské učebné texty Prírodovedeckej fakulty UPJŠ / Eva Mišúrová, Peter Solár. - vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2007. - 222 s. [18,51 AH]. - ISBN 9788070976715.

[OV 130];

[MIŠÚROVÁ, Eva (Autor, 50%) - SOLÁR, Peter (Autor, 50% [9,26 AH])]

SSEP 007718

- BCI2 Úvod do experimentálnej techniky v biológii / Peter Fedoročk... [et al.]; Rec. Peter Brezáni, Zuzana Daxnerová. - vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2007. - 138 s.

[11,05 AH]. - ISBN 9788070976708.

[OV 130];

[FEDOROČKO, Peter (Autor, 12.5% [1,39 AH]) - HUDEC, Igor (Autor, 12.5% [1,38 AH]) - KLEBAN, Ján (Autor, 12.5% [1,38 AH]) - KROPÁČOVÁ, Katarína (Autor, 12.5% [1,38 AH]) - MIKEŠ, Jaromír (Autor, 12.5% [1,38 AH]) - MIŠÚROVÁ, Eva (Autor, 12.5% [1,38 AH]) - SAČKOVÁ, Veronika (Autor, 12.5% [1,38 AH]) - **SOLÁR, Peter (Autor, 12.5% [1,38 AH]**)]

SSEP 007263

BEF - Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných) (2)

- BEF1 Úloha SOD-2 v citlivosti adenokarcinómových MCF-7 buniek na fotodynamickú terapiu hypericinom / Kimáková, P., Solár, P., Frenc, P. ; recenzent Imrich Zeleňák.
Seminár doktorandov venovaný pamiatke akademika Boďu (8. : 10. - 11. september 2013 : Košice, Slovensko);
In: Vedecké práce doktorandov 2013 : zborník zo seminára doktorandov venovaného pamiatke akademika Boďu : VIII. ročník : 10. - 11. september 2013, Košice. - Košice : Ústav fyziológie hospodárskych zvierat SAV, 2013. - ISBN 9788097142803. - S. 53-55. Projekt: APVV 0040-10 ; VEGA 1/0733/12.
[KIMÁKOVÁ, Patrícia (Autor, 50%) - SOLÁR, Peter (Autor, 40%) - FERENC, Peter (Autor, 10%)]

SSEP 014307

- BEF2 Potvrdenie interakcie erytropoetínu a jeho receptora v nádorových A2780 a normálnych HUVEC bunkách / P. Kimáková ... [et al.] ; recenzent Imrich Zeleňák.
Seminár doktorandov venovaného pamiatke akademika Boďu (9. : 9. a 10. september 2014 : Košice, Slovensko);
In: Vedecké práce doktorandov 2014 : zborník zo seminára doktorandov venovaného pamiatke akademika Boďu : IX. ročník : Košice, 9. a 10. september 2014, Košice. - Košice : Univerzita veterinárskeho lekárstva a farmácie v Košiciach, 2014. - ISBN 9788097142810. - S. 55-56.
[OV 180];
[KIMÁKOVÁ, Patrícia (Autor, 30%) - FECKOVÁ, Barbora (Autor, 30%) - ILKOVIČOVÁ, Lenka (Autor, 10%) - BHIDE, Mangesh (Autor, 10%) - SOLÁR, Peter (Autor, 20%)]

SSEP 015368

BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...) (4)

- BFA1 Anticancer and antiproliferative effects of atranorin on mammary cancer 4T1 and normal NMUMG cells / Lenka Koptašíková ... [et al.].
Drug Discovery & Therapy World Congress 2013 (3. - 6. jún 2013 : Boston, USA);
In: Drug Discovery & Therapy World Congress 2013 : abstracts : 3. - 6. jún 2013, Boston. - Boston : Eureka Conferences, 2013. - S. 160. Projekt: VEGA 1/0733/12.
[KOPTAŠÍKOVÁ, Lenka (Autor, 45%) - SOLÁR, Peter (Autor, 25%) - JENDŽELOVSKÝ, Rastislav (Autor, 15%) - UHRÍNOVÁ, Michala (Autor, 5%) - FERENC, Peter (Autor, 5%) - BAČKOR, Martin (Autor, 3%) - HRČKOVÁ, Gabriela (Autor, 2%)]

SSEP 014331

- BFA2 Effect of paclitaxel and immodin chemo-immunotherapy in treating established primary mammary tumors in mice / Peter Solár ... [et al.]. - ASFE 26220220157.
BIT's 5th World Gene Convention-2014 (5. : 13.-16.11.2014 : Haikou, Čína);
BIT's 4th Annual Congress of Molecular Medicine-2014 (4. : 13.-16.11.2014 : Haikou, Čína);
In: BIT's 5th World Gene Convention-2014 ; BIT's 4th Annual Congress of Molecular Medicine-2014 : 13. - 16. november 2014, Haikou, Čína. - Milano : MolMed, 2014. - S. 343-343. Projekt: ASFE 26220220157.
[OV 180, 200];
[SOLÁR, Peter (Autor, 20%) - HRČKOVÁ, Gabriela (Autor, 20%) - KASSAYOVÁ, Monika (Autor, 10%) - BOJKOVÁ, Bianka (Autor, 10%) - MUDROŇOVÁ, Dagmar (Autor, 20%) - DEMEČKOVÁ, Vlasta (Autor, 10%) - ORENDÁŠ, Peter (Autor, 5%) - FEDOROČKO, Peter (Autor, 5%)]

SSEP 015703

- BFA3** Low deprenyl dose increases sperm concentration in rat / Jozef Mihalik ... [et al.].
Morphology 2014 : 48th International Congress of the Czech Anatomical Society : 51th Lojda Symposium on Histochemistry (51. : 7.-9.9.2014 : Brno, Česko);
In: Morphology 2014 : 48th International Congress of the Czech Anatomical Society : 51th Lojda Symposium on Histochemistry : Brno, September 7-9, 2014 : programme and abstracts. - Brno : Masaryk University, 2014. - S. 52. Projekt: VEGA 1/0928/11 ; VEGA 1/0733/12 ; VEGA 1/0999/11 ; Iné granty zahraničné CEMIO ITMS 26220120067 ; VEGA 1/0224/12.
[OV 180];
[MIHALIK, Jozef (Autor, 50%) - MAŠLANKOVÁ, Jana (Autor, 10%) - SOLÁR, Peter (Autor, 10%) - HORVÁTHOVÁ, Františka (Autor, 10%) - ALMÁŠIOVÁ, Viera (Autor, 5%) - VECANOVÁ, Janka (Autor, 5%) - HODOROVÁ, Ingrid (Autor, 5%) - RYBÁROVÁ, Silvia (Autor, 5%)]

MSEP 025132

- BFA4** Immodin and its effect on 4T1 derived mouse breast cancer in vivo when combined with paclitaxel or manumycin A / P. Solár ... [et al.]. - ASFEU 26220220157.
Anticancer drug action and drug resistance (20.-23.06.2015 : Florencia, Taliansko);
In: Anticancer Drug Action and Drug Resistance: from Cancer Biology to the Clinic : Special Conference EACR AACR SIC : 20. - 23. jún 2015, Florence, Italy. - Florence : European CanCer Organisation, 2015. - S. 106-107. Projekt: ASFEU 26220220157.
[OV 180, 200];
[SOLÁR, Peter (Autor, 20%) - SAČKOVÁ, Veronika (Autor, 10%) - KASSAYOVÁ, Monika (Autor, 10%) - BOJKOVÁ, Bianka (Autor, 10%) - DEMEČKOVÁ, Vlasta (Autor, 10%) - HRČKOVÁ, Gabriela (Autor, 10%) - JENDŽELOVSKÝ, Rastislav (Autor, 10%) - MUDROŇOVÁ, Dagmar (Autor, 10%) - GANCARČÍKOVÁ, Soňa (Autor, 5%) - FEDOROČKO, Peter (Autor, 5%)]

SSEP 015957

DAI - Dizertačné a habilitačné práce (2)

- DAI1** Metabolické zmeny lipidov u ožiarených, chemokarcinogénmi injikovaných a imobilizovaných potkanov: vplyv melatonínu : dizertačná práca / Peter Solár ; školiteľ Ivan Ahlers. - Košice : Prírodovedecká fakulta UPJŠ, 1997. - 112 s.
[SOLÁR, Peter (Autor) - AHLERS, Ivan]]

SSEP 01950

- DAI2** Zmena citlivosti nádorovej bunky na terapeutickú liečbu v závislosti od použitého terapeutika : habilitačná práca / Peter Solár. - Košice, 2008.
[SOLÁR, Peter (Autor, 100%)]

SSEP 010082

V2 - Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka (6)

- V2 1** The presence of glutathione peroxidases 1, 2, and 3 during preimplantation period of pregnancy in mouse / Kreheľová A. ... [et al.].
International Congress of Slovak Anatomical Society (46. : 07.-09.09.2023 : Martin, Slovensko);
Lojda Symposium on Histochemistry (59. : 07.-09.09.2023 : Martin, Slovensko);
International Congress of Czech Anatomical Society (54. : 07.-09.09.2023 : Martin, Slovensko);
In: Morphology 2023 : programme abstracts. - Turany : P + M, 2023. - ISBN 9788081871467. - S. 61-61. Projekt: Ultrasonografická anatómia periférnych nervov a ciev - KEGA 018UPJŠ-4/2021 ; Vplyv podávania entacapone na antioxidačný status a reprodukčné parametre samcov potkana - VEGA 1/0173/19 ; Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19 ; Etiológia porúch skorého preimplantačného vývinu - APVV APVV-18-0389.
[OV 180]; [ŠO 5141]
[KREHEĽOVÁ, Andrea (Autor, 75%) - KOVAŘÍKOVÁ, Veronika (Autor, 2%) - SOLÁR, Peter (Autor, 8%) - FABIAN, Dušan (Autor, 2%) - MIHALIK, Jozef (Autor, 8%) - HODOROVÁ, Ingrid (Autor, 5%)]

MSEP 036378

- V2 2 The effect of different roasting and processing method of coffee on the growth of colon tumor cells in vitro [elektronický zdroj] / Várady, Matúš ... [et al.]. - DICHARCHUPJS. Student scientific international conference (19.-21.06.2024 : Vysoké Tatry, Slovensko); In: Student scientific international conference "GenICa" : Book of abstracts. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2024. - ISBN 9788057403333. - S. 29-30, online. - Spôsob prístupu: <https://zenodo.org/records/12072353>. Projekt: Hodnotenie vplyvu inovatívnych metód spracovania kávy na jej zdravotnú bezpečnosť a kvalitu VEGA 1/0073/22 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed" 024UPJŠ-4/2024. [OV 180]; [ŠO 5141]
[VÁRADY, Matúš (Autor, 20%) - ŠEMELÁKOVÁ, Martina (Autor, 20%) - SOLÁR, Peter (Autor, 20%) - HUDÁKOVÁ, Terézia (Autor, 20%) - POPELKA, Peter (Autor, 20%)]
MSEP 037099
- V2 3 Vplyv erytropoetínového receptora na platinovú chemoterapeutickú rezistenciu nádorových buniek ovariálneho adenokarcinómu = Effect of erythropoietin receptor on platinum-based chemotherapy resistance in ovarian adenocarcinoma cells [elektronický zdroj] / Pavol Harvanik, Martina Šemeláková, Peter Solár. Jarná škola doktorandov 2024 (10. : 04.-07.06.2024 : Stará Lesná, Slovensko); In: Jarná škola doktorandov UPJŠ 2024. - Košice : Vydavateľstvo ŠafárikPress UPJŠ, 2024. - ISBN 9788057403296. - S. 56-60, online. - Spôsob prístupu: <https://unibook.upjs.sk/img/cms/2024/jarna-skola-doktorandov-2024.pdf>. [OV 180, 130]; [ŠO 5141]
[HARVANIK, Pavol (Autor, 34%) - ŠEMELÁKOVÁ, Martina (Autor, 33%) - SOLÁR, Peter (Autor, 33%)]
MSEP 036994
- V2 4 Effect of SCARB2 on the resistance of ovarian adenocarcinoma cells to chemotherapy [elektronický zdroj] / Pavol Harvanik ... [et al.]. - DIGARCHUPJS. Czech-Slovak pharmacological days (72. : 18.-20.06.2025 : Košice, Slovensko); In: 72nd Czech-Slovak pharmacological days abstract book : abstract book. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025. - ISBN 9788057404200. - S. 55-55, online. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23. [OV 180]; [ŠO 5214]
[HARVANIK, Pavol (Autor, 25%) - SOLÁROVÁ, Zuzana (Autor, 25%) - DANKOVÁ, Kristína (Autor, 25%) - SOLÁR, Peter (Autor, 25%)]
MSEP 038432
- V2 5 Erythropoietin receptor overexpression causes paclitaxel resistance in ovarian adenocarcinoma A2780 cells [elektronický zdroj] / Kristína Danková ... [et al.]. - DIGARCHUPJS. Czech-Slovak pharmacological days (72. : 18.-20.06.2025 : Košice, Slovensko); In: 72nd Czech-Slovak pharmacological days abstract book : abstract book. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025. - ISBN 9788057404200. - S. 51-51, online. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23. [OV 180]; [ŠO 5214]
[DANKOVÁ, Kristína (Autor, 25%) - HARVANIK, Pavol (Autor, 25%) - SOLÁROVÁ, Zuzana (Autor, 25%) - SOLÁR, Peter (Autor, 25%)]
MSEP 038431
- V2 6 The role of biliverdin reductase in cancer cells [elektronický zdroj] / Zuzana Solárová ... [et al.]. - DIGARCHUPJS. Czech-Slovak pharmacological days (72. : 18.-20.06.2025 : Košice, Slovensko); In: 72nd Czech-Slovak pharmacological days abstract book : abstract book. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025. - ISBN 9788057404200. - S. 37-37, online. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23. [OV 180]; [ŠO 5214]

[SOLÁROVÁ, Zuzana (Autor, 25%) - DANKOVÁ, Kristína (Autor, 25%) - HARVANIK, Pavol (Autor, 25%) - SOLÁR, Peter (Autor, 25%)]

MSEP 038427

V3 - Vedecký výstup publikačnej činnosti z časopisu (15)

V 5-fluorouracil treatment of CT26 colon cancer is compromised by combined therapy with Immodin /

3 Vlasta Demečková, Dagmar Mudroňová, Soňa Gancarčíková, Peter Kubatka, Karol Kajo, Monika

1 Kassayová, Bianka Bojková, Marian Adamkov, Peter Solár. - recenzované.

In: International journal of molecular sciences. - ISSN 1661-6596. - Roč. 23, č. 12 (2022), art. no. 6374, s. [1-16]. Projekt: Tfaktor – Inovácia technologického procesu prípravy imunomodulačného prípravku Transfer faktor, overenie jeho účinnosti, bezpečnosti a zloženia - ITMS ITMS 26220220157.

10.3390/ijms23126374 DOI;DOI; SCOPUS; CCC; WOS;

2022 IF=5,6; 2022 SNIP=1,263; 2022 SJR=1,154; 2022 CiteScore=7,8; 2022 Nordic List=1; 2022 AIS=1.030; 2022 Q2(Chemistry, multidisciplinary) JCR; 2022 Q1(Biochemistry & molecular biology) JCR; 2022 Q1(Computer science applications) Scimago; 2022 Q1(Inorganic chemistry) Scimago; 2022 Q1(Medicine (miscellaneous)) Scimago; 2022 Q1(Organic chemistry) Scimago; 2022 Q1(Physical and theoretical chemistry) Scimago; 2022 Q1(Spectroscopy) Scimago; 2022 Q2(Catalysis) Scimago; 2022 Q2(Molecular biology) Scimago; 2022 Q2(Chemistry, multidisciplinary) AIS; 2022 Q2(Biochemistry & molecular biology) AIS; 2022 Q2(Chemistry, multidisciplinary) JCI; 2022 Q2(Biochemistry & molecular biology) JCI

[OV 200, 130, 180]; [ŠO 4318 1536 5141]

[DEMEČKOVÁ, Vlasta (Autor, 30%) - MUDROŇOVÁ, Dagmar (Autor, 5%) -

GANCARČÍKOVÁ, Soňa (Autor, 10%) - KUBATKA, Peter (Autor, 10%) - KAJO, Karol (Autor, 5%) - KASSAYOVÁ, Monika (Autor, 5%) - BOJKOVÁ, Bianka (Autor, 5%) - ADAMKOV, Marian (Autor, 5%) - **SOLÁR, Peter (Korešpondenčný autor, 25%)]**

Kategórie ohlasov od roku 2022: (8)

[1] (2023) JAMIALAHMADI, Hamid - NAZARI, Seyedeh Elnaz - TANZADEHPANAH, Hamid - SABURI, Ehsan - ASGHARZADEH, Fereshteh - KHOJASTEH-LEYLAOOHI, Fatemeh - ALAEI, Maryam - MIRAHMADI, Mahdi - BABAEI, Fatemeh - ASGHARI, Seyedeh Zahra - MANSOURI, Saeide - KHALILI-TANHA, Ghazaleh - MAFTOOH, Mina - FIUJI, Hamid - HASSANIAN, Seyed Mahdi - FERNS, Gordon A. - KHAZAEI, Majid - AVAN, Amir. Targeting transforming growth factor beta (TGF- β) using Pirfenidone, a potential repurposing therapeutic strategy in colorectal cancer. In Scientific reports, 2023, roč. 13, art.no. 14357

[1] (2023) KAŽMIERCZAK-SIEDLECKA, Karolina - BULMAN, Nikola - ULASIŃSKI, Paweł - SOBOCKI, Bartosz Kamil - POŁOM, Karol - MARANO, Luigi - KALINOWSKI, Leszek - SKONIECZNA-ŻYDECKA, Karolina. Pharmacomicrobiomics of cell-cycle specific anti-cancer drugs—is it a new perspective for personalized treatment of cancer patients?. In Gut microbes, 2023, roč. 15, č. 2, art. no. 2281017

[1] (2023) SHIRVALILOU, Sakine - KHOEE, Sepideh - KHOEI, Samideh - KARIMI, Mohammad Reza - SADRI, Elaheh - SHIRVALILOO, Milad. Targeted magnetochemotherapy modified by 5-Fu-loaded thermally on/off switching nanoheaters for the eradication of CT26 murine colon cancer by inducing apoptotic and autophagic cell death. In Cancer nanotechnology, 2023, roč. 14, č. 1, art.no. 11

[1] (2024) MENDOZA-RODRÍGUEZ, Mónica G. - MEDINA-REYES, Daniela - SÁNCHEZ-BARRERA, Cuauhtémoc A. - FERNÁNDEZ-MUÑOZ, Karen V. - GARCÍA-CASTILLO, Verónica - LEDESMA-TORRES, Jorge L. - GONZÁLEZ-GONZÁLEZ, Marisol I. - REYES, José L. - PÉREZ-PLASCENCIA, Carlos - RODRÍGUEZ-SOSA, Miriam - VACA-PANIAGUA, Felipe - MERAZ, Marco A. - TERRAZAS, Luis I.. Helminth-derived molecules improve 5-fluorouracil treatment on experimental colon tumorigenesis. In Biomedicine & pharmacotherapy, 2024, roč. 175, art. no. 116628

[1] (2024) VANDERVEEN, Brandon N. - CARDACI, Thomas D. - BULLARD, Brooke M. - HUSS, Alexander R. - MCDONALD, Sierra J. - MUHAMMED, Ahmed D. - KUBINAK, Jason L. - FAN, Daping - MURPHY, E. Angela. The complex heterogeneity of immune cell signatures across wasting tissues with C26 and 5-fluorouracil-induced cachexia. In American journal of physiology. Cell physiology, 2024, roč. 326, č. 2, s. 6-6.

[1] (2025) XIE, Mengshi - JIANG, Pan - YANG, Xiyang - SUN, Dili - ZHU, Baoling - ZHU, Xiaowei - DING, Suling - GAO, Jian - YANG, Xiangdong - SHI, Hongyu. Astemizole Exacerbates 5-Fluorouracil-Triggered Cardiotoxicity by Enhancing Ptg2s. In Cardiovascular Toxicology, 2025, roč. 25, č. 2, s. 205-215.

[1] (2026) CHERUKU, Sri Pragnya - VIBHAVARI, R. J.A. - RAO, Vanishree - GOPALAN, Divya - EEDARA, Abhishek - CHANDRA, Yogesh - PAI, Karkala Sreedhara Ranganath - HARIHARAPURA, Raghu Chandrashekar - CHAMALLAMUDI, Mallikarjuna Rao - ANDUGULAPATI, Sai Balaji - KUMAR, Nitesh. Mannose-functionalized liposomal delivery of levamisole and lipopolysaccharide enhances therapeutic responses through tumor-associated macrophage modulation in colon cancer. In International journal of biological macromolecules, 2026, č. 365, 152336

[1] (2026) LI, Yanchao - SHAO, Xiaoshan - YANG, Xiaoyan. The association between CALLY index and obesity in adolescents: a comparative analysis with traditional inflammatory markers. In Eating and weight disorders - studies on anorexia, bulimia and obesity, 2026, roč. 31, č. 1, art. no. 52

SSEP 022951

V Ceramides and their roles in programmed cell death [elektronický zdroj] / Martina Bago Pilátová ... [et 3 al.].

2 In: Advances in Medical Sciences : official Journal of the Medical University of Bialystok, Poland. - ISSN 1898-4002. - Roč. 68, č. 2 (2023), s. 417-425. - Spôsob prístupu:

<https://www.sciencedirect.com/science/article/pii/S1896112623000445>. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23.

10.1016/j.advms.2023.10.004 DOI;DOI; SCOPUS; WOS;

2023 IF=2,5; 2023 AIS=0.507; 2023 CiteScore=5; 2023 SJR=0,598; 2023 SNIP=0,795; 2023

Q3(Medicine, research & experimental) JCR; 2023 Q2(Medicine (miscellaneous)) Scimago; 2023

Q3(Medicine, research & experimental) AIS; 2023 Q3(Medicine, research & experimental) JCI

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[BAGO PILÁTOVÁ, Martina (Autor, 40%) - SOLÁROVÁ, Zuzana (Autor, 20%) - MEZENECV, Roman (Autor, 10%) - **SOLÁR, Peter (Korešpondenčný autor, 30%)]**

Kategórie ohlasov od roku 2022: (42)

[1] (2023) CAPOFERRI, Davide - CHIODELLI, Paola - CALZA, Stefano - MANFREDI, Marcello - PRESTA, Marco. Dataset: Impact of β -Galactosylceramidase Overexpression on the Protein Profile of Braf(V600E) Mutated Melanoma Cells. In Data, 2023, roč. 8, č. 12.

[1] (2024) GIRIK, Vladimir - VAN EK, Larissa - DENTAND QUADRI, Isabelle - AZAM, Maral - CRUZ COBO, María - MANDAVIT, Marion - RIEZMAN, Isabelle - RIEZMAN, Howard - GAVIN, Anne Claude - NUNES-HASLER, Paula. Development of Genetically Encoded Fluorescent KSR1-Based Probes to Track Ceramides during Phagocytosis. In International journal of molecular sciences, 2024, roč. 25, č. 5.

[1] (2024) GUERRE, Philippe - LASSALLETTE, Elodie - BEAUJARDIN-DAURIAN, Ugo - TRAVEL, Angelique. Fumonisin alone or mixed with other fusariotoxins increase the C22-24:C16 sphingolipid ratios in chicken livers, while deoxynivalenol and zearalenone have no effect. In Chemo-Biological Interactions, 2024, roč. 395, art. no. 111005

[1] (2024) KIM, Boyun - KIM, Gaeun - JEON, Hyun Pyo - JUNG, Jewon. Lipidomics Analysis Unravels Aberrant Lipid Species and Pathways Induced by Zinc Oxide Nanoparticles in Kidney Cells. In International journal of molecular sciences, 2024, roč. 25, č. 8, 4285

[1] (2024) MAINES, Lynn W. - KELLER, Staci N. - SMITH, Ryan A. - SCHRECENGOST, Randy S. - SMITH, Charles D.. Opaganib Downregulates N-Myc Expression and Suppresses In Vitro and In Vivo Growth of Neuroblastoma Cells. In Cancers, 2024, roč. 16, č. 9, 1779

[1] (2024) MONTEFUSCO, David - JAMIL, Maryam - CANALS, Daniel - SALIGRAMA, Siri - YUE, Yang - ALLEGOOD, Jeremy - COWART, L. Ashley. SPTLC3 regulates plasma membrane sphingolipid composition to facilitate hepatic gluconeogenesis. In Cell Reports, 2024, roč. 43, č. 12.

[1] (2024) PAN, Yun - LI, Jieying - LIN, Panjie - WAN, Lihua - QU, Yiqian - CAO, Lingyong - WANG, Lei. A review of the mechanisms of abnormal ceramide metabolism in type 2 diabetes mellitus, Alzheimer's disease, and their co-morbidities. In Frontiers in pharmacology, 2024, roč. 15, č. 7, art. no. 1348410

[1] (2024) TSAI, Chung Che - WANG, Chun Yu - CHANG, Hsu Hung - CHANG, Phebe Ting Syuan - CHANG, Chuan Hsin - CHU, Tin Yi - HSU, Po Chih - KUO, Chan Yen. Diagnostics and Therapy for Malignant Tumors. In Biomedicines, 2024, roč. 12, č. 12.

[1] (2024) TUFAIL, Muhammad - JIANG, Can Hua - LI, Ning. Altered metabolism in cancer: insights into energy pathways and therapeutic targets. In Molecular Cancer, 2024, roč. 23, č. 1, 02119

[1] (2024) WAJAPYEE, Narendra - BEAMON, Teresa Chiyane - GUPTA, Romi. Roles and

therapeutic targeting of ceramide metabolism in cancer. In *Molecular Metabolism*, 2024, roč. 83, art. no. 101936

[1] (2024) ŁUKASZUK, Bartłomiej - SUPRUNIUK, Elżbieta - CHABOWSKI, Adrian - MIKŁOSZ, Agnieszka. Adipose tissue place of origin and obesity influence sphingolipid signaling pathway in the adipocytes differentiated from ADMSCs isolated from morbidly obese women. In *Biochemical pharmacology*, 2024, č. 223, art. no. 116158

[1] (2025) AMAI, Sahana - YUKI, Kisara - GOWDA, Siddabasave Gowda B. - GOWDA, Divyavani - HUI, Shu Ping. Lipidomic Profiling of Edible Japanese Sea Urchins by LC–MS. In *Foods*, 2025, roč. 14, č. 13.

[1] (2025) BRANKOVIĆ, Marija - KRAIŠNIK, Marija - ZDRAVKOVIĆ, Dimitrije - KRAIŠNIK, Nemanja - JELIĆ, Filip - NIKOLIĆ, Novica - ĐURAŠEVIĆ, Siniša - TOSTI, Tomislav - GMIZIĆ, Tijana - TODOROVIĆ, Zoran. Lipidomics, Microbiota, and Intestinal *Clostridioides difficile* Infection Outcome. In *International journal of molecular sciences*, 2025, roč. 26, č. 17.

[1] (2025) BŁACHNIO-ZABIELSKA, Agnieszka U. - SADOWSKA, Patrycja - CHLABICZ, Urszula - POGODZIŃSKA, Karolina - LE STUNFF, Hervé - LAUDAŃSKI, Piotr - SZAMATOWICZ, Jacek - KUŹMICKI, Mariusz. Differential Effects of Sphingolipids on Cell Death and Antioxidant Defenses in Type 1 and Type 2 Endometrial Cancer Cells. In *International journal of molecular sciences*, 2025, roč. 26, č. 10.

[1] (2025) COLES, Nathan P. - ELSHEIKH, Suzan - QUESNEL, Agathe - BUTLER, Lucy - ACHADU, Ojodomo - ISLAM, Meez - KALESH, Karunakaran - OCCHIPINTI, Annalisa - ANGIONE, Claudio - MARLES-WRIGHT, Jon - KOSS, David J. - THOMAS, Alan J. - OUTEIRO, Tiago F. - FILIPPOU, Panagiota S. - KHUNDAKAR, Ahmad A.. Alpha-synuclein aggregation induces prominent cellular lipid changes as revealed by Raman spectroscopy and machine learning analysis. In *Brain communications*, 2025, roč. 7, č. 2, art. no. fcfl133

[1] (2025) FERREIRA, Helena Beatriz - VAN MERRIENBOER, Tara - GUERRA, Inês M.S. - MELO, Tânia - YEUNG, Kak Khee - AYYALASOMAYAJULA, Venkat - TRINDADE, Fábio - NOGUEIRA-FERREIRA, Rita - LEITE-MOREIRA, Adelino - GORACCI, Laura - FERREIRA, Rita - DOMINGUES, M. Rosário - DIAS-NETO, Marina. Lipidomic Signature of Abdominal Aortic Aneurysm and Peripheral Artery Disease. In *Journal of Proteome Research*, 2025, roč. 24, č. 10, s. 4865-4874.

[1] (2025) GUERRA, Inês M.S. - FERREIRA, Helena B. - DIOGO, Luísa - MOREIRA, Sónia - BONCIARELLI, Stefano - GORACCI, Laura - MELO, Tânia - DOMINGUES, Pedro - DOMINGUES, M. Rosário - MOREIRA, Ana S.P.. Lipidomic Profiling of Red Blood Cells in the Mitochondrial Fatty Acid β -oxidation Disorder MCADD Reveals Phospholipid and Sphingolipid Dysregulation. In *Journal of Proteome Research*, 2025, roč. 24, č. 9, s. 4631-4642.

[1] (2025) KIM, Ji Won - KIM, Seung Hyun - BAEK, Wook Young - JUNG, Ju Yang - KIM, Hyoun Ah - SUH, Chang Hee. Exploratory Pilot Study on the Serum Ceramide (16:0) to Sphingosine-1-Phosphate Ratio as a Potential Indicator of Lupus Nephritis and Disease Activity. In *International journal of molecular sciences*, 2025, roč. 26, č. 24.

[1] (2025) KLEIN, Diana. The vascular endothelium as decision maker in lung injury. In *Frontiers in cell and developmental biology*, 2025, roč. 13, art.no. 1564627.

[1] (2025) LAKE, Ashleigh - FULLER, Maria. Sphingolipids in Gaucher disease: a systematic review. In *Orphanet Journal of Rare Diseases*, 2025, roč. 20, č. 1.

[1] (2025) LIN, Wenhan - CHEN, Lu - ZHANG, Zijing - MIAO, Xinxin - ZHAO, Lulu - ZHU, Yameng - OUYANG, Huizi - HE, Jun. Metabolomics Study on the Antitumor Effect of Osthole on HepG2 Cells Using UPLC-Q-TOF-MS/MS. In *Biomedical Chromatography*, 2025, roč. 39, č. 10.

[1] (2025) MAGAYE, Ruth R. - KAYE, David M. - WANG, Bing H.. Ceramide as a Biomarker for HFpEF in Women: Menopause, Aging, and Pregnancy. In *International journal of molecular sciences*, 2025, roč. 26, č. 21.

[1] (2025) MCCAFFREY, Jonas M. - IBDAAH, Jamal A.. Effects of Diet and Exercise on Mitochondrial Health in Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD): Role of Ceramides. In *Nutrients*, 2025, roč. 17, č. 18.

[1] (2025) MORRISON, Tasha A. - VIGEE, Jaelyn - TOVAR, Kevin A. - TALLEY, Taylor A. - MUJAL, Adriana M. - KONO, Mari - PHILIPS, Rachael - NAGASHIMA, Hiroyuki - BROOKS, Stephen R. - DADA, Hannah - ROZICH, Isaiah - HUDSPETH, Kelly - LAU, Colleen M. - YAO, Chen - SCIUMÈ, Giuseppe - SUN, Hong Wei - BONIFACINO, Juan S. - KANNO, Yuka - DUSTIN, Michael L. - RANDAZZO, Davide - PROIA, Richard L. - SUN, Joseph C. - SHIH, Han Yu - O'SHEA,

John J.. Selective requirement of glycosphingolipid synthesis for natural killer and cytotoxic T cells. In *Cell*, 2025, roč. 188, č. 13, s. 3497-3512, e16

[1] (2025) RUDD, Sarah R. - MIRANDA, Leticia S. - ASARIAH, Sharon J. - RODGERS, Chloe S. - ESTRADA, Jenive T. - ALONZO, Michael A. - BIDESHI, Dennis K.. Pathogens That Rewrite the Rules: Ascoviruses, Elegant Manipulators of Cell Death Pathways and Architects of the Extracellular Viral Paradigm. In *Pathogens*, 2025, roč. 14, č. 11.

[1] (2025) SAIT, Mohammed Rizwan Babu - JACHMANN, Lana H. - TÜRKÖZ, Gözde - MILIVOJEVIC, Milica - LLORENTE-SÁEZ, Celia - DHANJAL, Soniya - SCHUMACHER, Fabian - HENRIKSSON, Sara - VEGESNA, Naga Venkata Gayathri - SEDDIK, Noha - CHABAN, Anastasiia - MOHANTY, Partha - ÖLANDER, Magnus - MURALEEDHARAN, Samada - AZADEH, Sepideh Farmand - KLEUSER, Burkhard - SCHMIERER, Bernhard - SIXT, Barbara S.. Genome-wide identification of modulators of Chlamydia trachomatis parasitophorous vacuole stability highlights an important role for sphingolipid supply. In *Plos Biology*, 2025, roč. 23, č. 177735.

[1] (2025) TANG, Lingxuan - ZHANG, Wangzheqi - LIAO, Yan - WANG, Weijie - DENG, Xiaoming - WANG, Changli - SHI, Wenwen. Autophagy: a double-edged sword in ischemia-reperfusion injury. In *Cellular & Molecular Biology Letters*, 2025, roč. 30, č. 1.

[1] (2025) TANIGUCHI, Makoto - NAGAYA, Shingo - KIRISAKO, Hiromi - OHSUMI, Yoshinori - NAKATOGAWA, Hitoshi - OKAZAKI, Toshiro. Phagophore Ceramide Promotes LC3 Lipidation and Autophagy in T-Lymphoid Cell Death. In *FASEB journal*, 2025, roč. 39, č. 11.

[1] (2025) THAKKAR, Himani - VINCENT, Vinnyfred - CHAURASIA, Bhagirath. Ceramide signaling in immunity: a molecular perspective. In *Lipids in health and disease*, 2025, roč. 24, č. 1, art. no. 225

[1] (2025) VOSS, Jonas - HORNEMANN, Thorsten - BELGARDT, Bengt Frederik. Impact of Nutrition on Sphingolipid-Regulated Physiology: A Review. In *Molecular nutrition and food research*, 2025, roč. 69, č. 20.

[1] (2025) WANG, Liuxi - LI, Longjie - TIAN, Qingqing - DU, Chunmei. Advances in fungal apoptosis-like cell death and targeted drugs. In *Weishengwu xuebao*, 2025, roč. 65, č. 7, s. 2811-2829.

[1] (2025) YAN, Xiaohan - REN, Wenhao - ZHU, Zhuang - LI, Shaoming - SHI, Rui - SUN, Kai - ZHI, Keqian - GAO, Ling - ZHENG, Jingjing. Insights into O-GlcNAcylation and programmed cell death in cancer. In *Frontiers in cell and developmental biology*, 2025, roč. 13.

[1] (2026) BERLIED, Autumn - BOYACK, Isabella - VIEIRA, Andre - GONZALEZ-PEREZ, Maria - KUMAR, Vikas - PETERSON, Cornelia. Fatty Acid Synthase as a Potential Metabolic Vulnerability in Ocular Adnexal Sebaceous Carcinoma. In *Cancers*, 2026, roč. 18, č. 2.

[1] (2026) KOPALLI, Spandana Rajendra - VADIA, Nasir - VARMA, Pooja - MISHRA, Swati - JOSHI, Neha - BANSAL, Pooja - AL-HASNAWEI, Shaker - CHAUHAN, Ashish Singh - JAIN, Hardik - NATHIYA, Deepak - DEVI, Anita - JAYASINGH CHELLAMMAL, Hanish Singh - GUPTA, Priyanka - WAL, Pranay - KOPPULA, Sushruta. Neurodevelopmental origins of neurodegeneration: a lifespan perspective on brain vulnerability. In *Brain research*, 2026, roč. 1873.

[1] (2026) MENG, Xiaozheng - XIE, Peng - WANG, Zhe - LIU, Xiaochang - ZANG, Mingwu - ZOU, Bo. The role of apoptotic characteristic metabolites on meat biochemistry and quality: insights into mechanisms and applications. In *Trends in Food Science & Technology*, 2026, roč. 173.

[1] (2026) MOHAMUD YUSUF, Ayan - HUSSNER, Tanja - LI, An Ran - HAGEMANN, Nina - HORNEMANN, Thorsten - TERTEL, Tobias - BROCKMEIER, Ulf - SCHUMACHER, Fabian - KLEUSER, Burkhard - GIEBEL, Bernd - GUNZER, Matthias - GULBINS, Erich - HERMANN, Dirk M.. Deactivation of ceramide de novo synthesis induces cerebral angiogenesis and microvascular remodeling post-ischemia/reperfusion in mice via mechanisms not predominated by extracellular vesicles. In *Journal of cerebral blood flow and metabolism*, 2026, roč. 46, č. 827911, s. 393-405.

[1] (2026) OSMAN, Ahmed A.K. - CHAI, Jingwei - ABDEL-RAHMAN, Mohamed A. - XU, Xueqing. Functional lipidomics of Egyptian scorpions *Androctonus amoreuxi* and *Androctonus bicolor* venom reveals bioactive lipid signatures with translational potential in cancer and neuroimmune modulation. In *Toxin reviews*, 2026, roč. 45, č. 1, s. 1-14.

[1] (2026) PANIGRAHI, Banaja - NAYAK, Ashutosh - KANHAR, Satish - NANDA, Ashirbad - NANDA, Satyabrata. GC-MS analysis, molecular docking, and pharmacokinetic studies on Water Snowflake plant (*Nymphoides indica* L.) root extracts for compounds with antiepileptic potential. In *Journal of the Indian Chemical Society*, 2026, roč. 103, č. 1.

[1] (2026) SCALA, Marcello - SAHU, Ranjan K. - SEVERINO, Mariasavina - TRAVERSO, Monica - IACOMINO, Michele - PEDEMONTE, Marina - SANTORELLI, Filippo - TOZZA, Stefano - ZARA,

Federico - FIORILLO, Chiara - CHUNG, Hyung lok. ASAH2 deficiency affects sphingolipid homeostasis and neuromotor control, causing a progressive neurological disorder. In Human Genetics and Genomics Advances, 2026, roč. 7, č. 2.

[1] (2026) TANG, Haoran - WANG, Qi - XUE, Jun - SHEN, Liang - DUAN, Xiaguang - ZHOU, Biao. The role of human adipose-derived mesenchymal stem cell-derived exosomes in burn injury: a narrative review. In Frontiers in bioengineering and biotechnology, 2026, roč. 14.

[1] (2026) TKACHENKO, Anton - QUINTANAR-ESCORZA, Martha A. - TRYFONYUK, Liliya - HAVRANEK, Ondrej. New insights into the multifaceted role of eryptosis in metabolic and cardiovascular diseases. In Biochimica et Biophysica Acta - Molecular Cell Research, 2026, roč. 1873, č. 5.

[1] (2026) TSOPP, Elina - KILK, Kalle - GAMBINI, Andres - TVRDÁ, Eva - VILJASTE-SEERA, Anni - TUPPITS, Ulrika - JAAKMA, Ülle. Metabolomics reveals early predictors of blastocyst formation in equine ICSI-derived embryos. In Theriogenology, 2026, roč. 257.

MSEP 036270

V Differentially expressed genes induced by erythropoietin receptor overexpression in rat mammary

3 adenocarcinoma RAMA 37-28 cells [elektronický zdroj] / Zuzana Tóthová, Martina Šemeláková,

3 Katarína Bhide, Mangesh Ramesh Bhide, Andrej Kováč, Petra Majerová, Monika Kvaková, Jana Štofilová, Zuzana Solárová, Peter Solár. - recenzované.

In: International journal of molecular sciences. - ISSN 1422-0067. - Roč. 24, č. 10 (2023), art. no. 8482, s. [1-18]. - Spôsob prístupu: <https://www.mdpi.com/1422-0067/24/10/8482>. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23.

10.3390/ijms24108482 DOI;DOI; SCOPUS; CCC; WOS;

2023 IF=4,9; 2023 SNIP=1,12; 2023 SJR=1,179; 2023 CiteScore=8,1; 2023 Nordic List=1; 2023

AIS=1.055; 2023 Q1(Biochemistry & molecular biology) JCR; 2023 Q2(Chemistry, multidisciplinary)

JCR; 2023 Q1(Computer science applications) Scimago; 2023 Q1(Inorganic chemistry) Scimago; 2023

Q1(Medicine (miscellaneous)) Scimago; 2023 Q1(Organic chemistry) Scimago; 2023 Q1(Physical and

theoretical chemistry) Scimago; 2023 Q1(Spectroscopy) Scimago; 2023 Q2(Catalysis) Scimago; 2023

Q2(Molecular biology) Scimago; 2023 Q2(Biochemistry & molecular biology) AIS; 2023

Q2(Chemistry, multidisciplinary) AIS; 2023 Q2(Biochemistry & molecular biology) JCI; 2023

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[TÓTHOVÁ, Zuzana (Autor, 3%) - ŠEMELÁKOVÁ, Martina (Autor, 27%) - Bhide, Katarína (Autor, 5%) - Bhide, Mangesh Ramesh (Autor, 5%) - KOVÁČ, Andrej (Autor, 2%) - MAJEROVÁ, Petra (Autor, 3%) - KVAKOVÁ, Monika (Autor, 2%) - ŠTOFILOVÁ, Jana (Autor, 3%) - SOLÁROVÁ, Zuzana (Autor, 10%) - **SOLÁR, Peter (Korešpondenčný autor, 40%)]**

Kategórie ohlasov od roku 2022: (2)

[1] (2025) ZHENG, Clarissa - ANDKEN, Marie - MUDGE, Jonathan M. - MAGRANE, Michele - ORCHARD, Sandra - SUN, Zhi - DEUTSCH, Eric W.. Evaluation of PE5 Entries on the Human Proteome Project Target List. In Journal of Proteome Research, 2025, roč. 24, č. 7, s. 3507-3533.

[1] (2026) STURIALE, Alessio - SESSA, Concetto - MARTINA, Rosaria - MALTESE, Salvatore - CAMPO, Susanna - CRASCI, Eleonora - GALEANO, Dario - ALESSANDRELLO, Ivana - ZUPPARDO, Carmelo - SCOLLO, Viviana - ZIRINO, Fortunata - DISTEFANO, Giulio - TIGANO, Alessia - GIGLIO, Elisa - FICARA, Vincenzo - MESSINA, Roberta Maria - MUSUMECI, Maria Stella - CICERO, Elisa - DIMARTINO, Lucrezia - RAUSEO, Fiorenza - MORALE, Walter.

Recombinant human erythropoietin therapy in patients with cancer: efficacy, risks and the controversy of EpoR expression. In Drugs in context, 2026, roč. 15.

MSEP 035695

V Heat shock proteins in cancer - Known but always being rediscovered: Their perspectives in cancer

3 immunotherapy. / Alena Mazuráková ... [et al.]. - Alena Mazuráková a Zuzana Solárová - These

4 authors contributed equally.

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SCOPUS; WOS;

2023 IF=2,5; 2023 AIS=0.507; 2023 CiteScore=5; 2023 SJR=0,598; 2023 SNIP=0,795; 2023

Q3(Medicine, research & experimental) JCR; 2023 Q2(Medicine (miscellaneous)) Scimago; 2023

Q3(Medicine, research & experimental) AIS; 2023 Q3(Medicine, research & experimental) JCI [OV 180]; [ŠO 5141]

[MAZURÁKOVÁ, Alena (Autor, 20%) - SOLÁROVÁ, Zuzana (Autor, 20%) - LACKOVÁ, Lenka (Autor, 15%) - ČAPRNDA, Martin (Autor, 2%) - PROSECKÝ, Róbert (Autor, 2%) - KHAKYMOV, Artur (Autor, 2%) - BARANENKO, Denis (Autor, 2%) - KUBATKA, Peter (Autor, 8%) - MIROSSAY, Ladislav (Autor, 9%) - KRUŽLIAK, Peter (Autor, 5%) - **SOLÁR, Peter (Korešpondenčný autor, 15%)]**

Kategórie ohlasov od roku 2022: (14)

[1] (2024) GARAEVA, Luiza - KOMAROVA, Elena - EMELIANOVA, Svetlana - PUTEVICH, Elena - KONEVEGA, Andrey L. - MARGULIS, Boris - GUZHOVA, Irina - SHTAM, Tatiana. Grapefruit-Derived Vesicles Loaded with Recombinant HSP70 Activate Antitumor Immunity in Colon Cancer In Vitro and In Vivo. In Biomedicines, 2024, roč. 12, č. 12.

[1] (2024) WANG, Qing - CHEN, Shengzhou - WU, Zhihong - NI, Jungang. Clinicopathologic significance of heat shock protein 60 as a survival predictor in breast carcinoma. In Frontiers in oncology, 2024, roč. 14, art. no. 1415762

[1] (2024) YANG, Ya Ling - CHUANG, Yuan Ting - HUANG, Ying Hsien. MicroRNA 29a alleviates mitochondrial stress in diet-induced NAFLD by inhibiting the MAVS pathway. In European Journal of Pharmacology, 2024, roč. 982, art. no. 176955

[1] (2025) ABREU, M. Marc - CHOCRON, Alberto F. - SMADJA, David M.. From cold to hot : mechanisms of hyperthermia in modulating tumor immunology for enhanced immunotherapy. In Frontiers in immunology [online] 2025, roč. 16, art. no. 1487296 .

[1] (2025) ALI, Shaukat - ARSHAD, Mahnoor - SUMMER, Muhammad - ZULFIQAR, Maryam - NOOR, Shehzeen - NAZAKAT, Laiba - JAVED, Muhammad Abdullah. Recent developments on checkpoint inhibitors, CAR T cells, and beyond for T cell-based immunotherapeutic strategies against cancer. In Journal of oncology pharmacy practice, 2025, roč. 31, č. 7, s. 1115-1144.

[1] (2025) CHAE, Seon Yeong - KIM, Geun Young - CHOE, Hyun Seok - KWON, Young Woo - HONG, Suck Won - KIM, Jae Hyuk. Photothermal cancer treatment with laser-activated yolk-shell nanoparticles and synergistic combination of chemotherapy. In Chemical engineering journal, 2025, č. 513, art. no. 162919

[1] (2025) PARSAEI, Mohammad Hossein - SOLEYMANI, Maryam - KHOEI, Samideh - KHOEE, Sepideh - SHIRVALILOU, Sakine. Simultaneous photo-magnetic dual hyperthermia combined with radiotherapy enhanced by snowman-shaped Janus nanoparticles in CT26 colon cancer model. In Materials and Design, 2025, roč. 259, art. no. 114886

[1] (2025) SHU, Lin - MA, Yi Jie - WANG, Yu Cheng - CHANG, Ya Wen - DU, Yu Zhou. Temperature-dependent expression profiling of 16 HSP genes across developmental stages in *Frankliniella occidentalis*. In Journal of thermal biology, 2025, roč. 134, art. no. 104341

[1] (2025) XIA, Shuwen - JIANG, Yingying - LI, Wenjie - AN, Zhenjiang - SHEN, Yangyang - DING, Qiang - CHEN, Kunlin. Proteomic Analysis of Differentially Expressed Plasma Exosome Proteins in Heat-Stressed Holstein cows. In Animals [online] 2025, roč. 15, č. 15, art. no. 2286 .

[1] (2025) ZHU, Rongyue - LIAO, Shilang - CAI, Mengru - YIN, Dongge - FU, Tingting - LIU, Jing - DU, Yuji - KONG, Jiahui - CHANG, Rongrong - NI, Jian - YIN, Xingbin. Anti-breast cancer effect of quercetin nanoparticles based on MOFs for chemo-phototherapy and heat shock proteins inhibition. In Nano research, 2025, roč. 18, č. 1, art. no. 94906991

[1] (2026) GENG, Wenhan - LI, Tiantian - ZHANG, Jinglin - SHEN, Muzheng - ZHANG, Jinrui - LI, Jinghan - MA, Xiaojie - CHEN, Jian - SUN, Haojin - LIU, Xiaopeng - CAO, Pengxiu - FAN, Yumei - TAN, Ke. Heat shock response-driven signature and DNAJB11 in HCC: A multifaceted role in prognosis, immune microenvironment, ferroptosis and therapeutic sensitivity. In Journal of thermal biology, 2026, č. 136, art. no. 104415

[1] (2026) WANG, Ziqing - ZOU, Jixuan - LI, Yangfan - ZHANG, Zhenmin. Prognostic and clinicopathological significance of heat shock proteins in colorectal cancer patients: a meta-analysis. In World Journal of Surgical Oncology [online] 2026, roč. 24, č. 1, art. no. 164 . Dostupné na internete <[https://link.springer.com/article/10.1186/s12957-026-04239-](https://link.springer.com/article/10.1186/s12957-026-04239-0?utm_source=getftr&utm_medium=getftr&utm_campaign=getftr_pilot&getftr_integrator=scopus)

[0?utm_source=getftr&utm_medium=getftr&utm_campaign=getftr_pilot&getftr_integrator=scopus](https://link.springer.com/article/10.1186/s12957-026-04239-0?utm_source=getftr&utm_medium=getftr&utm_campaign=getftr_pilot&getftr_integrator=scopus)>

[1] (2026) XU, Pengfei - JI, Meijun - ZHUANG, Wenhan - GUO, Yumin - GENG, Xiaoge - WANG, Jingya - JING, Jiyong - PAN, Wensheng - ZHANG, Chenjing. Chaperonin in health and disease. In Molecular biomedicine [online] 2026, roč. 7, č. 1, s. 423-431. Dostupné na internete <<https://www.scopus.com/pages/publications/105035451489>>

[1] (2026) YU, Xi - HE, Yujie - ZHONG, Jiani - LI, Yue - ZHU, Yuan - CHEN, Yingying - YIN, Jingbo - YUAN, Zeting - YIN, Peihao. Immediate tumor killing and long-term anti-tumor immunoreaction induced by Bufalin-loaded phototherapeutic Janus membrane in CRC postoperative therapy. In *Materials Today Bio*, 2026, roč. 37.

MSEP 036239

- V Chili pepper extracts, capsaicin, and dihydrocapsaicin as potential anticancer agents targeting topoisomerases [elektronický zdroj] / Terézia Hudáková, Martina Šemeláková, Peter Očenáš, Mária Kožurková, Kristína Krochťová, Simona Sovová, Zuzana Tóthová, Zuzana Guľášová, Peter Popelka, Peter Solár. - recenzované. - DIGARCHUPJS.
- In: *BMC complementary medicine and therapies*. - ISSN 2662-7671. - Roč. 24, č. 1 (2024), art. no. 96, s. [1-11], online. - Spôsob prístupu: <https://bmccomplementmedtherapies.biomedcentral.com/articles/10.1186/s12906-024-04394-5>.
- Projekt: Vývoj a výskum nových farmakofórov na báze akridínu a kumarínu s antimikrobiálnymi a protinádorovými účinkami - VEGA 1/0037/22 ; Hodnotenie vplyvu inovatívnych metód spracovania kávy na jej zdravotnú bezpečnosť a kvalitu VEGA 1/0073/22. 10.1186/s12906-024-04394-5 DOI;DOI; SCOPUS; CCC; WOS; 2024 AIS=0.586; 2024 CiteScore=5,8; **2024 IF=3,4**; 2024 SJR=0,741; 2024 SNIP=1,037; 2024 **Q1(Integrative & complementary medicine) JCR**; 2024 Q1(Complementary and alternative medicine) Scimago; 2024 Q2(Integrative & complementary medicine) AIS; 2024 Q1(Integrative & complementary medicine) JCI [OV 180]; [ŠO 5214 5618]
- [HUDÁKOVÁ, Terézia (Autor, 10%) - ŠEMELÁKOVÁ, Martina (Autor, 27%) - OČENÁŠ, Peter (Autor, 10%) - KOŽURKOVÁ, Mária (Autor, 10%) - KROCHŤOVÁ, Kristína (Autor, 10%) - SOVOVÁ, Simona (Autor, 1%) - TÓTHOVÁ, Zuzana (Autor, 1%) - GUĽÁŠOVÁ, Zuzana (Autor, 1%) - POPELKA, Peter (Autor, 10%) - **SOLÁR, Peter (Korešpondenčný autor, 20%)]**
- Kategórie ohlasov od roku 2022: (12)
- [1] (2025) CORRAL-GUERRERO, Iván Artemio - MARTÍNEZ-MEDINA, Angela Elena - ALVARADO-MATA, Litzy Yazmin - CHÁVEZ, Ana Cristina Figueroa - MUÑOZ-GARCÍA, Roberto - LUÉVANOS-ESCARREÑO, Miriam Paulina - SOSA-MARTÍNEZ, Jazel Doménica - CASTRO-ALONSO, María José - NIMMAKAYALA, Padma - REDDY, Umesh K. - BALAGURUSAMY, Nagamani. Capsaicin as a Microbiome Modulator: Metabolic Interactions and Implications for Host Health. In *Metabolites* [online] 2025, roč. 15, č. 6, art. no. 372 .
- [1] (2025) EL-HAGGAR, Eman F. - EL-SAYED, Samah M. - KHOLIF, Adel M.M. - IBRAHIM, Osama A.. The Protective Action of Cephalotyre (Ras) Cheese Supplemented with Jalapenos Red Pepper on Inflammation and Colon Cancer. In *Letters in Applied NanoBioScience*, 2025, roč. 14, č. 2.
- [1] (2025) FATIMA, Sayeda Rubab - AHMED, Dildar. RSM-based green extraction of valuable bioactives from chili peppers using choline chloride-urea deep eutectic solvent coupled with microwave heating. In *Biomass conversion and biorefinery*, 2025, roč. 15, č. 13, s. 20165-20177.
- [1] (2025) GOGOI, Himanko - BISWAS, Hriday Kumar - ALE, Yogita - BUTOLA, Mansi. An Insight into the Chemical Characteristics and Medicinal Properties of Capsicum Species. In *Exploration of the Medicinal Potential of Kitchen Ingredients*. Boca Raton : CRC Press, 2025. ISBN [9781032908069, 9781040534687], S. 34-42.
- [1] (2026) AL-SAEDY, Muhannad Abdul-Redha - AHMED, Noor Kadhim - KHALIL, Shaimaa Ibrahim - KHAMIS, Nedhal M. - IMRAN, Nuha A. - WSAIN, Shurooq M.. Extraction, Characterization, and Anticancer Activity of Dihydrocapsaicin and Farnesyl Phenyl Sulfone Nanoparticles from Iraqi Hot Pepper Seeds. In *Journal of Nanostructures*, 2026, roč. 16, č. 2, s. 1565-1575.
- [1] (2026) FU, Yongan - CAI, Zongda - WANG, Yangqiang - HUANG, Mingjin - HUANG, Jinghua. Dihydrocapsaicin Secreted by RYK Silenced Bone Marrow-Derived Mesenchymal Stem Cells Triggers Apoptosis of Gastric Cancer Cells. In *Cancer Management and Research*, 2026, roč. 18.
- [1] (2026) GARCIA-CARRASCO, Melissa - CONTRERAS-ANGULO, Laura A. - CRIOLLO-MENDOZA, Marilyn S. - ELIZALDE-ROMERO, Alicia C. - GÉRMAN-SOTO, Brianda G. - HEREDIA, J. Basilio. Valorization of Solanum and Capsicum agro-industrial wastes: Extraction, nanoencapsulation, and anticancer potential of alkaloids. In *Biocatalysis and Agricultural Biotechnology*, 2026, roč. 74, 104087
- [1] (2026) WEN, Houpeng - LV, Min - XU, Hui. Recent Progress on Capsaicin- and Nonivamide-Type

Compounds as Agrochemicals and Drugs. In Journal of agricultural and food chemistry, 2026, roč. 74, č. 19, s. 14645-14684.

[2] (2025) GHAFOR, Abdul - HABIBA, Umme - ZAIDI, Syed Azhar Hussain - ALTAF, Aisha - DEVI, Durga - HAMID, Asma - BUKHARI, Amanullah. Integrating Medicinal Pathology by Exploring Capsaicin-Based Therapies into Gynecologic Oncology Practice: A Meta-Analysis. In Pakistan Journal Of Medicine And Dentistry, 2025, roč. 14, č. 3, s. 561-570.

[2] (2025) OSEGHAE, Ikalo David - IKOKWU, Godwin Mmaduabuchi - ABAYOMI, Modinat Aina - ADEWOYE, Mary Adebimpe - OYEBAMIJI, Blessing Oluwapelumi - OLAOYE, Tobi Olasunkanmi - BIYA, Abigail. The Link Between Culture, Cuisine, And Cancer (A Nigerian Perspective). In Australian Journal of Biomedical Research, 2025, roč. 1, č. 2, aubm006

[2] (2026) BANU, Zartaj Washmin - PATOWARY, Lima - DAS, Asha - PRASAD, Satyendra K. - KALITA, Chayanika - GOSWAMI, Chayanika - AHMED, Goswami - AHMED, Nasreen - BHUTIA, Sonam - DASGUPTA, Debaprotim. In Vitro Antiproliferative Potential of Polyphenol-Rich Fractions from Capsicum chinense Against Triple-Negative Breast Cancer Cells. In International journal of drug delivery technology, 2026, roč. 16, č. 35, s. 1-15.

[2] (2026) NAAZ, Shahala - SRIVASTAVA, Swapna Kumar. Computational Screening of Molecules Therapeutic Targeting Amyloid Protein in Alzheimer's Disease. In International journal of drug delivery technology, 2026, roč. 16, č. 38.

MSEP 036708

V Glutathione peroxidase 1 and 2 during preimplantation period of pregnancy in mouse [elektronický zdroj] / Andrea Kreheľová [et al.].

6 In: Bratislava medical journal=Bratislavské lekárske listy. - ISSN 1336-0345. - Roč. 125, č. 1 (2024), s. 64-74. - Spôsob prístupu:

http://www.elis.sk/index.php?page=shop.product_details&flypage=flypage.tpl&product_id=8161&category_id=194&option=com_virtuemart&Itemid=1. Projekt: Vplyv podávania entacapone na antioxidačný status a reprodukčné parametre samcov potkana - VEGA 1/0173/19 ; Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19 ; Ultrasonografická anatomia periférnych nervov a ciev - KEGA 018UPJŠ-4/2021 ; Etiológia porúch skorého preimplantačného vývinu - APVV APVV-18-0389. 10.4149/BLL_2024_011 DOI;DOI; SCOPUS; WOS; 2024 Nordic List=1; 2024 IF=1,1; 2024 AIS=0.279; 2024 CiteScore=2,8; 2024 SJR=0,458; 2024 SNIP=0,577; 2024 Q2(Medicine, general & internal) JCR; 2024 Q3(Medicine (miscellaneous)) Scimago; 2024 Q3(Medicine, general & internal) AIS; 2024 Q2(Medicine, general & internal) JCI [OV 180]; [ŠO 5141]

[KREHEĽOVÁ, Andrea (Autor, 12.5%) - KOVAŘÍKOVÁ, Veronika (Autor, 12.5%) - FABIAN, Dušan (Autor, 12.5%) - SOLÁR, Peter (Autor, 12.5%) - ČURGALI, Kristína (Autor, 12.5%) - NERANTZAKIS, Ingrid (Autor, 12.5%) - HODOROVÁ, Ingrid (Autor, 12.5%) - MIHALIK, Jozef (Korešpondenčný autor, 12.5%)]

Kategórie ohlasov od roku 2022: (3)

[1] (2024) JI, He Wei - WANG, Chao Rui - YUAN, Xiu Wen - WANG, Jing - WANG, Lin - CAO, Qi Long - LI, Ying Hua - XU, Yong Nan - KIM, Nam Hyung. Mangiferin improves early porcine embryonic development by reducing oxidative stress. In Reproduction in Domestic Animals, 2024, roč. 59, č. 4, art. no. e14565

[1] (2025) TERAOKAWA, Jumpei - NAKAMURA, Sakura - OHTOMO, Mana - UEHARA, Saki - KAWATA, Yui - TAKARABE, Shunsuke - SUGITA, Hibiki - NAMIKI, Takafumi - KAGEYAMA, Atsuko - NOGUCHI, Michiko - MURAKAMI, Hironobu - KASHIWAZAKI, Naomi - ITO, Junya. LIFR-Mediated ERBB2 Signaling Is Essential for Successful Embryo Implantation in Mice. In Biomolecules, 2025, roč. 15, č. 5.

[1] (2026) VARGA, Ivan - CARRIEL, Victor. Cellular micro-environment of the endometrium : reproduction, embryo implantation, and placentation - from bench to bedside and beyond to tissue engineering. In Frontiers in cell and developmental biology [online] 2026, roč. 14, č. 28, s. 1-4, art. no. 1788590 .

MSEP 036518

V The presence of glutathione peroxidase 8 (GPx8) in rat male genital organs [elektronický zdroj] / Jozef Mihalik ... [et al.].

7 In: Bratislava medical journal=Bratislavské lekárske listy. - ISSN 1336-0345. - Roč. 125, č. 1 (2024), s.

42-49. - Spôsob prístupu:

http://www.elis.sk/index.php?page=shop.product_details&flypage=flypage.tpl&product_id=8157&category_id=164&option=com_virtuemart&Itemid=1. Projekt: Vplyv podávania entacapone na antioxidačný status a reprodukčné parametre samcov potkana - VEGA 1/0173/19 ; Úloha erythropoetínového receptora v odpovedi buniek adenokarcinómu mliečnej žľazy na paklitaxel v podmienkach in vitro a in vivo - VEGA 1/0536/19 ; Ultrasonografická anatomia periférnych nervov a ciev - KEGA 018UPJŠ-4/2021. 10.4149/BLL_2024_008 DOI;DOI; SCOPUS; WOS; 2024 Nordic List=1; **2024 IF=1,1**; 2024 AIS=0.279; 2024 CiteScore=2,8; 2024 SJR=0,458; 2024 SNIP=0,577; **2024 Q2(Medicine, general & internal) JCR**; 2024 Q3(Medicine (miscellaneous)) Scimago; 2024 Q3(Medicine, general & internal) AIS; 2024 Q2(Medicine, general & internal) JCI [OV 180]; [ŠO 5618 5214]
[MIHALIK, Jozef (Autor, 50%) - SOLÁR, Peter (Autor, 20%) - ČURGALI, Kristína (Autor, 20%) - ŠVAŇA, Martin (Autor, 1%) - KREHEĽOVÁ, Andrea (Autor, 2%) - VRZGULA, Marko (Autor, 1%) - ALMÁŠIOVÁ, Viera (Autor, 1%) - HODOROVÁ, Ingrid (Korešpondenčný autor, 5%)]

Kategórie ohlasov od roku 2022: (1)

[1] (2025) LU, Qingqing - DING, Yuan - LIU, Wen - LIU, Shuzhen. Viral Infections and the Glutathione Peroxidase Family: Mechanisms of Disease Development. In Antioxidants and redox signaling, 2025, roč. 42, s. 623-639.

MSEP 036198

V Current Prevalence of Hemoglobinopathies in the Slovak Population (2020–2024) [elektronický zdroj] / 3 Zuzana Solárová ... [et al.]. - DIGARCHUPJS.

8 In: Bratislava medical journal=Bratislavské lekárske listy. - ISSN 1336-0345. - Roč. 126, č. 7 (2025), s. 1529-1535. - Spôsob prístupu: <https://www.scopus.com/record/display.uri?eid=2-s2.0-105003294598&origin=resultslist>. Projekt: Erythropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJŠ-4/2024. 10.1007/s44411-025-00144-2 DOI;DOI; SCOPUS; WOS; 2025 Nordic List=1; **2025 IF=1,4**; **2025 Q2(Medicine, general & internal) JCR** [OV 180]; [ŠO 5141]

[SOLÁROVÁ, Zuzana (Autor, 40%) - VASILEOVÁ, Angelika (Autor, 5%) - MACICHOVÁ, Michaela (Autor, 5%) - HARVANIK, Pavol (Autor, 10%) - DANKOVÁ, Kristína (Autor, 10%) - ŠEMELÁKOVÁ, Martina (Autor, 10%) - SOLÁR, Peter (Korešpondenčný autor, 20%)]

Kategórie ohlasov od roku 2022: (1)

[1] (2026) STEPHANOU, Coralea - CHATZIMATTHAIOU, Sotiroula - KOUNTOURIS, Petros - TRAEGER-SYNODINOS, Joanne. Mapping diagnostic practices in hemoglobinopathies: a cross-country HELIOS COST Action study. In Blood advances, 2026, roč. 10, č. 9, s. 2991-3001.

MSEP 038138

V Novel factors of cisplatin resistance in epithelial ovarian tumours / Pavol Harvanik ... [et al.]. - 3 DIGARCHUPJS.

9 In: Advances in Medical Sciences : official Journal of the Medical University of Bialystok, Poland. - ISSN 1896-1126. - Roč. 70, č. 1 (2025), s. 94-102. Projekt: Erythropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJŠ-4/2024. 10.1016/j.advms.2025.01.005 DOI;DOI; SCOPUS; WOS;

2025 IF=2,5; **2025 Q3(Medicine, research & experimental) JCR**

[OV 180]; [ŠO 5141]

[HARVANIK, Pavol (Autor, 30%) - ŠEMELÁKOVÁ, Martina (Autor, 10%) - SOLÁROVÁ, Zuzana (Autor, 30%) - SOLÁR, Peter (Korešpondenčný autor, 30%)]

Kategórie ohlasov od roku 2022: (6)

[1] (2025) JIN, Yanyan - XU, Xueyun - LI, Wei. Role of cell division cycle associated 2 in ovarian cancer: Effects on tumor progression and cisplatin resistance. In CytoJournal, 2025, roč. 22.

[1] (2025) NO, Huiwon - KIM, Jungeun - KIM, Jin Kyung. Corylin Exhibits Anticancer Activity by Inducing Apoptosis and G0/G1 Cell Cycle Arrest in SKOV3 Human Ovarian Cancer Cells. In Biomolecules & therapeutics, 2025, roč. 33, č. 6, s. 975-985.

- [1] (2026) HUANG, Qidan - HUANG, Jingsong - DENG, Ting - YANG, Ping - CHEN, Jieping - ZHANG, Wen - HUANG, He - LIU, Weimin. Nanoformulation-enabled CDDP/ICG combination for synergistic chemotherapy and photothermal therapy of ovarian cancer. In Nanomedicine, 2026, roč. 73.
- [1] (2026) LI, Huaqiu - XING, Wenxiu - DAI, Yuyuan - CAO, Shaoyi - YANG, Xinyi - ZHANG, Yue - ZENG, Xiangfeng - LIU, Hongjiao - WU, Xiaoping. Raddeanin A induces ferroptosis by targeting VEPH1 in a cisplatin-resistant epithelial ovarian cancer cell line. In Free radical biology and medicine, 2026, roč. 252, s. 55-68.
- [1] (2026) SHAO, Nan - WANG, Jinghan - LIU, Jiaoying - ZHANG, Junhua - ZHANG, Bin - SUN, Xiaobo - LIU, Xiaoqi. Mitochondrial Dynamics in Diabetic Kidney Disease: Underlying Mechanisms and Novel Therapeutics. In International journal of molecular sciences, 2026, roč. 27, č. 5.
- [2] (2026) WANG, Jia-Mei - ZHAO, Fu-Ying - ZHANG, Qi - YUAN, Ye - LI, Bai-Qiang - LIU, Ning - LIU, Chuan - WANG, Hua-Qin. Reprogramming Transcriptional Networks via CREB1 Lactylation at K122 Activates HMGB1-Mediated NETosis and Chemoresistance. In International Journal of Biological Sciences, 2026, roč. 22, č. 10, s. 5568-5594.

MSEP 037932

- V Assessment the effects of roasted and non-roasted coffee extracts on colon cancer cells [elektronický zdroj] / Martina Šemeláková, Peter Bober, Matúš Várady, Terézia Hudáková, Pavol Harvaník, Ján Šalagovič, Peter Popelka, Peter Solár. - recenzované. - DIGARCHUPJS.
- 0 In: Molecular nutrition and food research. - ISSN 1613-4133. - Roč. 70, č. 9 (2026), art. no. 70486, s. [1-13]. - Spôsob prístupu: <https://onlinelibrary.wiley.com/doi/epdf/10.1002/mnfr.70486>. Projekt: Možnosti zvyšovania kvalitatívnych parametrov výberovej kávy jej sekundárnym spracovaním - VEGA VEGA 1/0038/25 ; Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJŠ-4/2024. 10.1002/mnfr.70486 DOI;DOI; SCOPUS; WOS; CCC; **2026 v čase publikovania platný 2025 IF=4,5 ; v čase publikovania platný 2025 Q2(Food science & technology) JCR**
- [OV 120, 180]; [ŠO 5214 5141]
- [ŠEMELÁKOVÁ, Martina (Korešpondenčný autor, 42%) - BOBER, Peter (Autor, 36%) - VÁRADY, Matúš (Autor, 5%) - HUDÁKOVÁ, Terézia (Autor, 5%) - HARVANIK, Pavol (Autor, 1%) - ŠALAGOVICH, Ján (Autor, 1%) - POPELKA, Peter (Autor, 5%) - SOLÁR, Peter (Autor, 5%)]

MSEP 041390

- V Methodological training in biomedicine and genetic data analysis “METABIG” [elektronický zdroj] /
- 3 M. Šemeláková ... [et al.]. - DIGARCHUPJS.
- 1 FEBS Congress (50. : 04.-08.07.2026 : Maastricht, Holandsko);
- 1 In: FEBS open bio. - ISSN 2211-5463. - Roč. 16, č. Suppl. S2 (2026), P40.001, s. S382-S382, online. - Spôsob prístupu: <https://febs.onlinelibrary.wiley.com/doi/epdf/10.1002/2211-5463.70291>. Projekt: Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJŠ-4/2024. WOS; [OV 180]; [ŠO 5141]
- [ŠEMELÁKOVÁ, Martina (Autor, 20%) - MIČKOVÁ, Helena (Autor, 20%) - NEUPAUEROVÁ, Jana (Autor, 20%) - ŠALAGOVICH, Ján (Autor, 20%) - SOLÁR, Peter (Autor, 20%)]

MSEP 041610

- V Overexpression of biliverdin reductase A leads to ROS-independent sensitization of ovarian adenocarcinoma cells to gemcitabine [elektronický zdroj] / Zuzana Solárová, Kristína Danková, Pavol Harvaník, Peter Bober, Petra Majerová, Radka Michalková, Mangesh Ramesh Bhide, Peter Solár. - recenzované. - DIGARCHUPJS.
- In: Experimental Cell Research : emphasizing molecular approaches to cell biology=ECR. - ISSN 1090-2422. - Roč. 456, č. 2 (2026), art. no. 114905, s. [1-9]. - Spôsob prístupu: <https://www.sciencedirect.com/science/article/pii/S0014482726000212?via%3Dihub>. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJŠ-4/2024. 10.1016/j.yexcr.2026.114905 DOI;DOI; SCOPUS;

2026 v čase publikovania platný 2025 IF=3,5 ; v čase publikovania platný 2025 Q3(Cell biology) JCR ; v čase publikovania platný 2025 Q2(Oncology) JCR

[OV 200, 180]; [ŠO 4318 5214 5141]

[SOLÁROVÁ, Zuzana (Autor, 12.5%) - DANKOVÁ, Kristína (Autor, 12.5%) - HARVANIK, Pavol (Autor, 12.5%) - BOBER, Peter (Autor, 12.5%) - MAJEROVÁ, Petra (Autor, 12.5%) - MICHALKOVÁ, Radka (Autor, 12.5%) - BHIDE, Mangesh Ramesh (Autor, 12.5%) - **SOLÁR, Peter (Korešpondenčný autor, 12.5%)]**

MSEP 041141

V Overexpression of scavenger receptor class B member 2 leads to different response of ovarian

3 adenocarcinoma cells to chemotherapy [elektronický zdroj] / Pavol Harvanik, Zuzana Solárová,

1 Kristína Danková, Peter Bober, Petra Majerová, Radka Michalková, Mangesh Ramesh Bhide, Peter

3 Solár. - recenzované. - DIGARCHUPJS.

In: Experimental Cell Research : emphasizing molecular approaches to cell biology=ECR. - ISSN 1090-2422. - Roč. 461, č. 1 (2026), art. no. 115095, s. [1-13]. - Spôsob prístupu:

<https://www.sciencedirect.com/science/article/pii/S0014482726002120>. Projekt: Erytropoetínový

receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJS-4/2024.

10.1016/j.yexcr.2026.115095 DOI;DOI; SCOPUS; CCC; WOS;

2026 v čase publikovania platný 2025 IF=3,5 ; v čase publikovania platný 2025 Q3(Cell biology) JCR ; v čase publikovania platný 2025 Q2(Oncology) JCR

[OV 200, 180]; [ŠO 4318 5141]

[HARVANIK, Pavol (Autor, 12.5%) - SOLÁROVÁ, Zuzana (Autor, 12.5%) - DANKOVÁ, Kristína (Autor, 12.5%) - BOBER, Peter (Autor, 12.5%) - MAJEROVÁ, Petra (Autor, 12.5%) - MICHALKOVÁ, Radka (Autor, 12.5%) - BHIDE, Mangesh Ramesh (Autor, 12.5%) - **SOLÁR, Peter (Korešpondenčný autor, 12.5%)]**

MSEP 041498

V Overexpression of the erythropoietin receptor is associated with upregulation of tubulin beta 6 and

3 paclitaxel resistance in ovarian adenocarcinoma cells [elektronický zdroj] / Pavol Harvanik ... [et al.]. -

1 DIGARCHUPJS.

4 In: Acta Chimica Slovenica. - ISSN 1580-3155. - Roč. 73, č. 1 (2026), s. 258-266. - Spôsob prístupu:

<https://acsi-journal.eu/index.php/ACSi/article/view/9420>. Projekt: Erytropoetínový receptor a jeho

význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových

výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJS-4/2024. 10.17344/acsi.2025.9420

DOI;DOI; SCOPUS; CCC; WOS;

2026 v čase publikovania platný 2025 IF=1,2 ; v čase publikovania platný 2025 Q4(Chemistry, multidisciplinary) JCR

[OV 120, 180]; [ŠO 1420 5141]

[HARVANIK, Pavol (Autor, 16.667%) - DANKOVÁ, Kristína (Autor, 16.667%) - SOLÁROVÁ, Zuzana (Autor, 16.666%) - ŠEMELÁKOVÁ, Martina (Autor, 16.667%) - BHIDE, Mangesh Ramesh (Autor, 16.666%) - **SOLÁR, Peter (Korešpondenčný autor, 16.667%)]**

MSEP 039204

V Plant-Derived Bioactive Compounds and Their Therapeutic Potential in Cancer [elektronický zdroj] /

3 Martina Šemeláková ... [et al.]. - DIGARCHUPJS.

1 In: International journal of molecular sciences. - ISSN 1422-0067. - Roč. 27, č. 10 (2026), 4275, s. [1-

5 29]. - Spôsob prístupu: <https://www.mdpi.com/1422-0067/27/10/4275>. Projekt: Erytropoetínový

receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do

nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJS-4/2024. 10.3390/ijms27104275

DOI;DOI; SCOPUS; WOS; CCC;

2026 v čase publikovania platný 2025 IF=5,6 ; v čase publikovania platný 2025 Q1(Biomemistry & molecular biology) JCR ; v čase publikovania platný 2025 Q2(Chemistry, multidisciplinary) JCR

[OV 180, 130]; [ŠO 5141 1536]

[ŠEMELÁKOVÁ, Martina (Autor, 34%) - HUDÁKOVÁ, Terézia (Autor, 20%) - SOLÁR, Peter (Autor, 5%) - ŠALAGOVIC, Ján (Autor, 5%) - ŽIDZIK, Jozef (Korešpondenčný autor, 36%)]

Kategórie ohlasov od roku 2022: (1)

[1] (2026) MADAN, Praney - JANAKIRAMAN, K. - PATEL, Shraddha - CHANDRA, Shivam - SAPAEV, Ibrokhim - PRIYAN, Shanmuga - GANAPATHY, Bhavani. From Traditional Medicine to Modern Oncology: Mechanistic Insights into Plant-Derived Anticancer Agents. In Natural Resources for Human Health, 2026, roč. 6, č. 3, s. 619-627.

MSEP 041414

O2 - Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka (3)

- O2 1 The effect of candidate biomarkers BLVRA and SCARB2 on platinum-based chemotherapy resistance in ovarian adenocarcinoma cells [elektronický zdroj] / Harvanik, Pavol ... [et al.]. - DICHARCHUPJS.
Student scientific international conference (19.-21.06.2024 : Vysoké Tatry, Slovensko);
In: Student scientific international conference "GenICa" : Book of abstracts. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2024. - ISBN 9788057403333. - S. 29-30, online. - Spôsob prístupu: <https://zenodo.org/records/12072353>. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed" 024UPJŠ-4/2024.
[OV 180]; [ŠO 5141]
[HARVANIK, Pavol (Autor, 20%) - ŠEMELÁKOVÁ, Martina (Autor, 20%) - SOLÁROVÁ, Zuzana (Autor, 20%) - Bhide, Mangesh Ramesh (Autor, 20%) - SOLÁR, Peter (Autor, 20%)]

MSEP 037100

- O2 2 The effect of erythropoietin receptor on chemotherapeutic resistance of ovarian adenocarcinoma A2780 cells [elektronický zdroj] / Harvanik, Pavol ... [et al.]. - DICHARCHUPJS.
Student scientific international conference (19.-21.06.2024 : Vysoké Tatry, Slovensko);
In: Student scientific international conference "GenICa" : Book of abstracts. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2024. - ISBN 9788057403333. - S. 29-30, online. - Spôsob prístupu: <https://zenodo.org/records/12072353>. Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed" 024UPJŠ-4/2024.
[OV 180]; [ŠO 5141]
[HARVANIK, Pavol (Autor, 20%) - ŠEMELÁKOVÁ, Martina (Autor, 20%) - SOLÁROVÁ, Zuzana (Autor, 20%) - Bhide, Mangesh Ramesh (Autor, 20%) - SOLÁR, Peter (Autor, 20%)]

MSEP 037093

- O2 3 Expression of Sod1-3 and Sod4/Ccs proteins in rat uterine tube during early period of pregnancy [elektronický zdroj] / Mihalik J. ... [et al.]. - DIGARCHUPJS.
International congress of czech anatomical society (56. : 07.-09.09.2025 : Olomouc, Česko);
In: Morphology 2025 : 56th International Congress of Czech Anatomical Society and 61st Lojda Symposium on Histochemistry : book of abstracts. - Olomouc : Univerzita Palackého v Olomouci, 2025. - ISBN 9788024466804. - S. 16-16, online. Projekt: Vplyv podávania entacapone na antioxidačný status a reprodukčné parametre samcov potkana - VEGA 1/0173/19 ; Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Angiogénny potenciál biomateriálov stimulovaný génovým transferom na alternatívnych modeloch CAM a organ-on-chip VEGA 1/0074/24.
[OV 180]; [ŠO 5141]
[MIHALIK, Jozef (Autor, 40%) - KREHEĽOVÁ, Andrea (Autor, 30%) - SOLÁR, Peter (Autor, 10%) - HARVANIK, Pavol (Autor, 5%) - PETROVOVÁ, Eva (Autor, 5%) - HODOROVÁ, Ingrid (Autor, 10%)]

MSEP 038651

O3 - Odborný výstup publikačnej činnosti z časopisu (1)

- O3 1 New insights into the effects of coffee extracts on colon cancer and healthy human cells [elektronický zdroj] / M. Šemeláková ... [et al.]. - DIGARCHUPJS.
EACR 2025 (16.-19.06.2025 : Lisabon, Portugalsko);

In: Molecular oncology. - ISSN 1878-0261. - supl. Roč. 19, č. Supplement 1 (2025), s. 620-621. - Spôsob prístupu: <https://febs.onlinelibrary.wiley.com/doi/epdf/10.1002/1878-0261.70070>.

Projekt: Erytropoetínový receptor a jeho význam v signalizácii nádorovej bunky - VEGA VEGA 1/0500/23 ; Možnosti zvyšovania kvalitatívnych parametrov výberovej kávy jej sekundárnym spracovaním - VEGA VEGA 1/0038/25 ; Zavedenie praktických kurzov biomedicínskeho výskumu pre doktorandov a integrácia vedeckých pracovníkov do nových výučbových prístupov „PraktikMed“ - KEGA KEGA 024UPJŠ-4/2024. 10.1002/1878-0261.70070 DOI;DOI;

2025 Nordic List=2

[OV 180]; [ŠO 5214]

[ŠEMELÁKOVÁ, Martina (Autor, 25%) - BOBER, Peter (Autor, 20%) - VÁRADY, Matúš (Autor, 20%) - HUDÁKOVÁ, Terézia (Autor, 10%) - HARVANIK, Pavol (Autor, 5%) - POPELKA, Peter (Autor, 10%) - SOLÁR, Peter (Autor, 10%)]

MSEP 038665

P1 - Pedagogický výstup publikačnej činnosti ako celok (1)

- P1 1 Lekárska biológia a genetika / Eva Slabá .. a kol. ; recenzenti Mangesh Ramesh Bhide, Peter Kubatka. - 1. vyd. - Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2023. - 354 s. [22,65 AH]. - ISBN 9788057401773.
[OV 180]; [ŠO 5141]
[SLABÁ, Eva (Autor, 16% [3,63 AH]) - ŽIDZIK, Jozef (Autor, 14.57% [3,30 AH]) - **SOLÁR, Peter (Autor, 9.4% [2,13 AH])** - MIČKOVÁ, Helena (Autor, 14.13% [3,20 AH]) - ŠALAGOVIC, Ján (Autor, 13.77% [3,12 AH]) - HUDÁKOVÁ, Terézia (Autor, 13.29% [3,01 AH]) - HABALOVÁ, Viera (Autor, 9.89% [2,24 AH]) - KLIMČÁKOVÁ, Lucia (Autor, 6.3% [1,42 AH]) - ŠEMELÁKOVÁ, Martina (Autor, 2.65% [0,60 AH]) - SLABÁ, Eva (Zostavovateľ, editor, 34%) - ŽIDZIK, Jozef (Zostavovateľ, editor, 33%) - **SOLÁR, Peter (Zostavovateľ, editor, 33%)**]

MSEP 035370

Štatistika kategórií publikačnej činnosti do roku 2021:

AAA - Vedecké monografie vydané v zahraničných vydavateľstvách	1
ABA - Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách	1
ABC - Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách	2
ADC - Vedecké práce v zahraničných karentovaných časopisoch	51
ADD - Vedecké práce v domácich karentovaných časopisoch	6
ADE - Vedecké práce v ostatných zahraničných časopisoch	5
ADF - Vedecké práce v ostatných domácich časopisoch	9
ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS	7
AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách	1
AED - Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách	9
AEG - Abstrakty vedeckých prác v zahraničných karentovaných časopisoch	7
AFC - Publikované príspevky na zahraničných vedeckých konferenciách	4
AFD - Publikované príspevky na domácich vedeckých konferenciách	25
AFE - Abstrakty pozvaných príspevkov zo zahraničných vedeckých konferencií	1
AFG - Abstrakty príspevkov zo zahraničných vedeckých konferencií	19
AFH - Abstrakty príspevkov z domácich vedeckých konferencií	13

AFK - Postery zo zahraničných konferencií	3
BAB - Odborné knižné publikácie vydané v domácich vydavateľstvách	1
BCI - Skriptá a učebné texty	2
BEF - Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných)	2
BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...)	4
DAI - Dizertačné a habilitačné práce	2
C E L K O M	175

Štatistika kategórií publikačnej činnosti od roku 2022:

V2 - Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka	6
V3 - Vedecký výstup publikačnej činnosti z časopisu	15
O2 - Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka	3
O3 - Odborný výstup publikačnej činnosti z časopisu	1
P1 - Pedagogický výstup publikačnej činnosti ako celok	1
C E L K O M	26

Štatistika kategórií ohlasov do roku 2021:

[1] Citácie v zahraničných publikáciách registrované v citačných indexoch Web of Science a v databáze SCOPUS	787
[2] Citácie v domácich publikáciách registrované v citačných indexoch Web of Science a v databáze SCOPUS	2
[3] Citácie v zahraničných publikáciách neregistrované v citačných indexoch	27
[5] Recenzie v zahraničných publikáciách	1
[6] Recenzie v domácich publikáciách	2
C E L K O M	819

Štatistika kategórií ohlasov od roku 2022:

[1] Citácia v publikácii registrovaná v citačných indexoch	999
[2] Citácia v publikácii vrátane citácie v publikácii registrovanej v iných databázach okrem citačných indexov	27
C E L K O M	1026

V Košiciach: 1.9.2026

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