

**Prehľad publikačnej činnosti**  
**Mgr. Vladimír Leksa, PhD.**

**Skupina V - Vedecký výstup publikačnej činnosti (V1, V2, V3)**

Počet výstupov: 25

V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka (1)

V3 Vedecký výstup publikačnej činnosti z časopisu (24)

**Skupina O - Odborný výstup publikačnej činnosti (O1, O2, O3)**

Počet výstupov: 1

O3 Odborný výstup publikačnej činnosti z časopisu (1)

**Skupina P - Pedagogický výstup publikačnej činnosti (P1, P2)**

Počet výstupov: 2

P1 Pedagogický výstup publikačnej činnosti ako celok (2)

**Skupina U - Umelecký výstup publikačnej činnosti (U1, U2, U3)**

Počet výstupov: 0

**Skupina D - Dokument práv duševného vlastníctva (D1)**

Počet výstupov: 0

**Skupina I - Iný výstup publikačnej činnosti (I1, I2, I3)**

Počet výstupov: 0

**Skupina A1 - Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)**

Počet výstupov: 0

**Skupina A2 - Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, CAA, CAB, EAI, EAJ, FAI)**

Počet výstupov: 0

**Skupina B - Publikácie v karentovaných časopisoch alebo registrované vo WoS a Scopus (ADC, ADD, BDC, BDD, CDC, CDD, ADM, ADN, BDM, BDN)**

Počet výstupov: 5

ADC Vedecké práce v zahraničných karentovaných časopisoch (3)

ADD Vedecké práce v domácich karentovaných časopisoch (2)

**Skupina P - Patenty (AGJ)**

Počet výstupov: 0

**Skupina D - Ostatné sledované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AEG, AEH, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, AEM, AEN, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEE, BEF, BFA, BFB, CBA, CBB, CDE, CDF)**

Počet výstupov: 9

AFD Publikované príspevky na domácich vedeckých konferenciách (2)

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií (1)

AFH Abstrakty príspevkov z domácich vedeckých konferencií (2)

BEF Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných) (1)

BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie...) (2)

BFB Abstrakty odborných prác z domácich podujatí (konferencie...) (1)

**Skupina O - Iné, nesledované publikácie (AFK, AFL, AGI, CAI, CAJ, CEC, CED, CGC, CGD, CIA, CIB, CJA, CJB, CKA, CKB, DAI, EDI, EDJ, GAI, GHG, GII)**

Počet výstupov: 1

GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup (1)

**Počet výstupov spolu: 43**

**Štatistika ohlasov s kategóriou podľa Vyhlášky č. 397/2020 Z. z:** počet ohlasov: 167

**Citácia v publikácii registrovaná v citačných indexoch:** počet ohlasov: 167

**Štatistika ohlasov:** počet ohlasov: 167

### **Menný zoznam publikácií:**

#### **V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka**

**Počet výstupov: 1**

**V2\_001** Babulic, Patrik, Leksa, Vladimír. BN/SDS-PAGE v druhom rozmere ako nástroj pre pozorovanie proteínovej interakcie [elektronický dokument] = BN/SDS-PAGE in the second dimension as a tool for protein interaction observation. SIGN-UKO PR 268/24 In: Študentská vedecká konferencia Prif UK 2024: Zborník recenzovaných príspevkov. Bratislava: Univerzita Komenského v Bratislave, 2024, s. 37-42 [online]. ISBN (online) 978-80-223-5822-4.  
[https://fns.uniba.sk/fileadmin/prif/svk/zborniky/Zbornik\\_SVK\\_PriF\\_UK\\_2024.pdf](https://fns.uniba.sk/fileadmin/prif/svk/zborniky/Zbornik_SVK_PriF_UK_2024.pdf). [slovenčina]

#### **V3 Vedecký výstup publikačnej činnosti z časopisu**

**Počet výstupov: 24**

**V3\_001** Zwirzitz, Alexander, Reiter, Michael, Škrabana, Rostislav, Ohradanova-Repic, Anna, Majdic, Otto, Gutekova, Marianna, Cehlár, Ondrej, Petrovčíková, Eva, Kutejová, Eva, Stanek, Gerold, Stockinger, Hannes, Leksa, Vladimír. Lactoferrin is a natural inhibitor of plasminogen activation [elektronický dokument]. DOI 10.1074/jbc.RA118.003145. SIGN-UKO PR 145/18 In: The Journal of Biological Chemistry. Baltimore: American Society for Biochemistry and Molecular Biology, 2018, Roč. 293, č. 22, s. 8600-8613 [tlačaná forma] [online]. ISSN 0021-9258. ISSN (online) 1083-351X.  
<https://pubmed.ncbi.nlm.nih.gov/29669808/>.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000434205700023>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85048053489&origin=resultlist>. [angličtina]

#### **Ohlasy:**

2024 [01] Naidu, A. Satyanarayan, Wang, Chin-Kun, Rao, Pingfan, Mancini, Fabrizio, Clemens, Roger A., Wirakartakusumah, Aman, Chiu, Hui-Fang, Yen, Chi-Hua, Porretta, Sebastiano, Mathai, Issac, Naidu, Sreus A. G. Precision nutrition to reset virus-induced human metabolic reprogramming and dysregulation (HMRD) in long-COVID [elektronický dokument]. DOI 10.1038/s41538-024-00261-2 In: NPJ science of food. [Basingstoke]: Springer Nature, 2024, Roč. 8, č. 1, art. no. 19, s. [online]. ISSN (online) 2396-8370

2024 [01] Takahashi, Tetta, Tomonobu, Nahoko, Kinoshita, Rie, Yamamoto, Ken Ichi, Murata, Hitoshi, Komalasari, Ni Luh Gede Yoni, Chen, Youyi, Jiang, Fan, Gohara, Yuma, Ochi, Toshiki, Ruma, I. Made Winarsa, Sumardika, I. Wayan, Zhou, Jin, Honjo, Tomoko, Sakaguchi, Yoshihiko, Yamauchi, Akira, Kuribayashi, Futoshi, Kondo, Eisaku, Inoue, Yusuke, Futami, Junichiro, Toyooka, Shinichi, Zamami, Yoshito, Sakaguchi, Masakiyo. Lysyl oxidase-like 4 promotes the invasiveness of triple-negative breast cancer cells by orchestrating the invasive machinery formed by annexin A2 and S100A11 on the cell surface [elektronický dokument]. DOI 10.3389/fonc.2024.1371342 In: Frontiers in oncology. Lausanne: Frontiers Media, 2024, Roč. 14, art. no. 1371342 [online]. ISSN (online) 2234-943X. [angličtina]

2024 [01] Mariani, Francesco, Rainaldi, Saveena, Dall'Ara, Giulia, De Rose, Cristina, Morello, Rosa, Buonsenso, Danilo. Persisting Gastrointestinal Symptoms in Children with SARS-CoV-2: Temporal Evolution over 18 Months and Possible Role of Lactoferrin [elektronický dokument]. DOI 10.3390/children11010105 In: Children. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 11, č. 1, art. no. 105 [online]. ISSN (online) 2227-9067. [angličtina]

2024 [01] Ramírez-Rico, Gerardo, Ruiz-Mazón, Lucero, Reyes-López, Magda, Rivillas Acevedo, Lina, Serrano-Luna, Jesús, de la Garza, Mireya. Apo-Lactoferrin Inhibits the Proteolytic Activity of the 110 kDa Zn Metalloprotease Produced by Mannheimia haemolytica A2 [elektronický dokument]. DOI 10.3390/ijms25158232 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 25, č. 15, art. no. 8232 [online] [tlačaná forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

2023 [01] Çipe, Funda, Arisoy, Ayşe Engin, Arisoy, Emin Sami, Kaplan, Sheldon L. Role of breastfeeding in the prevention of infectious diseases [elektronický dokument]. DOI 10.1007/978-3-031-33278-4\_26 In: Breastfeeding and Metabolic Programming. Cham: Springer Nature, 2023, s. 317-339 [tlačaná forma] [online]. ISBN 978-3-031-33277-7. ISBN (online) 978-3-031-33278-4. [angličtina]

2023 [01] Abbas, Heba Salah, Abd-Elhakeem, Mona Mohame, Abd El Galil, Rania Mostafa, Reyad, Omar Ahmed, Mohamed, Heba Ahmed, Ismail, Salma Emad Saber, Nabil, Manal Ahmed. Natural Immunomodulators Treat the Cytokine Storm in SARS-CoV-2 [elektronický dokument]. DOI 10.34172/apb.2023.006 In: Advanced Pharmaceutical Bulletin. Tabriz: Tabriz University of Medical Sciences, 2023, Roč. 13, č. 1, s. 79-87 [tlačená forma] [online]. ISSN 2228-5881. ISSN (online) 2251-7308. [angličtina]

2023 [01] El-Baky, Nawal Abd, Amara, Amro Abd Al Fattah, Redwan, Elrashdy Mustafa. Nutraceutical and therapeutic importance of clots and their metabolites. DOI 10.1016/B978-0-443-19193-0.00009-5 In: Nutraceuticals: Sources, Processing Methods, Properties, and Applications. New York: Academic Press Inc., 2023, s. 241-268 [tlačená forma]. ISBN [9780443191930, 9780443191947]. [angličtina]

2023 [01] Rosa, Luigi, Cutone, Antimo, Conte, Maria Pia, Campione, Elena, Bianchi, Luca, Valenti, Piera. An overview on in vitro and in vivo antiviral activity of lactoferrin: its efficacy against SARS-CoV-2 infection [elektronický dokument]. DOI 10.1007/s10534-022-00427-z In: BioMetals: An International Journal on the Role of Metal Ions in Biology, Biochemistry and Medicine . Dordrecht: Springer Nature, 2023, Roč. 36, č. 3, s. 417-436 [tlačená forma] [online]. ISSN 0966-0844. ISSN (online) 1572-8773. [angličtina]

2023 [01] Thesbjerg, Martin Nørmark, Nielsen, Søren Drud Heydary, Sundekilde, Ulrik Kræmer, Poulsen, Nina Aagaard, Larsen, Lotte Bach. Fingerprinting of Proteases, Protease Inhibitors and Indigenous Peptides in Human Milk [elektronický dokument]. DOI 10.3390/nu15194169 In: Nutrients. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 15, č. 19, art. no. 4169 [online]. ISSN (online) 2072-6643. [angličtina]

2023 [01] Dyrda-Terniuk, Tetiana, Pomastowski, Paweł. The Multifaceted Roles of Bovine Lactoferrin: Molecular Structure, Isolation Methods, Analytical Characteristics, and Biological Properties [elektronický dokument]. DOI 10.1021/acs.jafc.3c06887 In: Journal of agricultural and food chemistry: a publication of the American Chemical Society. Washington: American Chemical Society, 2023, Roč. 71, č. 51, s. 20500-20531 [tlačená forma] [online]. ISSN 0021-8561. ISSN (online) 1520-5118. [angličtina]

2023 [01] Wang, Jianhua, Yang, Na, Vogel, Hans J. Lactoferrin, a Great Wall of host-defence? [elektronický dokument]. DOI 10.1007/s10534-023-00502-z In: BioMetals: An International Journal on the Role of Metal Ions in Biology, Biochemistry and Medicine . Dordrecht: Springer Nature, 2023, Roč. 36, č. 3, s. 385-390 [tlačená forma] [online]. ISSN 0966-0844. ISSN (online) 1572-8773. [angličtina]

2023 [01] Naidu, Sreus A.G., Clemens, Roger A., Naidu, A. Satyanarayan. SARS-CoV-2 Infection Dysregulates Host Iron (Fe)-Redox Homeostasis (Fe-R-H): Role of Fe-Redox Regulators, Ferroptosis Inhibitors, Anticoagulants, and Iron-Chelators in COVID-19 Control [elektronický dokument]. DOI 10.1080/19390211.2022.2075072 In: Journal of dietary supplements. Londýn: Informa Healthcare, 2023, Roč. 20, č. 2, s. 312-371 [tlačená forma] [online]. ISSN 1939-0211. ISSN (online) 1939-022X

2022 [01] Giribaldi, Marzia, Nebbia, Stefano, Briard-Bion, Valérie, Jardin, Julien, Peila, Chiara, Coscia, Alessandra, Dupont, Didier, Cavallarin, Laura, Deglaire, Amélie. Simulated dynamic digestion reveals different peptide releases from human milk processed by means of holder or high temperature-short time pasteurization [elektronický dokument]. DOI 10.1016/j.foodchem.2021.130998 In: Food chemistry. Oxon: Elsevier, 2022, Roč. 369, art. no. 130998 [tlačená forma] [online]. ISSN 0308-8146. ISSN (online) 1873-7072. [angličtina]

2022 [01] Morello, Rosa, De Rose, Cristina, Cardinali, Sara, Valentini, Piero, Buonsenso, Danilo. Lactoferrin as Possible Treatment for Chronic Gastrointestinal Symptoms in Children with Long COVID: Case Series and Literature Review [elektronický dokument]. DOI 10.3390/children9101446 In: Children. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 9, č. 10, art. no. 1446 [online]. ISSN (online) 2227-9067. [angličtina]

2022 [01] Widgerow, Alan D., Wang, Jordan V., Ziegler, Mary E., Fabi, Sabrina G., Garruto, John A., Robinson, Dianne Mraz, Bell, Michaela. Advances in Pigmentation Management: A Multipronged Approach. DOI 10.36849/JDD.7013 In: Journal of Drugs in Dermatology. Newark: SanovaWorks, 2022, Roč. 21, č. 11, s. 1206-1220 [tlačená forma]. ISSN 15459616. [angličtina]

2022 [01] Bolat, Ecem, Eker, Furkan, Kaplan, Merve, Duman, Hatice, Arslan, Ayşenur, Saritaş, Sümeyye, Şahutoğlu, Arif Sercan, Karav, Sercan. Lactoferrin for COVID-19 prevention, treatment, and recovery

[elektronický dokument]. DOI 10.3389/fnut.2022.992733 In: *Frontiers in nutrition*. Lausanne: Frontiers Media, 2022, Roč. 9, art. no. 992733 [online]. ISSN (online) 2296-861X. [angličtina]

2021 [01] Mattar, Ehab H., Elrashdy, Fatma, Almehdar, Hussein A., Uversky, Vladimir N., Redwan, Elrashdy M. Natural resources to control COVID-19: Could lactoferrin amend SARS-CoV-2 infectivity? [elektronický dokument]. DOI 10.7717/peerj.11303 In: *PeerJ*. Londýn: PeerJ INC, 2021, Roč. 9, art. no. e11303 [online]. ISSN (online) 2167-8359. [angličtina]

2021 [01] Quitadamo, Pasqua Anna, Comegna, Laura, Cristalli, Pierpaolo. Anti-Infective, Anti-Inflammatory, and Immunomodulatory Properties of Breast Milk Factors for the Protection of Infants in the Pandemic From COVID-19 [elektronický dokument]. DOI 10.3389/fpubh.2020.589736 In: *Frontiers in public health*. Lausanne: Frontiers Media, 2021, Roč. 8, art. no. 589736 [online]. ISSN (online) 2296-2565. [angličtina]

2021 [01] Campione, Elena, Lanna, Caterina, Cosio, Terenzio, Rosa, Luigi, Conte, Maria Pia, Iacovelli, Federico, Romeo, Alice, Falconi, Mattia, Del Vecchio, Claudia, Franchin, Elisa, Lia, Maria Stella, Minieri, Marilena, Chiaramonte, Carlo, Ciotti, Marco, Nuccetelli, Marzia, Terrinoni, Alessandro, Iannuzzi, Ilaria, Coppeta, Luca, Magrini, Andrea, Bernardini, Sergio, Sabatini, Stefano, Rosapepe, Felice, Bartoletti, Pier Luigi, Moricca, Nicola, Di Lorenzo, Andrea. Lactoferrin as antiviral treatment in COVID-19 management: Preliminary evidence [elektronický dokument]. DOI 10.3390/ijerph182010985 In: *International journal of environmental research and public health*. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 18, č. 20, art. no. 10985 [tlačaná forma] [online]. ISSN 1661-7827. ISSN (online) 1660-4601. [angličtina]

2021 [01] Campione, Elena, Lanna, Caterina, Cosio, Terenzio, Rosa, Luigi, Conte, Maria Pia, Iacovelli, Federico, Romeo, Alice, Falconi, Mattia, Del Vecchio, Claudia, Franchin, Elisa, Lia, Maria Stella, Minieri, Marilena, Chiaramonte, Carlo, Ciotti, Marco, Nuccetelli, Marzia, Terrinoni, Alessandro, Iannuzzi, Ilaria, Coppeta, Luca, Magrini, Andrea, Bernardini, Sergio, Sabatini, Stefano, Rosapepe, Felice, Bartoletti, Pier Luigi, Moricca, Nicola, Di Lorenzo, Andrea. Lactoferrin Against SARS-CoV-2: In Vitro and In Silico Evidences [elektronický dokument]. DOI 10.3389/fphar.2021.666600 In: *Frontiers in Pharmacology*. Lausanne: Frontiers Media, 2021, Roč. 12, art. no. 666600 [online]. ISSN (online) 1663-9812. [angličtina]

2021 [01] Rosa, Luigi, Tripepi, Giovanni, Naldi, Enrico, Aimati, Marina, Santangeli, Stefano, Venditto, Francesco, Caldarelli, Marcello, Valenti, Piera. Ambulatory covid-19 patients treated with lactoferrin as a supplementary antiviral agent: A preliminary study [elektronický dokument]. DOI 10.3390/jcm10184276 In: *Journal of clinical medicine*. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 10, č. 18, art. no. 4276 [online]. ISSN (online) 2077-0383. [angličtina]

2021 [01] Chan, Lauren E., Beverly, Robert L., Dallas, David C. The Enzymology of Human Milk. DOI 10.1007/978-3-030-55482-8\_9 In: *Agents of Change: Enzymes in Milk and Dairy Products*. Cham: Springer Nature, 2021, s. 209-243 [tlačaná forma]. ISBN 9783030554811. [angličtina]

2021 [01] Coleman, James L., Benach, Jorge L., Wali Karzai, A. Endogenous and borrowed proteolytic activity in the borrelia [elektronický dokument]. DOI 10.1128/MMBR.00217-20 In: *Microbiology and Molecular Biology Reviews*. Washington: American Society for Microbiology, 2021, Roč. 85, č. 2, art. no. e00217-20 [tlačaná forma] [online]. ISSN 1092-2172. ISSN (online) 1098-5557. [angličtina]

2021 [01] Heissig, Beate, Salama, Yousef, Osada, Taro, Okumura, Ko, Hattori, Koichi. The multifaceted role of plasminogen in cancer [elektronický dokument]. DOI 10.3390/ijms22052304 In: *International journal of molecular sciences*. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 22, č. 5, art. no. 2304 [online] [tlačaná forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

2020 [01] Fahey, M. J., Fischer, A. J., Steele, M. A., Greenwood, S. L. Characterization of the colostrum and transition milk proteomes from primiparous and multiparous Holstein dairy cows [elektronický dokument]. DOI 10.3168/jds.2019-17094 In: *Journal of Dairy Science: Official journal of the American Dairy Science Association®*. New York: Elsevier, 2020, Roč. 103, č. 2, s. 1993-2005 [tlačaná forma]. ISSN 0022-0302. ISSN (online) 1525-3198. [angličtina]

2020 [01] Campione, Elena, Cosio, Terenzio, Rosa, Luigi, Lanna, Caterina, Girolamo, Stefano Di, Gaziano, Roberta, Valenti, Piera, Bianchi, Luca. Lactoferrin as protective natural barrier of respiratory and intestinal mucosa against coronavirus infection and inflammation [elektronický dokument]. DOI 10.3390/ijms21144903 In: *International journal of molecular sciences*. Bazilej: Multidisciplinary Digital Publishing Institute, 2020, Roč. 21, č. 14, s. 1-14 [online] [tlačaná forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

2020 [01] Wang, X. X., Han, R. W., Zhao, X. W., Huang, D. W., Zhu, H. L., Wu, T., Qi, Y. X., Yang, Y. X., Cheng, G. L. Label-free quantitative proteomics analysis reveals the fate of colostrum proteins in the intestine of neonatal calves [elektronický dokument]. DOI 10.3168/jds.2020-18439 In: Journal of Dairy Science: Official journal of the American Dairy Science Association®. New York: Elsevier, 2020, Roč. 103, č. 11, s. 10823-10834 [tlačaná forma]. ISSN 0022-0302. ISSN (online) 1525-3198. [angličtina]

2020 [01] Gulen, Burak, Rosselin, Marie, Fauser, Joel, Albers, Michael F., Pett, Christian, Krisp, Christoph, Pogenberg, Vivian, Schlüter, Hartmut, Hedberg, Christian, Itzen, Aymelt. Identification of targets of AMPylating Fic enzymes by co-substrate-mediated covalent capture [elektronický dokument]. DOI 10.1038/s41557-020-0484-6 In: Nature Chemistry. Berlín: Springer Nature. Springer. Nature Portfolio, 2020, Roč. 12, č. 8, s. 732-739. ISSN 17554330. ISSN (online) 17554349. [angličtina]

2020 [01] Widgerow, Alan D., Jacob, Carolyn, Palm, Melanie D., Garruto, John A., Bell, Michaela. Developing a topical adjunct to injectable procedures. DOI 10.36849/JDD.2020.5016 In: Journal of Drugs in Dermatology. Newark: SanovaWorks, 2020, Roč. 19, č. 4, s. 398-404 [tlačaná forma]. ISSN 15459616. [angličtina]

2019 [01] Dadar, Maryam, Shahali, Youcef, Chakraborty, Sandip, Prasad, Minakshi, Tahoori, Fatemeh, Tiwari, Ruchi, Dhama, Kuldeep. Antiinflammatory peptides: current knowledge and promising prospects [elektronický dokument]. DOI 10.1007/s00011-018-1208-x In: Inflammation research. [s.l.]: Springer Nature, 2019, Roč. 68, č. 2, s. 125-145 [tlačaná forma] [online]. ISSN 1023-3830. ISSN (online) 1420-908X. [angličtina]

2019 [01] Deglaire, Amélie, Oliveira, Samira De, Jardin, Julien, Briard-Bion, Valérie, Kroell, Florian, Emily, Mathieu, Ménard, Olivia, Bourlieu, Claire, Dupont, Didier. Impact of human milk pasteurization on the kinetics of peptide release during in vitro dynamic digestion at the preterm newborn stage [elektronický dokument]. DOI 10.1016/j.foodchem.2018.12.086 In: Food chemistry. Oxon: Elsevier, 2019, Roč. 281, s. 294-303 [tlačaná forma] [online]. ISSN 0308-8146. ISSN (online) 1873-7072. [angličtina]

**V3\_002** Zsemlye, Eszter, Suchánková, Magda, Leksa, Vladimír, Urban, Ján, Gánovská, Martina, Tibenská, Elena, Szaboová, Kinga, Tedlová, Eva, Sándor, František, Hájková, Marta, Klučková, Kristína, Bucová, Mária. IGF2R a jeho úloha pri fibrotizujúcich fenotypoch difúzných parenchymových pľúcnych chorôb [elektronický dokument]. SIGN-UKO LF IU/22 In: Alergie: časopis pro kontinuální vzdělávání v alergologii a klinické imunologii. Praha: Tigis, 2022, Roč. 24, č. 1, s. 23-24 [tlačaná forma] [online]. ISSN 1212-3536. ISSN (online) 1212-687X. [slovenčina]

**V3\_003** Suchánková, Magda, Leksa, Vladimír, Urban, Ján, Gánovská, Martina, Tibenská, Elena, Sándor, František, Hájková, Marta, Zsemlye, Eszter, Klučková, Kristína, Bucová, Mária. Hladiny CX3CL1 v bronchoalveolárnej laváži odzrkadľujú proces fibrotizácie pri difúzných parenchymových pľúcnych chorobách [elektronický dokument]. SIGN-UKO LF IU/22 In: Alergie: časopis pro kontinuální vzdělávání v alergologii a klinické imunologii. Praha: Tigis, 2022, Roč. 24, č. 1, s. 98-99 [tlačaná forma] [online]. ISSN 1212-3536. ISSN (online) 1212-687X. [slovenčina]

**V3\_004** Leksa, Vladimír, Pfisterer, Karin, Ondrovičová, Gabriela, Binder, Brigitte, Lakatošová, Silvia, Donner, Clemens, Schiller, Herbert B., Zwirzitz, Alexander, Mrvová, Katarína, Pevala, Vladimír, Kutejová, Eva, Stockinger, Hannes. Dissecting mannose 6-phosphate-insulin-like growth factor 2 receptor complexes that control activation and uptake of plasminogen in cells [elektronický dokument]. DOI 10.1074/jbc.M112.339663. SIGN-UKO LF FYU/12. SIGN-UKO PR 1231/12 In: The Journal of Biological Chemistry. Baltimore: American Society for Biochemistry and Molecular Biology, 2012, Roč. 287, č. 27, s. 22450-22462 [tlačaná forma] [online]. ISSN 0021-9258. ISSN (online) 1083-351X. <https://www.sciencedirect.com/science/article/pii/S0021925820434192>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000306495000005>. <https://www.scopus.com/record/display.uri?eid=2-s2.0-84863313484&origin=resultlist>. [angličtina]

**V3\_005** Ohradanova-Repic, Anna, Škrabana, Rostislav, Gebetsberger, Laura, Tajti, Gabor, Baráth, Peter, Ondrovičová, Gabriela, Praženicová, Romana, Jantova, Nikola, Hrašnová, Patrícia, Stockinger, Hannes, Leksa, Vladimír. Blockade of TMRSS2-mediated priming of SARS-CoV-2 by lactoferricin [elektronický dokument]. DOI 10.3389/fimmu.2022.958581. SIGN-UKO PR 1111/22. SIGN-UKO PR 1174/22 In: Frontiers in immunology. Lausanne: Frontiers Media, 2022, Roč. 13, č. August, art. no. 958581, s. [1-10] [online]. ISSN (online) 1664-3224. <https://www.webofscience.com/wos/woscc/full-record/WOS:000872563500001>.

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85137586647&origin=resultslist>.  
<https://pubmed.ncbi.nlm.nih.gov/36081512/>. [angličtina]

#### Ohlasy:

2024 [01] Singh, Parminder, Dhakal, Janak, Kumar, Pavan. Antiviral properties of milk proteins and peptides against SARS-COV-2: A review [elektronický dokument]. DOI 10.1016/j.jff.2024.106237 In: Journal of Functional Foods. Amsterdam: Elsevier, 2024, Roč. 117, art. no. 106237 [tlačaná forma] [online]. ISSN 1756-4646. ISSN (online) 2214-9414. [angličtina]

2023 [01] Wang, Jianhua, Yang, Na, Vogel, Hans J. Lactoferrin, a Great Wall of host-defence? [elektronický dokument]. DOI 10.1007/s10534-023-00502-z In: BioMetals: An International Journal on the Role of Metal Ions in Biology, Biochemistry and Medicine . Dordrecht: Springer Nature, 2023, Roč. 36, č. 3, s. 385-390 [tlačaná forma] [online]. ISSN 0966-0844. ISSN (online) 1572-8773. [angličtina]

2023 [01] Francese, Rachele, Peila, Chiara, Donalisio, Manuela, Lamberti, Cristina, Cirrincione, Simona, Colombi, Nicoletta, Tonetto, Paola, Cavallarín, Laura, Bertino, Enrico, Moro, Guido E., Coscia, Alessandra, Lembo, David. Viruses and Human Milk: Transmission or Protection? [elektronický dokument]. DOI 10.1016/j.advnut.2023.08.007 In: Advances in nutrition. New York: Elsevier, 2023, Roč. 14, č. 6, s. 1389-1415 [tlačaná forma] [online]. ISSN 2161-8313. ISSN (online) 2156-5376. [angličtina]

2023 [01] Wang, Nannan, Cai, Tingting, Liu, Xia, Zhu, Wanping. Bovine lactoferrin inhibits resistant *Helicobacter pylori* in vitro and protects gastric mucosal injury in vivo [elektronický dokument]. DOI 10.1016/j.idairyj.2023.105770 In: International Dairy Journal. Barking: Elsevier, 2023, Roč. 147, art. no. 105770 [tlačaná forma]. ISSN 0958-6946. ISSN (online) 1879-0143. [angličtina]

2023 [01] Nejat, Reza, Torshizi, Maziar Fayaz, Najafi, David J. S Protein, ACE2 and Host Cell Proteases in SARS-CoV-2 Cell Entry and Infectivity; Is Soluble ACE2 a Two Blade Sword? A Narrative Review [elektronický dokument]. DOI 10.3390/vaccines11020204 In: Vaccines. Basel: Multidisciplinary Digital Publishing Institute, 2023, Roč. 11, č. 2, art. no. 204 [online]. ISSN (online) 2076-393X. [angličtina]

2023 [01] Mortazavi, Faezeh, Soltanshahi, Mohsen, Tamaddon, Gholamhossein. Evaluation of the Relationship Between Serum miR-200b-3p and miR-214-3p Expression Levels with Soluble ACE2 and TMPRSS2 in COVID-19 Patients [elektronický dokument]. DOI 10.5812/ijpr-137832 In: Iranian Journal of Pharmaceutical Research. Tehran: Shaheed Beheshti University of Medical Sciences and Health Services, 2023, Roč. 22, č. 1, art. no. e137832 [tlačaná forma] [online]. ISSN 1735-0328. ISSN (online) 1726-6890. [angličtina]

**V3\_006** Kardohelyová, Michaela, Suchánková, Magda, Urban, Ján, Leksa, Vladimír, Gánovská, Martina, Tibenská, Elena, Szaboová, Kinga, Tedlová, Eva, Bucová, Mária. Úloha IGF2R v imunopatogenéze a imunodiagnostike digfúzných parenchýmových pľúcnych chorôb. SIGN-UKO LF IU/24 In: Klinická imunológia a alergológia. Bratislava: Slovenská spoločnosť pre alergológiu a klinickú imunológiu, 2024, Roč. 34, č. 1, s. 17-17 [tlačaná forma]. ISSN 1335-0013. [slovenčina]

**V3\_007** Babulic, Patrik, Cehlár, Ondrej, Ondrovičová, Gabriela, Moskalets, Tetiana, Škrabana, Rostislav, Leksa, Vladimír. Lactoferrin Binds through Its N-Terminus to the Receptor-Binding Domain of the SARS-CoV-2 Spike Protein [elektronický dokument]. DOI 10.3390/ph17081021. SIGN-UKO PR 501/24 In: Pharmaceuticals: an international scientific journal of medicinal chemistry and related drug sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 17, č. 4, s. [1-12] [online] [tlačaná forma]. ISSN (online) 1424-8247. <https://www.mdpi.com/1424-8247/17/4/408>. [angličtina]

**V3\_008** Leksa, Vladimír, Godár, S., Cebecauer, M., Hilgert, I., Breuss, J., Weidle, UH, Horejsí, V., Binder, B.R., Stockinger, H. The N terminus of mannose 6-phosphate/insulin-like growth factor 2 receptor in regulation of fibrinolysis and cell migration [elektronický dokument]. DOI 10.1074/jbc.M207979200 In: The Journal of Biological Chemistry. Baltimore: American Society for Biochemistry and Molecular Biology, 2002, Roč. 277, č. 43, s. 40575-40582 [tlačaná forma] [online]. ISSN 0021-9258. ISSN (online) 1083-351X. <https://www.scopus.com/record/display.uri?eid=2-s2.0-0037174862&origin=resultslist>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000178791400055>. <https://www.sciencedirect.com/science/article/pii/S0021925819721619?via%3Dihub>. [angličtina]

**V3\_009** Schiller, Herbert B., Szekeres, Andreas, Binder, Bernd R., Stockinger, Hannes, Leksa, Vladimír. Mannose 6-phosphate/insulin-like growth factor 2 receptor limits cell invasion by controlling alphaV beta3 integrin expression and proteolytic processing of urokinase-type plasminogen activator receptor [elektronický dokument]. DOI 10.1091/mbc.E08-06-0569. SIGN-UKO PR 1572/09 In: Molecular Biology of

the Cell. Rockville: American Society for Cell Biology, 2009, Roč. 20, č. 3, s. 745-756 [tlačená forma] [online]. ISSN 1059-1524. ISSN (online) 1939-4586.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000263031900001>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-64049103845&origin=resultslist>.  
<https://www.molbiolcell.org/doi/10.1091/mbc.e08-06-0569>. [angličtina]

**V3\_010** Leksa, Vladimír, Loewe, Robert, Binder, Brigitte, B. Schiller, Herbert, Eckerstorfer, Paul, Forster, Florian, Soler-Cardona, Ana, Ondrovičová, Gabriela, Kutejová, Eva, Steinhuber, Eva, Breuss, Johannes, Drach, Johannes, Petzelbauer, Peter, Binder, Bernd R., Stockinger, Hannes. Soluble M6P/IGF2R Released by TACE Controls Angiogenesis via Blocking Plasminogen Activation [elektronický dokument]. DOI 10.1161/CIRCRESAHA.110.234732. SIGN-UKO PR 1548/11 In: Circulation Research. Philadelphia: Wolters Kluwer. Wolters Kluwer Health, 2011, Roč. 108, č. 6, s. 676-685 [tlačená forma] [online]. ISSN 0009-7330. ISSN (online) 1524-4571. <https://pubmed.ncbi.nlm.nih.gov/21273553/>.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000288503700006>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-79953041116&origin=resultslist>. [angličtina]

**V3\_011** Leksa, Vladimír. And the stars look down: science beyond the finite [elektronický dokument]. DOI 10.1038/s44319-024-00202-w. SIGN-UKO PR 542/24 In: EMBO reports. New York: Willey, 2024, Roč. 25, s. 3177-3181 [tlačená forma] [online]. ISSN 1469-221X. ISSN (online) 1469-3178.  
<https://www.embopress.org/doi/full/10.1038/s44319-024-00202-w>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85197661466&origin=inward&txGid=6251a669982768a6bd36a8c5a4d26b19>. [angličtina]

**V3\_012** Leksa, Vladimír. Piccadilly full of people and other foul things: On heroism and perversion in the post-pandemic era [elektronický dokument]. DOI 10.1038/s44319-024-00143-4. SIGN-UKO PR 559/24 In: EMBO reports. New York: Willey, 2024, Roč. 25, č. 6, s. 2520-2524 [tlačená forma] [online]. ISSN 1469-221X. ISSN (online) 1469-3178.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:001208653200001>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85191705548&origin=resultslist>.  
<https://www.embopress.org/doi/full/10.1038/s44319-024-00143-4>. [angličtina]

**V3\_013** Leksa, Vladimír, Altaner, Č. Differential display of RNA from tumorigenic and nontumorigenic variants of hamster cells transformed with avian sarcoma virus [elektronický dokument]. SIGN-UKO PR 161/97 In: Neoplasma: the Journal for Experimental and Clinical Oncology. Bratislava: Slovenská akadémia vied. Biomedicínske centrum. Ustav experimentálnej onkológie, 1997, Roč. 44, č. 6, s. 337-341 [tlačená forma] [online]. ISSN 0028-2685. ISSN (online) 1338-4317.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000071869300001>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-0031421960&origin=resultslist>.  
[https://www.researchgate.net/publication/13679223\\_Differential\\_display\\_of\\_RNA\\_from\\_tumorigenic\\_and\\_nontumorigenic\\_variants\\_of\\_hamster\\_cells\\_transformed\\_with\\_avian\\_sarcoma\\_virus](https://www.researchgate.net/publication/13679223_Differential_display_of_RNA_from_tumorigenic_and_nontumorigenic_variants_of_hamster_cells_transformed_with_avian_sarcoma_virus). [angličtina]

**V3\_014** Leksa, Vladimír, Godar, Samuel, B. Schiller, Herbert, Fuertbauer, Elke, Arshad, Muhammad, Slezakova, Katarina, Hořejší, Václav, Steinlein, Peter, H. Weidle, Ulrich, R. Binder, Bernd, Stockinger, Hannes. TGF-beta-induced apoptosis in endothelial cells mediated by M6P/IGFII-R and mini-plasminogen [elektronický dokument]. DOI 10.1242/jcs.02587. SIGN-UKO PR 1449/05 In: Journal of Cell Science. Cambridge: Company of Biologists, 2005, Roč. 118, č. 19, s. 4577-4586 [tlačená forma] [online]. ISSN 0021-9533. ISSN (online) 1477-9137. <https://pubmed.ncbi.nlm.nih.gov/16179614/>.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000233258900024>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-27644479266&origin=resultslist>. [angličtina]

**V3\_015** Supper, Verena, B. Schiller, Herbert, Paster, Wolfgang, Forster, Florian, Boulégué, Cyril, Mitulovic, Goran, Leksa, Vladimír, Ohradanova-Repic, Anna, Machacek, Christian, Schatzlmaier, Philipp, J. Zlabinger, Gerhard, Stockinger, Hannes. Association of CD147 and Calcium Exporter PMCA4 Uncouples IL-2 Expression from Early TCR Signaling [elektronický dokument]. DOI 10.4049/jimmunol.1501889. SIGN-UKO PR 1210/16 In: Journal of Immunology: official journal of the American Association of Immunologists. Rockville: American Association of Immunologists, 2016, Roč. 196, č. 3, s. 1387-1399 [tlačená forma] [online]. ISSN 0022-1767. ISSN (online) 1550-6606.  
<https://pubmed.ncbi.nlm.nih.gov/26729804/>.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000368596600045>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-84957642943&origin=resultslist&sort=plf-f&src=s&sid=c067f116f1dc75bc9153ac0b60c8edbf&sot=b&sdt=b&s=TITLE-ABS-KEY%28Association+of+CD147+and+Calcium+Exporter+PMCA4+Uncouples+IL-2+Expression+from+Early+TCR+Signaling%29&sl=106&sessionSearchId=c067f116f1dc75bc9153ac0b60c8edbf&relpos=0>. [angličtina]

## Ohlasy:

2024 [01] Shouman, Shaimaa, El-Kholy, Nada, Hussien, Alaa E., El-Derby, Azza M., Magdy, Shireen, Abou-Shanab, Ahmed M., Elmehrath, Ahmed O., Abdelwaly, Ahmad, Helal, Mohamed, El-Badri, Nagwa. SARS-CoV-2-associated lymphopenia: possible mechanisms and the role of CD147 [elektronický dokument]. DOI 10.1186/s12964-024-01718-3 In: Cell Communication and Signaling. Londýn: Springer Nature. BioMed Central, 2024, Roč. 22, č. 1, art. no. 349 [online]. ISSN (online) 1478-811X. [angličtina]

2024 [01] Alves-Rosa, María Fernanda, Tayler, Nicole M., Dorta, Dorian, Coronado, Lorena M., Spadafora, Carmenza. P. falciparum Invasion and Erythrocyte Aging [elektronický dokument]. DOI 10.3390/cells13040334 In: Cells. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 13, č. 4, art. no. 334 [online]. ISSN (online) 2073-4409. [angličtina]

2023 [01] Jamwal, Abhishek, Constantin, Cristina F., Hirschi, Stephan, Henrich, Sebastian, Bildl, Wolfgang, Fakler, Bernd, Draper, Simon J., Schulte, Uwe, Higgins, Matthew K. Erythrocyte invasion-neutralising antibodies prevent Plasmodium falciparum RH5 from binding to basigin-containing membrane protein complexes. DOI 10.7554/ELIFE.83681 In: eLife. Cambridge: ELIFE Science Publications, 2023, Roč. 12, art. no. e83681 [online]. ISSN 2050-084X. [angličtina]

2023 [01] Preiss, Nicholas K., Kamal, Yasmin, Wilkins, Owen M., Li, Chenyang, Kolling, Fred W., Trask, Heidi W., Usherwood, Young Kwang, Cheng, Chao, Frost, Hildreth R., Usherwood, Edward J. Characterizing control of memory CD8 T cell differentiation by BTB-ZF transcription factor Zbtb20 [elektronický dokument]. DOI 10.26508/lsa.202201683 In: Life Science Alliance. Woodbury: Life Science Alliance, 2023, Roč. 9, art. no. e202201683 [online]. ISSN (online) 2575-1077. [angličtina]

2022 [01] Groomes, Patrice V., Kanjee, Usheer, Duraisingh, Manoj T. RBC membrane biomechanics and Plasmodium falciparum invasion: probing beyond ligand–receptor interactions [elektronický dokument]. DOI 10.1016/j.pt.2021.12.005 In: Trends in Parasitology. Londýn: Elsevier, 2022, Roč. 38, č. 4, s. 302-315 [tlačena forma]. ISSN 1471-4922. ISSN (online) 1471-5007. [angličtina]

2022 [01] Hegedüs, Luca, Livingstone, Elisabeth, Bánkfalvi, Ágnes, Viehof, Jan, Enyedi, Ágnes, Bilecz, Ágnes, Györfy, Balázs, Baranyi, Marcell, Tóké, Anna Mária, Gil, Jeovanis, Marko-Varga, György, Griewank, Klaus G., Zimmer, Lisa, Váraljai, Renáta, Sucker, Antje, Zaremba, Anne, Schadendorf, Dirk, Aigner, Clemens, Hegedüs, Balázs. The Prognostic Relevance of PMCA4 Expression in Melanoma: Gender Specificity and Implications for Immune Checkpoint Inhibition [elektronický dokument]. DOI 10.3390/ijms23063324 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 23, č. 6, art. no. 3324 [online] [tlačena forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

2021 [01] Villegas-Mendez, Ana, Stafford, Nicholas, Haley, Michael J., Pravitasari, Normalita Eka, Baudoin, Florence, Ali, Adnan, Asih, Puji Budi Setia, Siregar, Josephine E., Baena, Esther, Syafruddin, Din, Couper, Kevin N., Oceandy, Delvac. The plasma membrane calcium ATPase 4 does not influence parasite levels but partially promotes experimental cerebral malaria during murine blood stage malaria [elektronický dokument]. DOI 10.1186/s12936-021-03832-w In: Malaria Journal. London: Springer Nature. BioMed Central, 2021, Roč. 20, č. 1, art. no. 297 [online]. ISSN (online) 1475-2875. [angličtina]

2021 [01] Chen, Yatong, Xu, Jing, Wu, Xiaodong, Yao, Hui, Yan, Zhou, Guo, Ting, Wang, Wenjing, Wang, Peixiao, Li, Yu, Yang, Xiangmin, Li, Hao, Bian, Huijie, Chen, Zhi Nan. CD147 regulates antitumor CD8+ T-cell responses to facilitate tumor-immune escape [elektronický dokument]. DOI 10.1038/s41423-020-00570-y In: Cellular and Molecular Immunology. [s.l.]: Springer Nature. Nature Publishing Group, 2021, Roč. 18, č. 8, s. 1995-2009 [online] [tlačena forma]. ISSN 1672-7681. ISSN (online) 2042-0226. [angličtina]

2021 [01] Merino-Wong, Maylin, Niemeyer, Barbara A., Alansary, Dalia. Plasma Membrane Calcium ATPase Regulates Stoichiometry of CD4+ T-Cell Compartments [elektronický dokument]. DOI 10.3389/fimmu.2021.687242 In: Frontiers in immunology. Lausanne: Frontiers Media, 2021, Roč. 12, art. no. 687242 [online]. ISSN (online) 1664-3224. [angličtina]

2021 [01] Ragotte, Robert J., Pulido, David, Donnellan, Francesca R., Hill, Michelle L., Gorini, Giacomo, Davies, Hannah, Brun, Juliane, McHugh, Kirsty, King, Lloyd D.W., Skinner, Katherine, Miura, Kazutoyo, Long, Carole A., Zitzmann, Nicole, Draper, Simon J. Human Basigin (CD147) Does Not Directly Interact with SARSCoV-2 Spike Glycoprotein [elektronický dokument]. DOI 10.1128/mSphere.00647-21 In:

mSphere. Washigton: American Society for Microbiology, 2021, Roč. 6, č. 4, s. 1-11 [online]. ISSN (online) 2379-5042. [angličtina]

2020 [01] Afonso, Julieta, Santos, Lúcio L., Longatto-Filho, Adhemar, Baltazar, Fátima. Competitive glucose metabolism as a target to boost bladder cancer immunotherapy [elektronický dokument]. DOI 10.1038/s41585-019-0263-6 In: Nature reviews. Urology.. London: Springer Nature. Nature Publishing Group, 2020, Roč. 17, č. 2, s. 77-106 [tlačená forma] [online]. ISSN 1759-4812. ISSN (online) 1759-4820. [angličtina]

2020 [01] Hegedűs, Luca, Zámbo, Boglárka, Pászty, Katalin, Padányi, Rita, Varga, Karolina, Penniston, John T., Enyedi, Ágnes. Molecular Diversity of Plasma Membrane Ca<sup>2+</sup> Transporting ATPases: Their Function Under Normal and Pathological Conditions [elektronický dokument]. DOI 10.1007/978-3-030-12457-1\_5 In: Calcium Signaling. Cham: Springer Nature, 2020, s. 93-129 [tlačená forma] [online]. ISBN 978-3-030-12456-4. ISBN (online) 978-3-030-12457-1. [angličtina]

2019 [01] Nicolao, María Celeste, Rodriguez Rodrigues, Christian, Cumino, Andrea C. Extracellular vesicles from Echinococcus granulosus larval stage: Isolation, characterization and uptake by dendritic cells [elektronický dokument]. DOI 10.1371/journal.pntd.0007032 In: PLOS Neglected Tropical Diseases. San Francisco: Public Library of Science, 2019, Roč. 13, č. 1, art. no. 0007032 [tlačená forma] [online]. ISSN 1935-2727. ISSN (online) 1935-2735. [angličtina]

2019 [01] Yu, Binbin, Zhang, Yan, Wu, Kailiu, Wang, Lizhen, Jiang, Yingying, Chen, Wantao, Yan, Ming. CD147 promotes progression of head and neck squamous cell carcinoma via NF-kappa B signaling [elektronický dokument]. DOI 10.1111/jcmm.13996 In: Journal of Cellular and Molecular Medicine. Oxford: John Wiley & Sons. Wiley-Blackwell, 2019, Roč. 23, č. 2, s. 954-966 [tlačená forma] [online]. ISSN 1582-1838. ISSN (online) 1582-4934. [angličtina]

2017 [01] Korthals, Mark, Langnaese, Kristina, Smalla, Karl Heinz, Kähne, Thilo, Herrera-Molina, Rodrigo, Handschuh, Juliane, Lehmann, Anne Christin, Mamula, Dejan, Naumann, Michael, Seidenbecher, Constanze, Zuschratter, Werner, Tedford, Kerry, Gundelfinger, Eckart D., Montag, Dirk, Fischer, Klaus Dieter, Thomas, Ulrich. A complex of Neuroplastin and Plasma Membrane Ca<sup>2+</sup> ATPase controls T cell activation [elektronický dokument]. DOI 10.1038/s41598-017-08519-4 In: Scientific reports. Londýn: Springer Nature. Nature Publishing Group, 2017, Roč. 7, č. 1, art. no. 8358 [online]. ISSN (online) 2045-2322. [angličtina]

2017 [01] Stafford, Nicholas, Wilson, Claire, Oceandy, Delvac, Neyses, Ludwig, Cartwright, Elizabeth J. The plasma membrane calcium ATPases and their role as major new players in human disease [elektronický dokument]. DOI 10.1152/physrev.00028.2016 In: Physiological reviews. Bethesda: American psychological society, 2017, Roč. 97, č. 3, s. 1089-1125 [tlačená forma] [online]. ISSN 0031-9333. ISSN (online) 1522-1210. [angličtina]

**V3\_016** Arshad, Muhammad, Herbert, B. Schiller, Forster, Florian, Eckerstorfer, Paul, Geyeregger, Rene, Leksa, Vladimír, J. Zlabinger, Gerhard, Sibilia, Maria, Sonnleitner, Alois, Paster, Wolfgang, Stockinger, Hannes. Sequential Cooperation of CD2 and CD48 in the Buildup of the Early TCR Signalosome1 [elektronický dokument]. DOI 10.4049/jimmunol.0800691. SIGN-UKO PR 1571/09 In: Journal of Immunology: official journal of the American Association of Immunologists. Rockville: American Association of Immunologists, 2009, Roč. 182, č. 12, s. 7672-7680 [tlačená forma] [online]. ISSN 0022-1767. ISSN (online) 1550-6606.  
<https://journals.aai.org/jimmunol/article/182/12/7672/79010/Sequential-Cooperation-of-CD2-and-CD48-in-the>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000266833900038>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-67649226596&origin=resultlist>. [angličtina]

**V3\_017** Ohradanova-Repic, Anna, Praženicová, Romana, Gebetsberger, Laura, Moskalets, Tetiana, Škrabana, Rostislav, Cehlár, Ondrej, Tajti, Gabor, Stockinger, Hannes, Leksa, Vladimír. Time to Kill and Time to Heal: The Multifaceted Role of Lactoferrin and Lactoferricin in Host Defense [elektronický dokument]. DOI 10.3390/pharmaceutics15041056. SIGN-UKO PR 1035/23 In: Pharmaceutics. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 15, č. 4, art. no. 1056, s. [1-30] [online]. ISSN (online) 1999-4923.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10146187/pdf/pharmaceutics-15-01056.pdf>.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000977527700001>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85154582806&origin=cto>. [angličtina]

**Ohlasy:**

2024 [01] Zeng, Jialiu, Loi, Gavin Wen Zhao, Saipuljumri, Eka Norfaishanty, Durán, Marco Antonio Romero, Silva-García, Octavio, Perez-Aguilar, Jose Manuel, Baizabal-Aguirre, Víctor M., Lo, Chih Hung. Peptide-based allosteric inhibitor targets TNFR1 conformationally active region and disables receptor–ligand signaling complex [elektronický dokument]. DOI 10.1073/pnas.2308132121 In: Proceedings of the National Academy of Sciences of the United States of America. Washington: National Academy of Sciences of the United States of America, 2024, Roč. 121, č. 14, art. no. e2308132121 [tlačená forma] [online]. ISSN 0027-8424. ISSN (online) 1091-6490. [angličtina]

2024 [01] Gavrylyak, I. V., Zhaboiedov, D. G., Greben, N. K., Tykhomirov, A. O. Tear lactoferrin and ceruloplasmin levels in patients with traumatic and recurrent corneal erosions [elektronický dokument]. DOI 10.31288/oftalmolzh20241814 In: Oftal'mologičeskij žurnal. Odesa: Filatov Institute, 2024, č. 1, s. 8-14. ISSN 0030-0675. ISSN (online) 2413-8746. ISSN (online) 2412-8740. [angličtina]

2024 [01] Lica, Jan Jakub, Gucwa, Katarzyna, Heldt, Mateusz, Stupak, Anna, Maciejewska, Natalia, Ptaszyńska, Natalia, Łęgowska, Anna, Pradhan, Bhaskar, Gitlin-Domagalska, Agata, Dębowski, Dawid, Jakóbkiewicz-Banecka, Joanna, Rolka, Krzysztof. Lactoferricin B Combined with Antibiotics Exhibits Leukemic Selectivity and Antimicrobial Activity [elektronický dokument]. DOI 10.3390/molecules29030678 In: Molecules: a Journal of Synthetic Chemistry and Natural Product Chemistry. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 29, č. 3, art. no. 678 [online]. ISSN (online) 1420-3049. [angličtina]

2024 [01] Tran, Léa Chantal, Marousez, Lucie, Micours, Edwina, De Lamballerie, Marie, Thys, Lou, Gottrand, Frédéric, Ley, Delphine, Lesage, Jean, Titécat, Marie. High hydrostatic pressure is similar to Holder pasteurization in preserving donor milk antimicrobial activity. DOI 10.1038/s41390-024-03022-9 In: Pediatric Research: an international journal of human developmental biology. New York: Springer Nature. Nature Publishing Group, 2024, Roč. 95, č. 7, s. 1749-1753 [tlačená forma] [online]. ISSN 0031-3998. ISSN (chýbné) 0553-4593. [angličtina]

2024 [01] Wang, Jing, Liu, Rui, Huang, Xiaoyang, Bao, Yuexin, Wang, Xiaohong, Yi, Huaxi, Lu, Youyou. The Effect of Nanoscale Modification of Nisin by Different Milk-Derived Proteins on Its Physicochemical Properties and Antibacterial Activity [elektronický dokument]. DOI 10.3390/foods13111606 In: Foods. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 13, č. 11, art. no. 1606 [online]. ISSN (online) 2304-8158. [angličtina]

2024 [01] Qian, Zhong Ming, Li, Wei, Guo, Qian. Lactoferrin/lactoferrin receptor: Neurodegenerative or neuroprotective in Parkinson's disease? [elektronický dokument]. DOI 10.1016/j.arr.2024.102474 In: Ageing research reviews. Amsterdam: Elsevier, 2024, č. 101, art. no. 102474 [tlačená forma] [online]. ISSN 1568-1637. ISSN (online) 1872-9649. [angličtina]

2024 [01] Huitsing, Kaylin, Tritsch, Tara, Arias, Francisco Javier Carrera, Collado, Fanny, Aenlle, Kristina K., Nathason, Lubov, Fletcher, Mary Ann, Klimas, Nancy G., Craddock, Travis J.A. The potential role of ocular and otolaryngological mucus proteins in myalgic encephalomyelitis/chronic fatigue syndrome [elektronický dokument]. DOI 10.1186/s10020-023-00766-8 In: Molecular Medicine. New York: Springer Nature. Springer Gabler, 2024, Roč. 30, č. 1, art. no. 1 [tlačená forma] [online]. ISSN 1076-1551. ISSN (online) 1528-3658. [angličtina]

2023 [01] Guo, Haoran, Wang, Qi, Li, Tao, Chen, Jingwen, Zhang, Chao, Xu, Ying, Chang, Qing, Li, Hangyi, Sun, Weiqiang, Han, Ruidi, Wang, Chi, Wang, Chengbin. Potential plasma biomarkers at low altitude for prediction of acute mountain sickness [elektronický dokument]. DOI 10.3389/fimmu.2023.1237465 In: Frontiers in immunology. Lausanne: Frontiers Media, 2023, Roč. 14, art. no. 1237465 [online]. ISSN (online) 1664-3224. [angličtina]

2023 [01] Khan, Subhanullah, Lang, Minglin. A Comprehensive Review on the Roles of Metals Mediating Insect–Microbial Pathogen Interactions [elektronický dokument]. DOI 10.3390/metabo13070839 In: Metabolites. Basel: Multidisciplinary Digital Publishing Institute, 2023, Roč. 13, č. 7, art. no. 839 [online]. ISSN (online) 2218-1989. [angličtina]

2023 [01] Li, Jianzhou, Chen, Xiaohua, Xie, Ziyang, Liang, Lin, Li, Anping, Zhao, Chao, Wen, Yuxi, Lou, Zaixiang. Screening and Metabolomic Analysis of Lactic Acid Bacteria-Antagonizing Pseudomonas aeruginosa [elektronický dokument]. DOI 10.3390/foods12142799 In: Foods. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 12, č. 14, art. no. 2799 [online]. ISSN (online) 2304-8158. [angličtina]

2023 [01] Fakhimahmadi, Aila, Hasanaj, Ilir, Hofstetter, Gerlinde, Pogner, Clara, Gorfer, Markus, Wiederstein, Markus, Szepannek, Nathalie, Bianchini, Rodolfo, Dvorak, Zdenek, Jensen, Sebastian A., Berger, Markus, Jensen-Jarolim, Erika, Hufnagl, Karin, Roth-Walter, Franziska. Nutritional Provision of Iron Complexes by the Major Allergen Alt a 1 to Human Immune Cells Decreases Its Presentation [elektronický dokument]. DOI 10.3390/ijms241511934 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 24, č. 15, art. no. 11934 [online] [tlačená forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

**V3\_018** Leitner, Judith, Mahasongkram, Kodchakorn, Schatzlmaier, Philipp, Pfisterer, Karin, Leksa, Vladimír, Pata, Supansa, Kasinrek, Watchara, Stockinger, Hannes, Steinberger, Peter. Differentiation and activation of human CD4 T cells is associated with a gradual loss of myelin and lymphocyte protein [elektronický dokument]. DOI 10.1002/eji.202048603. SIGN-UKO PR 1082/21 In: European journal of immunology. Weinheim: John Wiley & Sons. Wiley-VCH, 2021, Roč. 51, č. 4, s. 848-863 [tlačená forma] [online]. ISSN 0014-2980. ISSN (online) 1521-4141.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8248321/pdf/EJI-51-848.pdf>.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000611082300001>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85099772229&origin=cto>. [angličtina]

#### Ohlasy:

2024 [01] Li, Mengyao, Du, Yan, Zhang, Xianzhou, Zhou, Wence. Research advances of MAL family members in tumorigenesis and tumor progression [elektronický dokument]. DOI 10.3892/mmr.2024.13181 In: Molecular Medicine Reports. Atény: Spandidos Publications, 2024, Roč. 29, art. no. 57, s. 1-14 [tlačená forma] [online]. ISSN 1791-2997. ISSN (online) 1791-3004

2024 [01] Liang, Chunguang, Spoerl, Silvia, Xiao, Yin, Habenicht, Katharina M., Haeusl, Sigrun S., Sandner, Isabel, Winkler, Julia, Strieder, Nicholas, Eder, Rüdiger, Stanewsky, Hanna, Alexiou, Christoph, Dudziak, Diana, Rosenwald, Andreas, Edinger, Matthias, Rehli, Michael, Hoffmann, Petra, Winkler, Thomas H., Berberich-Siebelt, Friederike. Oligoclonal CD4+CXCR5+ T cells with a cytotoxic phenotype appear in tonsils and blood [elektronický dokument]. DOI 10.1038/s42003-024-06563-1 In: Communications biology. London: Springer Nature. Nature Publishing Group, 2024, Roč. 7, č. 1, art. no. 879 [online]. ISSN (online) 2399-3642. [angličtina]

2023 [01] Labat-de-Hoz, Leticia, Rubio-Ramos, Armando, Correas, Isabel, Alonso, Miguel A. The MAL Family of Proteins: Normal Function, Expression in Cancer, and Potential Use as Cancer Biomarkers [elektronický dokument]. DOI 10.3390/cancers15102801 In: Cancers. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 15, č. 10, art. no. 2801 [online]. ISSN (online) 2072-6694

2022 [01] Pokryszka, Jagoda, Wagner, Angelika, Wiedermann, Ursula, Tobudic, Selma, Herkner, Harald, Winkler, Stefan, Brehovsky, Sonja, Reinisch, Walter, Novacek, Gottfried. Course of Fecal Calprotectin after mRNA SARS-CoV-2 Vaccination in Patients with Inflammatory Bowel Diseases [elektronický dokument]. DOI 10.3390/vaccines10050759 In: Vaccines. Basel: Multidisciplinary Digital Publishing Institute, 2022, Roč. 10, č. 5, art. no. 759 [online]. ISSN (online) 2076-393X. [angličtina]

2021 [01] Rubio-Ramos, Armando, Labat-de-Hoz, Leticia, Correas, Isabel, Alonso, Miguel A. The MAL Protein, an Integral Component of Specialized Membranes, in Normal Cells and Cancer [elektronický dokument]. DOI 10.3390/cells10051065 In: Cells. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 10, č. 5, art. no. 1065 [online]. ISSN (online) 2073-4409

**V3\_019** Ohradanova-Repic, Anna, Machacek, Christian, Charvet, Celine, Lager, Franck, Le Roux, Delphine, Platzer, René, Leksa, Vladimír, Mitulovic, Goran, R. Burkard, Thomas, J. Zlabinger, Gerhard, B. Fischer, Michael, Feuillet, Vincent, Renault, Gilles, Blüml, Stephan, Benko, Miroslav, Suchanek, Miloslav, B. Huppa, Johannes, Matsuyama, Takami, Cavaco-Paulo, Artur, Bismuth, Georges, Stockinger, Hannes. Extracellular purine metabolism is the Switchboard of immunosuppressive macrophages and a novel target to treat diseases with macrophage imbalances [elektronický dokument]. DOI 10.3389/fimmu.2018.00852. SIGN-UKO PR 813/18 In: Frontiers in immunology. Lausanne: Frontiers Media, 2018, Roč. 9, č. April, art.no. 852, s. [1-20] [online]. ISSN (online) 1664-3224.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5946032/pdf/fimmu-09-00852.pdf>.  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000431027100001>.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85046078790&origin=cto>. [angličtina]

#### Ohlasy:

2024 [01] Ma, Tingting, Cheng, Ming, Wen, Xin, Zhu, Kexue, Zhang, Xin, Zhao, Chao, El-Seedi, Hesham R., Lin, Xiangdong, Li, Yongcheng, Zhu, Lulu, Cao, Jun, Li, Chuan. Serum metabonomic study to explore

the amelioration mechanisms of co-fermented collagen peptide-jackfruit juice on the immunosuppressed mice [elektronický dokument]. DOI 10.1002/efd2.135 In: eFood. Londýn: John Wiley & Sons, 2024, Roč. 5, č. 1, art. no. e135 [online]. ISSN (online) 2666-3066. [angličtina]

2024 [01] Hu, Xiaohui, Yuan, Xinyi, Zhang, Guokun, Song, Haoyun, Ji, Pengfei, Guo, Yanan, Liu, Zihua, Tian, Yixiao, Shen, Rong, Wang, Degui. The intestinal epithelial-macrophage-crypt stem cell axis plays a crucial role in regulating and maintaining intestinal homeostasis [elektronický dokument]. DOI 10.1016/j.lfs.2024.122452 In: Life sciences. Oxford: Elsevier. Pergamon Press, 2024, Roč. 344, art. no. 122452 [tlačená forma] [online]. ISSN 0024-3205. ISSN (online) 1879-0631. [angličtina]

2024 [01] Zhang, Xijun, Gao, Yujin, Mai, Zhanhai, Li, Yina, Wang, Jiamian, Zhao, Xingxu, Zhang, Yong. Untargeted Metabolomic Analysis Reveals Plasma Differences between Mares with Endometritis and Healthy Ones [elektronický dokument]. DOI 10.3390/ani14131933 In: Animals: an Open Access Journal from MDPI. Bazilej: Molecular Diversity Preservation International, 2024, Roč. 14, č. 13, art. no. 1933 [online]. ISSN (online) 2076-2615. [angličtina]

2024 [01] Bag, Swarnendu, Oetjen, Janina, Shaikh, Soni, Chaudhary, Amrita, Arun, Pattatheyl, Mukherjee, Geetashree. Impact of spatial metabolomics on immune-microenvironment in oral cancer prognosis: a clinical report [elektronický dokument]. DOI 10.1007/s11010-023-04713-3 In: Molecular and Cellular Biochemistry: an international journal for chemical biology in health and disease. Dordrecht: Springer Nature. Springer, 2024, Roč. 479, č. 1, s. 41-49 [tlačená forma] [online]. ISSN 0300-8177. ISSN (online) 1573-4919. [angličtina]

2024 [01] Nayak, Akankshya, Panda, Swati Sagarika, Dwivedi, Isha, Meena, Shivani, Aich, Palok. Role of gut microbial-derived metabolites and other select agents on adipocyte browning [elektronický dokument]. DOI 10.1016/j.bbrc.2024.150518 In: Biochemical and biophysical research communications. San Diego: Elsevier, 2024, Roč. 737, art. no. 150518 [tlačená forma] [online]. ISSN 0006-291X. ISSN (online) 1090-2104. [angličtina]

2024 [01] Jia, Dan, Li, Yingying, Wang, Yingjie, Guo, Yanan, Liu, Junlong, Zhao, Shuaiyang, Wang, Jinming, Guan, Guiquan, Luo, Jianxun, Yin, Hong, Tang, Lijie, Li, Youquan. Probiotic *Bacillus licheniformis* ZW3 Alleviates DSS-Induced Colitis and Enhances Gut Homeostasis [elektronický dokument]. DOI 10.3390/ijms25010561 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 25, č. 1, art. no. 561 [online] [tlačená forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

2023 [01] Zou, Hexin, Zhang, Bin, Liang, Haiying, Li, Chaojie, Chen, Jie, Wu, Yifan. Defence mechanisms of *Pinctada fucata martensii* to *Vibrio parahaemolyticus* infection: Insights from proteomics and metabolomics [elektronický dokument]. DOI 10.1016/j.fsi.2023.109204 In: Fish & shellfish immunology. Londýn: Elsevier. Academic Press, 2023, Roč. 143, art. no. 109204 [tlačená forma] [online]. ISSN 1050-4648. ISSN (online) 1095-9947. [angličtina]

2023 [01] Sun, Zhengfang, Kang, Jianning, Yang, Shuye, Zhang, Ying, Huang, Nana, Zhang, Xiaodi, Du, Gangqiang, Jiang, Jianhao, Ning, Bin. CD73 inhibits titanium particle-associated aseptic loosening by alternating activation of macrophages [elektronický dokument]. DOI 10.1016/j.intimp.2023.110561 In: International Immunopharmacology. Amsterdam: Elsevier, 2023, Roč. 122, art. no. 110561 [tlačená forma] [online]. ISSN 1567-5769. ISSN (online) 1878-1705. [angličtina]

2023 [01] Gertel, S., Polachek, A., Furer, V., Paran, D., Tzemach, R., Levartovsky, D., Litinsky, I., Anouk, M., Meridor, K., Nochomovitz, H., Wollman, J., Berman, M., Borok, S., Elkayam, O. Synovial monocytes from psoriatic and rheumatoid arthritis patients are modulated differently by TNF inhibitors and glucocorticoids: an ex-vivo study [elektronický dokument]. DOI 10.55563/clinexprheumatol/d3mfat In: Clinical and Experimental Rheumatology. Pisa: Clinical and Experimental Rheumatology, 2023, Roč. 41, č. 9, s. 1847-1855 [tlačená forma] [online]. ISSN 0392-856X. ISSN (online) 1593-098X. [angličtina]

2023 [01] Qin, Xue Yun, Ha, Si Yao, Chen, Lu, Zhang, Tao, Li, Ming Qing. Recent Advances in Folates and Autoantibodies against Folate Receptors in Early Pregnancy and Miscarriage [elektronický dokument]. DOI 10.3390/nu15234882 In: Nutrients. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 15, č. 23, art. no. 4882 [online]. ISSN (online) 2072-6643. [angličtina]

2023 [01] Volpedo, Greta, Oljuskin, Timur, Cox, Blake, Mercado, Yulian, Askwith, Candice, Azodi, Nazli, Bernier, Matthew, Nakhasi, Hira L., Gannavaram, Sreenivas, Satoskar, Abhay R. *Leishmania mexicana* promotes pain-reducing metabolomic reprogramming in cutaneous lesions [elektronický dokument]. DOI

10.1016/j.isci.2023.108502 In: iScience. [Cambridge]: Elsevier. Cell Press, 2023, Roč. 26, č. 12, art. no. 108502 [online]. ISSN (online) 2589-0042. [angličtina]

2023 [01] Onyango, Arnold N. Endogenous ozone as a regular reactive oxygen species in (patho) physiology [elektronický dokument]. DOI 10.1016/j.arres.2023.100075 In: Advances in Redox Research. Amsterdam: Elsevier, 2023, Roč. 9, [online]. ISSN (online) 2667-1379

2023 [01] Trovato, Francesca M., Zia, Rabiya, Artru, Florent, Mujib, Salma, Jerome, Ellen, Cavazza, Anna, Coen, Muireann, Wilson, Ian, Holmes, Elaine, Morgan, Phillip, Singanayagam, Arjuna, Bernsmeier, Christine, Napoli, Salvatore, Bernal, William, Wendon, Julia, Miquel, Rosa, Menon, Krishna, Patel, Vishal C., Smith, John, Atkinson, Stephen R., Triantafyllou, Evangelos, McPhail, Mark J.W. Lysophosphatidylcholines modulate immunoregulatory checkpoints in peripheral monocytes and are associated with mortality in people with acute liver failure [elektronický dokument]. DOI 10.1016/j.jhep.2022.10.031 In: Journal of Hepatology. Amsterdam: Elsevier, 2023, Roč. 78, č. 3, s. 558-573 [tlačená forma] [online]. ISSN 0168-8278. ISSN (online) 1600-0641. [angličtina]

2023 [01] Zhou, Yingyue, Tada, Mari, Cai, Zhangying, Andhey, Prabhakar S., Swain, Amanda, Miller, Kelly R., Gilfillan, Susan, Artyomov, Maxim N., Takao, Masaki, Kakita, Akiyoshi, Colonna, Marco. Human early-onset dementia caused by DAP12 deficiency reveals a unique signature of dysregulated microglia [elektronický dokument]. DOI 10.1038/s41590-022-01403-y In: Nature Immunology. New York: Springer Nature. Nature Publishing Group, 2023, Roč. 24, č. 3, s. 545-557 [tlačená forma] [online]. ISSN 1529-2908. ISSN (online) 1529-2916. [angličtina]

2022 [01] Steinz, Maarten M., Ezdoglian, Aiarpi, Khodadust, Fatemeh, Molthoff, Carla F.M., Srinivasarao, Madduri, Low, Philip S., Zwezerijnen, Gerben J.C., Yaqub, Maqsood, Beaino, Wissam, Windhorst, Albert D., Tas, Sander W., Jansen, Gerrit, van der Laken, Conny J. Folate Receptor Beta for Macrophage Imaging in Rheumatoid Arthritis [elektronický dokument]. DOI 10.3389/fimmu.2022.819163 In: Frontiers in immunology. Lausanne: Frontiers Media, 2022, Roč. 13, art. no. 819163 [online]. ISSN (online) 1664-3224. [angličtina]

2022 [01] Liao, Xudong, Chang, Eugene, Tang, Xinmiao, Watanabe, Ippei, Zhang, Rongli, Jeong, Hyun Woo, Adams, Ralf H., Jain, Mukesh K. Cardiac macrophages regulate isoproterenol-induced Takotsubo-like cardiomyopathy [elektronický dokument]. DOI 10.1172/jci.insight.156236 In: JCI Insight. [s.l.]: American Society for Clinical Investigation, 2022, Roč. 7, č. 3, art. no. e156236 [online]. ISSN (online) 2379-3708. [angličtina]

2022 [01] Fearon, Ursula, Hanlon, Megan M., Floudas, Achilleas, Veale, Douglas J. Cellular metabolic adaptations in rheumatoid arthritis and their therapeutic implications [elektronický dokument]. DOI 10.1038/s41584-022-00771-x In: Nature reviews. Rheumatology. New York: Springer Nature. Nature Publishing Group, 2022, Roč. 18, č. 7, s. 398-414 [tlačená forma] [online]. ISSN 1759-4790. ISSN (online) 1759-4804. [angličtina]

2022 [01] Popov, Alexander, Klimovich, Anna, Styshova, Olga, Tsybulsky, Alexander, Hushpulian, Dmitry, Osipyants, Andrey, Khristichenko, Anna, Kazakov, Sergey, Ahuja, Manuj, Kaidery, Navneet, Thomas, Bobby, Tishkov, Vladimir, Brown, Abraham, Gazaryan, Irina, Poloznikov, Andrey. Probable Mechanisms of Doxorubicin Antitumor Activity Enhancement by Ginsenoside Rh2 [elektronický dokument]. DOI 10.3390/molecules27030628 In: Molecules: a Journal of Synthetic Chemistry and Natural Product Chemistry. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 27, č. 3, art. no. 628 [online]. ISSN (online) 1420-3049. [angličtina]

2022 [01] Yang, Yalong, Hou, Jinxuan, Liu, Jiuyang, Bhushan, Sudhanshu, Wu, Gaosong. The origins of resident macrophages in mammary gland influence the tumorigenesis of breast cancer [elektronický dokument]. DOI 10.1016/j.intimp.2022.109047 In: International Immunopharmacology. Amsterdam: Elsevier, 2022, Roč. 110, art. no. 109047 [tlačená forma] [online]. ISSN 1567-5769. ISSN (online) 1878-1705. [angličtina]

2021 [01] Horenstein, Alberto L., Faini, Angelo C., Malavasi, Fabio. CD38 in the age of covid-19: A medical perspective [elektronický dokument]. DOI 10.1152/PHYSREV.00046.2020 In: Physiological reviews. Bethesda: American psychological society, 2021, Roč. 101, č. 4, s. 1457-1486 [tlačená forma] [online]. ISSN 0031-9333. ISSN (online) 1522-1210. [angličtina]

2021 [01] Giuliani, Anna Lisa, Sarti, Alba Clara, Di Virgilio, Francesco. Ectonucleotidases in Acute and Chronic Inflammation [elektronický dokument]. DOI 10.3389/fphar.2020.619458 In: Frontiers in

Pharmacology. Lausanne: Frontiers Media, 2021, Roč. 11, art. no. 619458 [online]. ISSN (online) 1663-9812. [angličtina]

2021 [01] Tu, Jiajie, Huang, Wei, Zhang, Weiwei, Mei, Jiawei, Zhu, Chen. A Tale of Two Immune Cells in Rheumatoid Arthritis: The Crosstalk Between Macrophages and T Cells in the Synovium [elektronický dokument]. DOI 10.3389/fimmu.2021.655477 In: Frontiers in immunology. Lausanne: Frontiers Media, 2021, Roč. 12, art. no. 655477 [online]. ISSN (online) 1664-3224. [angličtina]

2021 [01] Boutet, Marie Astrid, Courties, Gabriel, Nerviani, Alessandra, Le Goff, Benoit, Apparailly, Florence, Pitzalis, Costantino, Blanchard, Frédéric. Novel insights into macrophage diversity in rheumatoid arthritis synovium [elektronický dokument]. DOI 10.1016/j.autrev.2021.102758 In: Autoimmunity Reviews. New York: Elsevier, 2021, Roč. 20, č. 3, art. no. 102758 [tlačená forma]. ISSN 1568-9972. ISSN (online) 1873-0183. [angličtina]

2021 [01] Wu, Qi, Yu, Xin, Li, Juanjuan, Sun, Shengrong, Tu, Yi. Metabolic regulation in the immune response to cancer [elektronický dokument]. DOI 10.1002/cac2.12182 In: Cancer Communications. Hoboken, New Jersey: John Wiley & Sons, 2021, Roč. 41, č. 8, s. 661-694 [tlačená forma]. ISSN (online) 2523-3548. [angličtina]

2021 [01] Sohn, Rebecca, Junker, Marius, Meurer, Andrea, Zaucke, Frank, Straub, Rainer H., Jenei-lanzl, Zsuzsa. Anti-inflammatory effects of endogenously released adenosine in synovial cells of osteoarthritis and rheumatoid arthritis patients [elektronický dokument]. DOI 10.3390/ijms22168956 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 22, č. 16, art. no. 8956 [online] [tlačená forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

2021 [01] Ehlers, Lisa, Kuppe, Aditi, Damerau, Alexandra, Wilantri, Siska, Kirchner, Marieluise, Mertins, Philipp, Strehl, Cindy, Buttgereit, Frank, Gaber, Timo. Surface AMP deaminase 2 as a novel regulator modifying extracellular adenine nucleotide metabolism [elektronický dokument]. DOI 10.1096/fj.202002658RR In: The FASEB Journal. Bethesda: Federation of American Societies for Experimental Biology, 2021, Roč. 35, č. 7, art. no. e21684 [tlačená forma] [online]. ISSN 0892-6638. ISSN (online) 1530-6860. [angličtina]

2021 [01] Wang, Hao, Zheng, Xueyue, Liu, Bingnan, Xia, Yaoyao, Xin, Zhongquan, Deng, Baichuan, He, Liuqin, Deng, Jinping, Ren, Wenkai. Aspartate Metabolism Facilitates IL-1 $\beta$  Production in Inflammatory Macrophages [elektronický dokument]. DOI 10.3389/fimmu.2021.753092 In: Frontiers in immunology. Lausanne: Frontiers Media, 2021, Roč. 12, art. no. 753092 [online]. ISSN (online) 1664-3224. [angličtina]

2021 [01] Yang, Fuming, Gong, Yinan, Yu, Nannan, Yao, Lin, Zhao, Xue, Hong, Shouhai, Wang, Shenjun, Chen, Bo, Xu, Yuan, Pang, Guangchang, Wang, Hui, Guo, Yongming, Li, Yanan, Guo, Yi, Xu, Zhifang. ST36 Acupuncture Alleviates the Inflammation of Adjuvant-Induced Arthritic Rats by Targeting Monocyte/Macrophage Modulation [elektronický dokument]. DOI 10.1155/2021/9430501 In: Evidence-Based Complementary and Alternative Medicine. Londýn: Hindawi Publishing Corporation, 2021, Roč. 2021, art. no. 9430501 [tlačená forma] [online]. ISSN 1741-427X. ISSN (online) 1741-4288. [angličtina]

2020 [01] Luo, Qiong, Luo, Jing, Wang, Yanlin. Yap deficiency attenuates pulmonary injury following mechanical ventilation through the regulation of m1/m2 macrophage polarization [elektronický dokument]. DOI 10.2147/JIR.S288244 In: Journal of Inflammation Research. Auckland: Dove Medical Press, 2020, Roč. 13, s. 1279-1290 [online] [tlačená forma]. ISSN (online) 1178-7031. [angličtina]

2020 [01] Meng, Yiming, Sun, Jing, Qv, Na, Zhang, Guirong, Yu, Tao, Piao, Haozhe. Application of molecular imaging technology in tumor immunotherapy [elektronický dokument]. DOI 10.1016/j.cellimm.2020.104039 In: Cellular Immunology. Amsterdam: Elsevier, 2020, Roč. 348, art. no. 104039. ISSN 00088749. ISSN (online) 10902163. [angličtina]

2020 [01] Eudy, Brandon J., McDermott, Caitlin E., Fernandez, Gabriel, Mathews, Clayton E., Lai, Jinping, da Silva, Robin P. Disruption of hepatic one-carbon metabolism impairs mitochondrial function and enhances macrophage activity in methionine–choline-deficient mice [elektronický dokument]. DOI 10.1016/j.jnutbio.2020.108381 In: The Journal of Nutritional Biochemistry. Amsterdam: Elsevier, 2020, Roč. 81, art. no. 108381 [tlačená forma] [online]. ISSN 0955-2863. ISSN (online) 1873-4847. [angličtina]

2020 [01] Hamidzadeh, Kajal, Belew, Ashton T., El-Sayed, Najib M., Mosser, David M. The transition of M-CSF–derived human macrophages to a growth-promoting phenotype [elektronický dokument]. DOI

10.1182/bloodadvances.2020002683 In: Blood Advances. Washington: American Society of Hematology, 2020, Roč. 4, č. 21, s. 5460-5472 [tlačená forma] [online]. ISSN 2473-9529. ISSN (online) 2473-9537. [angličtina]

2020 [01] Zeng, Jianrui, Ning, Zhaochen, Wang, Yuzhong, Xiong, Huabao. Implications of CD39 in immune-related diseases [elektronický dokument]. DOI 10.1016/j.intimp.2020.107055 In: International Immunopharmacology. Amsterdam: Elsevier, 2020, Roč. 89, art. no. 107055 [tlačená forma] [online]. ISSN 1567-5769. ISSN (online) 1878-1705. [angličtina]

2019 [01] Wang, Rui, Zhang, Mei, Hu, Shanshan, Liu, Kangkang, Tai, Yu, Tao, Juan, Zhou, Weijie, Zhao, Zongbiao, Wang, Qingtong, Wei, Wei. Ginsenoside metabolite compound-K regulates macrophage function through inhibition of  $\beta$ -arrestin2 [elektronický dokument]. DOI 10.1016/j.biopha.2019.108909 In: Biomedicine & pharmacotherapy. Paríž: Elsevier, 2019, Roč. 115, art. no. 108909 [tlačená forma] [online]. ISSN 0753-3322. ISSN (online) 1950-6007. [angličtina]

2019 [01] De Leve, Simone, Wirsdörfer, Florian, Jendrossek, Verena. The CD73/Ado system-a new player in RT induced adverse late effects [elektronický dokument]. DOI 10.3390/cancers11101578 In: Cancers. Bazilej: Multidisciplinary Digital Publishing Institute, 2019, Roč. 11, č. 10, art. no. 1578 [online]. ISSN (online) 2072-6694. [angličtina]

**V3\_020** Pfisterer, Karin, Forster, Florian, Paster, Wolfgang, Supper, Verena, Ohradanova-Repic, Anna, Eckerstorfer, Paul, Zwirzitz, Alexander, Donner, Clemens, Boulégue, Cyril, Herbert, B. Schiller, Ondrovičová, Gabriela, Acuto, Oreste, Stockinger, Hannes, Leksa, Vladimír. The Late Endosomal Transporter CD222 Directs the Spatial Distribution and Activity of Lck [elektronický dokument]. DOI 10.4049/jimmunol.1303349. SIGN-UKO PR 1419/14 In: Journal of Immunology: official journal of the American Association of Immunologists. Rockville: American Association of Immunologists, 2014, Roč. 193, č. 6, s. 2718-2732 [tlačená forma] [online]. ISSN 0022-1767. ISSN (online) 1550-6606. <https://journals.aai.org/jimmunol/article/193/6/2718/98316/The-Late-Endosomal-Transporter-CD222-Directs-the>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000341859700012>. <https://www.scopus.com/record/display.uri?eid=2-s2.0-84907075824&origin=resultlist>. [angličtina]

**V3\_021** Schilter, Heidi, Cantemir-Stoneb, Carmen Z., Leksa, Vladimír, Ohradanova-Repic, Anna, Findlay, Alison D., Deodhar, Mandar, Stockinger, Hannes, Song, Xiaomin, Molloy, Mark, Marsh, Clay B., Jarolim, Wolfgang. The mannose-6-phosphate analogue, PXS64, inhibits fibrosis via TGF- $\beta$ 1 pathway in human lung fibroblasts [elektronický dokument]. DOI 10.1016/j.imlet.2015.04.003. SIGN-UKO PR 1358/15 In: Immunology Letters: published by Elsevier as the Official Journal of the European Federation of Immunological Societies (EFIS), a member of the International Union of Immunological Societies. Amsterdam: Elsevier, 2015, Roč. 165, č. 2, s. 90-101 [tlačená forma]. ISSN 0165-2478. ISSN (online) 1879-0542. <https://www.webofscience.com/wos/woscc/full-record/WOS:000356195300005>. <https://www.scopus.com/record/display.uri?eid=2-s2.0-84929191539&origin=resultlist>. [angličtina]

### Ohlasy:

2024 [01] Gauthier, Corentin, El Cheikh, Khaled, Basile, Ilaria, Daurat, Morgane, Morère, Elodie, Garcia, Marcel, Maynadier, Marie, Morère, Alain, Gary-Bobo, Magali. Cation-independent mannose 6-phosphate receptor: From roles and functions to targeted therapies [elektronický dokument]. DOI 10.1016/j.jconrel.2023.12.014 In: Journal of controlled release: official journal of the Controlled Release Society. Amsterdam: Elsevier. Elsevier Science, 2024, Roč. 365, s. 759-772 [tlačená forma] [online]. ISSN 0168-3659. ISSN (online) 1873-4995. [angličtina]

2024 [01] Isshiki, Takuma, Naiel, Safaa, Vierhout, Megan, Otsubo, Kohei, Ali, Pareesa, Tsubouchi, Kazuya, Yazdanshenas, Parichehr, Kumaran, Vaishnavi, Dvorkin-Gheva, Anna, Kolb, Martin R.J., Ask, Kjetil. Therapeutic strategies to target connective tissue growth factor in fibrotic lung diseases [elektronický dokument]. DOI 10.1016/j.pharmthera.2023.108578 In: Pharmacology & Therapeutics: An International Review Journal. Amsterdam: Elsevier, 2024, Roč. 253, art. no. 108578 [tlačená forma] [online]. ISSN 0163-7258. ISSN (online) 1879-016X

2023 [01] Attaallah, Amany, Elmrazeky, Asmaa R., El-Beltagy, Abd El Fattah B.M., Abdelaziz, Karoline K., Soliman, Mona FM. Modulatory role of Coriandrum sativum (coriander) extract against diabetic complications on the gonads of female rats and their offspring [elektronický dokument]. DOI 10.1016/j.tice.2023.102127 In: Tissue and Cell. Amsterdam: Elsevier, 2023, Roč. 83, art. no. 102127 [tlačená forma] [online]. ISSN 0040-8166. ISSN (online) 1532-3072. [angličtina]

2023 [01] Guo, Junfeng, Tang, Hong, Huang, Pan, Ye, Xiao, Tang, Chuyue, Shu, Zhao, Kang, Xia, Shi, Youxing, Zhou, Binghua, Liang, Taotao, Tang, Kanglai. Integrative single-cell RNA and ATAC sequencing reveals that the FOXO1-PRDX2-TNF axis regulates tendinopathy [elektronický dokument]. DOI 10.3389/fimmu.2023.1092778 In: *Frontiers in immunology*. Lausanne: Frontiers Media, 2023, Roč. 14, art. no. 1092778 [online]. ISSN (online) 1664-3224. [angličtina]

2023 [01] Yang, Fan, Wendusubilige, Kong, Jingwei, Zong, Yuhan, Wang, Manting, Jing, Chuanqing, Ma, Zhaotian, Li, Wanyang, Cao, Renshuang, Jing, Shuwen, Gao, Jie, Li, Wenxin, Wang, Ji. Identifying oxidative stress-related biomarkers in idiopathic pulmonary fibrosis in the context of predictive, preventive, and personalized medicine using integrative omics approaches and machine-learning strategies [elektronický dokument]. DOI 10.1007/s13167-023-00334-4 In: *EPMA Journal*. Cham : Springer Nature. Springer International Publishing AG, 2023, Roč. 14, č. 3, s. 417-442 [tlačená forma] [online]. ISSN 1878-5077. ISSN (online) 1878-5085

2022 [01] Zhu, Yuhan, Chen, Lin, Song, Binyu, Cui, Zhiwei, Chen, Guo, Yu, Zhou, Song, Baoqiang. Insulin-like Growth Factor-2 (IGF-2) in Fibrosis. DOI 10.3390/biom12111557 In: *Biomolecules*. Basel: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 11, art. no. 1557 [online]. ISSN 2218-273X. [angličtina]

2020 [01] Carleo, Alfonso, Landi, Claudia, Prasse, Antje, Bergantini, Laura, d'Alessandro, Miriana, Cameli, Paolo, Janciauskiene, Sabina, Rottoli, Paola, Bini, Luca, Bargagli, Elena. Proteomic characterization of idiopathic pulmonary fibrosis patients: Stable versus acute exacerbation [elektronický dokument]. DOI 10.4081/monaldi.2020.1231 In: *Monaldi Archives for Chest Disease*. Pavia: Fondazione clinica del lavoro edizioni, 2020, Roč. 90, č. 2, s. 180-190 [tlačená forma] [online]. ISSN 1122-0643. ISSN (online) 2532-5264. [angličtina]

2020 [01] Li, Juehong, Yao, Zhixiao, Xiong, Hao, Cui, Haomin, Wang, Xu, Zheng, Wei, Qian, Yun, Fan, Cunyi. Extracellular vesicles from hydroxycamptothecin primed umbilical cord stem cells enhance anti-adhesion potential for treatment of tendon injury [elektronický dokument]. DOI 10.1186/s13287-020-02016-8 In: *Stem Cell Research & Therapy*. Londýn: Springer Nature. BioMed Central, 2020, Roč. 11, č. 1, art. no. 500 [online]. ISSN (online) 1757-6512. [angličtina]

2020 [01] Yap, Jennifer Maries Go, Ueda, Takashi, Takeda, Norihisa, Fukumitsu, Kensuke, Fukuda, Satoshi, Uemura, Takehiro, Tajiri, Tomoko, Ohkubo, Hirosugu, Maeno, Ken, Ito, Yutaka, Kanemitsu, Yoshihiro, Niimi, Akio. An inflammatory stimulus sensitizes TRPA1 channel to increase cytokine release in human lung fibroblasts [elektronický dokument]. DOI 10.1016/j.cyto.2020.155027 In: *Cytokine*. Londýn: Elsevier. Elsevier Science, 2020, Roč. 129, art. no. 155027 [tlačená forma] [online]. ISSN 1043-4666. ISSN (online) 1096-0023. [čeština]

2019 [01] Toshniwal, Priyanka, Nguyen, Michelle, Guédin, Aurore, Viola, Helena, Ho, Diwei, Kim, Yongeun, Bhatt, Uditi, Bond, Charles S., Hool, Livia, Hurley, Laurence H., Mergny, Jean Louis, Fear, Mark, Wood, Fiona, Iyer, Swaminathan K., Smith, Nicole M. TGF- $\beta$ -induced fibrotic stress increases G-quadruplex formation in human fibroblasts [elektronický dokument]. DOI 10.1002/1873-3468.13658 In: *FEBS Letters*. West Sussex: John Wiley & Sons, 2019, Roč. 593, č. 22, s. 3149-3161 [tlačená forma] [online]. ISSN 0014-5793. ISSN (online) 1873-3468. [angličtina]

2017 [01] Parveen, Shafaq, Chen, Biqiang, Liu, Luo, Tan, Tianwei. Enzymatic phosphorylation of mannose by glucomannokinase from *Mycobacterium phlei* using inorganic polyphosphate. DOI 10.1016/j.enzmictec.2017.05.006 In: *Enzyme and Microbial Technology: an international journal of original research and reviews into biotechnology and bioaffinity*, 2017, Roč. 104, s. 16-21 [tlačená forma]. ISSN 0141-0229. [angličtina]

2016 [01] Mou, Xin, Zhou, Di Yi, Zhou, Dan Yang, Ma, Jing Ru, Liu, Ying Hui, Chen, Hui Ping, Hu, Yong Bin, Shou, Cheng Min, Chen, Jia Wei, Liu, Wen Hong, Ma, Guo Ling. Serum TGF- $\beta$ 1 as a biomarker for type 2 diabetic nephropathy: A meta-analysis of randomized controlled trials [elektronický dokument]. DOI 10.1371/journal.pone.0149513 In: *PLoS One*. San Francisco: Public Library of Science, 2016, Roč. 11, č. 2, art. no. e0149513 [online]. ISSN (online) 1932-6203. [angličtina]

2016 [01] Sun, Yu, Du, Yu Jun, Zhao, Hui, Zhang, Guo Xing, Sun, Ni, Li, Xiu Jiang. Protective effects of ulinastatin and methylprednisolone against radiation-induced lung injury in mice [elektronický dokument]. DOI 10.1093/jrr/rrw036 In: *Journal of radiation research*. Oxford: Oxford University Press, 2016, Roč. 57, č. 5, s. 505-511 [tlačená forma] [online]. ISSN 0449-3060. ISSN (online) 1349-9157. [angličtina]

**V3\_022** Khunkaewla, Panida, Herbert, B. Schiller, Paster, Wolfgang, Leksa, Vladimír, Čermák, Lukáš, Anděra, Ladislav, Hořejší, Václav, Stockinger, Hannes. LFA-1-mediated leukocyte adhesion regulated by interaction of CD43 with LFA-1 and CD147 [elektronický dokument]. DOI 10.1016/j.molimm.2007.09.032. SIGN-UKO PR 1639/08 In: Molecular immunology. Oxford: Elsevier. Pergamon Press, 2008, Roč. 45, č. 6, s. 1703-1711 [tlačaná forma] [online]. ISSN 0161-5890. ISSN (online) 1872-9142. <https://www.sciencedirect.com/science/article/pii/S016158900700778X>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000254181800017>. <https://www.scopus.com/record/display.uri?eid=2-s2.0-38949217095&origin=resultslst>. [angličtina]

**V3\_023** Probst, Olivia C., Puxbaum, Verena, Svoboda, Barbara, Leksa, Vladimír, Stockinger, Hannes, Mikula, Mario, Mikulits, Wolfgang, Mach, Lukáš. The mannose 6-phosphate/insulin-like growth factor II receptor restricts the tumourigenicity and invasiveness of squamous cell carcinoma cells [elektronický dokument]. DOI 10.1002/ijc.24236. SIGN-UKO PR 1573/09 In: International Journal of Cancer. Hoboken: John Wiley & Sons, 2009, Roč. 124, č. 11, s. 2559-2567 [tlačaná forma] [online]. ISSN 0020-7136. ISSN (online) 1097-0215. <https://onlinelibrary.wiley.com/doi/full/10.1002/ijc.24236>. <https://www.scopus.com/record/display.uri?eid=2-s2.0-64249094725&origin=inward&txGid=2e693c19e70a37af791eeeb98d9e63c4>. [angličtina]

**V3\_024** Chiampanichayakul, Sawitree, Szekeres, Andreas, Khunkaewla, Panida, Moonsom, Seangduen, Leksa, Vladimír, Drba, Karel, J. Zlabinger, Gerhard, Hofer-Warbinek, Renate, Stockinger, Hannes, Kasinrer, Watchara. Engagement of Na,K-ATPase  $\beta$ 3 subunit by a specific mAb suppresses T and B lymphocyte activation [elektronický dokument]. DOI 10.1093/intimm/dxf112. SIGN-UKO PR 1174/02 In: International Immunology. Oxford: Oxford Univ Press, 2002, Roč. 14, č. 12, s. 1407-1414 [tlačaná forma] [online]. ISSN 0953-8178. ISSN (online) 1460-2377. <https://pubmed.ncbi.nlm.nih.gov/12456588/>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000179668700004>. <https://www.scopus.com/record/display.uri?eid=2-s2.0-0036914896&origin=resultslst>. [angličtina]

### **O3 Odborný výstup publikační činnosti z časopisu** **Počet výstupů: 1**

**O3\_001** Machacek, Christian, Supper, Verena, Leksa, Vladimír, Mitulovic, Goran, Spittler, Andreas, Drbal, Karel, Suchanek, Miloslav, Ohradanova-Repic, Anna, Stockinger, Hannes. Folate Receptor beta Regulates Integrin CD11b/CD18 Adhesion of a Macrophage Subset to Collagen [elektronický dokument]. DOI 10.4049/jimmunol.1501878. SIGN-UKO PR 1209/16 In: Journal of Immunology: official journal of the American Association of Immunologists. Rockville: American Association of Immunologists, 2016, Roč. 197, č. 6, s. 2229-2238 [tlačaná forma] [online]. ISSN 0022-1767. ISSN (online) 1550-6606. <https://pubmed.ncbi.nlm.nih.gov/27534550/>. <https://www.webofscience.com/wos/woscc/full-record/WOS:000385003600019>. <https://www.scopus.com/results/results.uri?sort=plf-f&src=s&st1=Folate+Receptor+b+Regulates+Integrin+CD11b%2FCD18+Adhesion+of+a+Macrophage+Subset+to+Collagen&sid=c067f116f1dc75bc9153ac0b60c8edbf&sot=b&sdt=b&sl=106&s=TITLE-ABS-KEY%28Folate+Receptor+b+Regulates+Integrin+CD11b%2FCD18+Adhesion+of+a+Macrophage+Subset+to+Collagen%29&origin=searchbasic&editSaveSearch=&yearFrom=Before+1960&yearTo=Present&sessionSearchId=c067f116f1dc75bc9153ac0b60c8edbf&limit=10>. [angličtina]

#### **Ohlasy:**

2024 [01] Balashova, Olga A., Panoutsopoulos, Alexios A., Visina, Olesya, Selhub, Jacob, Knoepfler, Paul S., Borodinsky, Laura N. Noncanonical function of folate through folate receptor 1 during neural tube formation [elektronický dokument]. DOI 10.1038/s41467-024-45775-1 In: Nature Communications. London: Springer Nature. Nature Publishing Group, 2024, Roč. 15, č. 1, art. no. 1642 [online]. ISSN (online) 2041-1723. [angličtina]

2022 [01] Kurowska-Stolarska, Mariola, Alivernini, Stefano. Synovial tissue macrophages in joint homeostasis, rheumatoid arthritis and disease remission [elektronický dokument]. DOI 10.1038/s41584-022-00790-8 In: Nature reviews. Rheumatology. New York: Springer Nature. Nature Publishing Group, 2022, Roč. 18, č. 7, s. 384-397 [tlačaná forma] [online]. ISSN 1759-4790. ISSN (online) 1759-4804. [angličtina]

2022 [01] Hoang, Thi Xoan, Kim, Jae Young. Cell Surface Hsp90- and  $\alpha$ M $\beta$ 2 Integrin-Mediated Uptake of Bacterial Flagellins to Activate Inflammasomes by Human Macrophages [elektronický dokument]. DOI 10.3390/cells11182878 In: Cells. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 11, č. 18, art. no. 2878 [online]. ISSN (online) 2073-4409. [angličtina]

2021 [01] Lu, Yingjuan J., Wheeler, Leroy W., Chu, Haiyan, Kleindl, Paul J., Pugh, Michael, You, Fei, Rao, Satish, Garcia, Gabriela, Wu, Henry Y., da Cunha, Andre P., Johnson, Richard, Westrick, Elaine, Cross, Vicky, Lloyd, Alex, Dircksen, Christina, Klein, Patrick J., Vlahov, Iontcho R., Low, Philip S., Leamon, Christopher P. Targeting folate receptor beta on monocytes/macrophages renders rapid inflammation resolution independent of root causes [elektronický dokument]. DOI 10.1016/j.xcrm.2021.100422 In: Cell Reports Medicine. Cambridge: Elsevier, 2021, Roč. 2, č. 10, art. no. 100422 [online]. ISSN (online) 2666-3791. [angličtina]

2021 [01] Mould, Kara J., Moore, Camille M., McManus, Shannon A., McCubbrey, Alexandra L., McClendon, Jazalle D., Griesmer, Christine L., Henson, Peter M., Janssen, William J. Airspace macrophages and monocytes exist in transcriptionally distinct subsets in healthy adults [elektronický dokument]. DOI 10.1164/RCCM.202005-1989OC In: American journal of respiratory and critical care medicine. New York: American Lung Association, 2021, Roč. 203, č. 8, s. 946-956 [tlačená forma] [online]. ISSN 1073-449X. ISSN (online) 1535-4970. [angličtina]

2021 [01] Bobrowski-Khoury, Natasha, Ramaekers, Vincent T., Sequeira, Jeffrey M., Quadros, Edward V. Folate receptor alpha autoantibodies in autism spectrum disorders: Diagnosis, treatment and prevention [elektronický dokument]. DOI 10.3390/jpm11080710 In: Journal of personalized medicine. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 11, č. 8, art. no. 710 [online]. ISSN (online) 2075-4426. [angličtina]

2021 [01] Garcia, Gabriela E., Lu, Yingjuan J., Truong, Luan D., Roncal-Jiménez, Carlos A., Miyazaki, Makoto, Miyazaki-Anzai, Shinobu, Cara-Fuentes, Gabriel, Andres-Hernando, Ana, Lanaspá, Miguel, Johnson, Richard J., Leamon, Christopher P. A novel treatment for glomerular disease: Targeting the activated macrophage folate receptor with a trojan horse therapy in rats [elektronický dokument]. DOI 10.3390/cells10082113 In: Cells. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 10, č. 8, art. no. 2113 [online]. ISSN (online) 2073-4409. [angličtina]

2020 [01] Kim, Cheorl-Ho. GM3 Signaling [textový dokument (print)] [elektronický dokument] . 1. vyd. Singapur: Springer Nature. Springer, 2020. ISBN 978-981-15-5651-7. ISBN (online) 978-981-15-5652-4. [angličtina]

2019 [01] Chandrupatla, Durga M.S.H., Molthoff, Carla F.M., Lammertsma, Adriaan A., van der Laken, Conny J., Jansen, Gerrit. The folate receptor  $\beta$  as a macrophage-mediated imaging and therapeutic target in rheumatoid arthritis [elektronický dokument]. DOI 10.1007/s13346-018-0589-2 In: Drug Delivery and Translational Research. [s.l.]: Springer Nature, 2019, Roč. 9, č. 1, s. 366-378. ISSN 2190393X. ISSN (online) 21903948. [angličtina]

2019 [01] López-Gordillo, Yamila, Maldonado, Estela, Nogales, Laura, Del Río, Aurora, Barrio, M. Carmen, Murillo, Jorge, Martínez-Sanz, Elena, Paradas-Lara, Irene, Alonso, M. Isabel, Partearroyo, Teresa, Martínez-Álvarez, Concepción. Maternal folic acid supplementation reduces the severity of cleft palate in Tgf- $\beta$  null mutant mice. DOI 10.1038/s41390-018-0267-6 In: Pediatric Research: an international journal of human developmental biology. New York: Springer Nature. Nature Publishing Group, 2019, Roč. 85, č. 4, s. 566-573 [tlačená forma] [online]. ISSN 0031-3998. ISSN (chybné) 0553-4593. [angličtina]

2019 [01] Lake, April D., Hardwick, Rhiannon N., Leamon, Christopher P., Low, Philip S., Cherrington, Nathan J. Folate receptor-beta expression as a diagnostic target in human & rodent nonalcoholic steatohepatitis [elektronický dokument]. DOI 10.1016/j.taap.2019.02.009 In: Toxicology and Applied Pharmacology. Amsterdam: Elsevier, 2019, Roč. 368, s. 49-54 [tlačená forma] [online]. ISSN 0041-008X. ISSN (online) 1096-0333. [angličtina]

2019 [01] Kim, Tae Hyun, Kang, Min Sil, Mandakhbayar, Nandin, El-Fiqi, Ahmed, Kim, Hae Won. Anti-inflammatory actions of folate-functionalized bioactive ion-releasing nanoparticles imply drug-free nanotherapy of inflamed tissues [elektronický dokument]. DOI 10.1016/j.biomaterials.2019.03.034 In: Biomaterials. Kidlington: Elsevier. Elsevier Science, 2019, Roč. 207, s. 23-38 [tlačená forma] [online]. ISSN 0142-9612. ISSN (online) 1878-5905. [angličtina]

2019 [01] Block, Janice. M2-like cells from the macrophage lineage might play a central role in closure of the embryonic neural tube [elektronický dokument]. DOI 10.1016/j.mehy.2019.109264 In: Medical Hypotheses. Edinburgh: Elsevier, 2019, Roč. 129, art. no. 109264 [tlačená forma] [online]. ISSN 0306-9877. ISSN (online) 1532-2777. [angličtina]

## **P1 Pedagogický výstup publikačnej činnosti ako celok**

**Počet výstupov: 2**

**P1\_001** Polčic, Peter, Mentel, Marek, Nosek, Jozef, Neboháčová, Martina, Kolarov, Jordan, Tomáška, Ľubomír, Zeman, Igor, Mikušová, Katarína, Horváth, Anton, Gavurníková, Gabriela, Zemanová, Júlia, Kollárová, Marta, Leksa, Vladimír, Korduláková, Jana, Šubík, Július, Bhatia, Ingrid, Chovančíková, Petra, Hegedúsová, Eva, Lichancová, Hana, Čermáková, Petra. Klasické experimenty v biochémií [textový dokument (print)] : O odkrývaní molekulárnej podstaty života. 1. vyd. Bratislava: Univerzita Komenského v Bratislave, 2023. ISBN 978-80-223-5594-0. SIGN-UKO PR 941/23. [slovenčina]

**P1\_002** Leksa, Vladimír. Vzdelaní príbuzní [textový dokument (print)] [elektronický dokument] . 1.. vyd. Bratislava: Perfekt, 2013. ISBN 978-80-8046-601-5. SIGN-UKO PR 1438/13. <https://www.perfekt.sk/kniha/vzdelani-pribuzni#kniha>. [slovenčina]

## **ADC Vedecké práce v zahraničných karentovaných časopisoch**

**Počet výstupov: 3**

**ADC\_001** Leksa, Vladimír, Ilková, Anna, Vičíková, Kristína, Stockinger, Hannes. Unravelling novel functions of the endosomal transporter mannose 6-phosphate/insulin-like growth factor receptor (CD222) in health and disease: An emerging regulator of the immune system [elektronický dokument]. DOI 10.1016/j.imlet.2017.08.011. SIGN-UKO PR 308/17 In: Immunology Letters: published by Elsevier as the Official Journal of the European Federation of Immunological Societies (EFIS), a member of the International Union of Immunological Societies. Amsterdam: Elsevier, 2017, Roč. 190, s. 194-200 [tlačaná forma]. ISSN 0165-2478. ISSN (online) 1879-0542. [http://ws.isiknowledge.com/cps/openurl/service?url\\_ver=Z39.88-2004&rft\\_id=info:ut/000412963500023](http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000412963500023) . <https://www.scopus.com/record/display.uri?eid=2-s2.0-85028084489&origin=resultslist>. [angličtina]

### **Ohlasy:**

2024 [01] Gauthier, Corentin, El Cheikh, Khaled, Basile, Ilaria, Daurat, Morgane, Morère, Elodie, Garcia, Marcel, Maynadier, Marie, Morère, Alain, Gary-Bobo, Magali. Cation-independent mannose 6-phosphate receptor: From roles and functions to targeted therapies [elektronický dokument]. DOI 10.1016/j.jconrel.2023.12.014 In: Journal of controlled release: official journal of the Controlled Release Society. Amsterdam: Elsevier. Elsevier Science, 2024, Roč. 365, s. 759-772 [tlačaná forma] [online]. ISSN 0168-3659. ISSN (online) 1873-4995. [angličtina]

2023 [01] Baxter, Robert C. Signaling Pathways of the Insulin-like Growth Factor Binding Proteins [elektronický dokument]. DOI 10.1210/endrev/bnad008 In: Endocrine reviews. Londýn: Oxford University Press, 2023, Roč. 44, č. 5, s. 753-778 [tlačaná forma] [online]. ISSN 0163-769X. ISSN (online) 1945-7189. [angličtina]

2023 [01] Mo, Jiahang, Ruan, Shunyi, Yang, Baicai, Jin, Yunfeng, Liu, Keyi, Luo, Xukai, Jiang, Hua. A novel defined risk signature of endoplasmic reticulum stress-related genes for predicting the prognosis and immune infiltration status of ovarian cancer [elektronický dokument]. DOI 10.1631/jzus.B2200272 In: Journal of Zhejiang University - Science B: Biomedicine & Biotechnology: Biomedicine and Biotechnology. Zhejiang : Zhejiang University, 2023, Roč. 24, č. 1, s. 64-77 [tlačaná forma] [online]. ISSN 1673-1581. ISSN (online) 1862-1783. [angličtina]

2022 [01] Zhong, Ying, Ren, Xinyu, Cao, Xi, Xu, Yali, Song, Yu, Zhou, Yidong, Mao, Feng, Shen, Songjie, Wang, Zhe, Sun, Qiang. Insulin-like growth factor 2 receptor is a key immune-related gene that is correlated with a poor prognosis in patients with triple-negative breast cancer: A bioinformatics analysis [elektronický dokument]. DOI 10.3389/fonc.2022.871786 In: Frontiers in oncology. Lausanne: Frontiers Media, 2022, Roč. 12, art. no. 871786 [online]. ISSN (online) 2234-943X. [angličtina]

2021 [01] Beletskiy, Alexander, Chesnokova, Ekaterina, Bal, Natalia. Insulin-like growth factor 2 as a possible neuroprotective agent and memory enhancer—its comparative expression, processing and signaling in mammalian cns [elektronický dokument]. DOI 10.3390/ijms22041849 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 22, č. 4, s. 1-46 [online] [tlačaná forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

**ADC\_002** Ohradanova-Repic, Anna, Machacek, Christian, Donner, Clemens, Mühlgrabner, Vanessa, Petrovčíková, Eva, Zahradníková, Alexandra, Vičíková, Kristína, Hořejší, Václav, Stockinger, Hannes, Leksa, Vladimír. The mannose 6-phosphate/insulin-like growth factor 2 receptor mediates plasminogen-induced efferocytosis [elektronický dokument]. DOI 10.1002/JLB.1AB0417-160RR.

SIGN-UKO PR 311/19. SIGN-UKO PR 1239/19 In: Journal of leukocyte biology: cellular and molecular mechanisms of host defense and inflammation. Bethesda: FASEB, 2019, Roč. 105, č. 3, s. 519-530 [tlačaná forma]. ISSN 0741-5400. ISSN (online) 1938-3673.  
[http://ws.isiknowledge.com/cps/openurl/service?url\\_ver=Z39.88-2004&rft\\_id=info:ut/000459489900009](http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000459489900009).  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85060222028&origin=resultslst>.  
<https://www.webofscience.com/wos/ccc/full-record/CCC:000459489900009>.  
<https://pubmed.ncbi.nlm.nih.gov/30657605/>. [angličtina]

#### Ohlasy:

2024 [01] Tan, Xi, Zhang, Jing, Heng, Yongyuan, Chen, Lin, Wang, Yi, Wu, Shaojun, Liu, Xiaoli, Xu, Biao, Yu, Ziyi, Gu, Rong. Locally delivered hydrogels with controlled release of nanoscale exosomes promote cardiac repair after myocardial infarction [elektronický dokument]. DOI 10.1016/j.jconrel.2024.02.035 In: Journal of controlled release: official journal of the Controlled Release Society. Amsterdam: Elsevier. Elsevier Science, 2024, Roč. 368, s. 303-317 [tlačaná forma] [online]. ISSN 0168-3659. ISSN (online) 1873-4995. [angličtina]

2023 [01] Galal, Mariam Ahmed, Alouch, Samhar Samer, Alsultan, Buthainah Saad, Dahman, Huda, Alyabis, Nouf Abdullah, Alammar, Sarah Ammar, Aljada, Ahmad. Insulin Receptor Isoforms and Insulin Growth Factor-like Receptors: Implications in Cell Signaling, Carcinogenesis, and Chemoresistance [elektronický dokument]. DOI 10.3390/ijms241915006 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 24, č. 19, art. no. 15006 [online] [tlačaná forma]. ISSN 1661-6596. ISSN (online) 1422-0067. [angličtina]

2022 [01] Zhong, Ying, Ren, Xinyu, Cao, Xi, Xu, Yali, Song, Yu, Zhou, Yidong, Mao, Feng, Shen, Songjie, Wang, Zhe, Sun, Qiang. Insulin-like growth factor 2 receptor is a key immune-related gene that is correlated with a poor prognosis in patients with triple-negative breast cancer: A bioinformatics analysis [elektronický dokument]. DOI 10.3389/fonc.2022.871786 In: Frontiers in oncology. Lausanne: Frontiers Media, 2022, Roč. 12, art. no. 871786 [online]. ISSN (online) 2234-943X. [angličtina]

2022 [01] Nicholas, Ben, Guo, Jane, Lee, Hyun Hee, Bailey, Alistair, de Waal Malefyt, Rene, Cicmil, Milenko, Djukanovic, Ratko. Analysis of cell-specific peripheral blood biomarkers in severe allergic asthma identifies innate immune dysfunction [elektronický dokument]. DOI 10.1111/cea.14197 In: Clinical and Experimental Allergy. [s.l.]: John Wiley & Sons. Wiley-Blackwell, 2022, Roč. 52, č. 11, s. 1334-1337. ISSN 09547894. ISSN (online) 13652222. [angličtina]

2021 [01] Miller, James J., Bohnsack, Richard N., Olson, Linda J., Ishihara, Mayumi, Aoki, Kazuhiro, Tiemeyer, Michael, Dahms, Nancy M. Tissue plasminogen activator is a ligand of cation-independent mannose 6-phosphate receptor and consists of glycoforms that contain mannose 6-phosphate [elektronický dokument]. DOI 10.1038/s41598-021-87579-z In: Scientific reports. Londýn: Springer Nature. Nature Publishing Group, 2021, Roč. 11, č. 1, art. no. 8213 [online]. ISSN (online) 2045-2322. [angličtina]

**ADC\_003** Urban, Ján, Suchánková, Magda, Gánovská, Martina, Leksa, Vladimír, Sándor, František, Tedlová, Eva, König, Brian, Bucová, Mária. The role of CX3CL1 and ADAM17 in pathogenesis of diffuse parenchymal lung diseases [elektronický dokument]. DOI 10.3390/diagnostics11061074. SIGN-UKO LF IU/21. SIGN-UKO PR 1083/21 In: Diagnostics. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 11, č. 6, Art. No. 1074, s. [1-15] [online]. ISSN (online) 2075-4418.  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85108869060&origin=resultslst>.  
[http://ws.isiknowledge.com/cps/openurl/service?url\\_ver=Z39.88-2004&rft\\_id=info:ut/000665555400001](http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000665555400001).  
<https://www.mdpi.com/2075-4418/11/6/1074/pdf>.  
<https://www.webofscience.com/wos/ccc/full-record/CCC:000665555400001>.  
<https://www.mdpi.com/2075-4418/11/6/1074>. [angličtina]

#### Ohlasy:

2024 [01] Alarcon-Sanchez, Mario A., Becerra-Ruiz, Julieta S., Guerrero-Velazquez, Celia, Mosaddad, Seyed A., Heboyan, Artak. The role of the CX3CL1/CX3CR1 axis as potential inflammatory biomarkers in subjects with periodontitis and rheumatoid arthritis: A systematic review [elektronický dokument]. DOI 10.1002/iid3.1181 In: Immunity, Inflammation and Disease. [Oxford]: John Wiley & Sons, 2024, Roč. 12, č. 2, art. no. e1181, s. [online]. ISSN (online) 2050-4527. [angličtina]

2024 [01] Schwartz, Joel, Capistrano, Kristelle J., Gluck, Joseph, Hezarkhani, Armita, Naqvi, Afsar R. SARS-CoV-2, periodontal pathogens, and host factors: The trinity of oral post-acute sequelae of COVID-19 [elektronický dokument]. DOI 10.1002/rmv.2543 In: Reviews in medical virology. Chichester:

John Wiley & Sons, 2024, Roč. 34, č. 3, art. no. e2543 [tlačená forma] [online]. ISSN 1052-9276. ISSN (online) 1099-1654. [angličtina]

2024 [01] Akdeniz, Yonca Senem, Özkan, Seda. New markers in chronic obstructive pulmonary disease [elektronický dokument]. DOI 10.1016/bs.acc.2024.06.001 In: Advances in Clinical Chemistry. London: Elsevier, 2024, s. 1-63 [tlačená forma]. ISBN 978-0-443-29706-9. ISSN 0065-2423. ISSN (online) 2162-9471. [angličtina]

2022 [01] Hu, Huifang, Yang, Hang, Liu, Yi, Yan, Bing. Pathogenesis of Anti-melanoma Differentiation-Associated Gene 5 Antibody-Positive Dermatomyositis: A Concise Review With an Emphasis on Type I Interferon System [elektronický dokument]. DOI 10.3389/fmed.2021.833114 In: Frontiers in medicine. Lausanne: Frontiers Media, 2022, Roč. 8, art. no. 833114 [online]. ISSN (online) 2296-858X. [angličtina]

### **ADD Vedecké práce v domácích karentovaných časopisoch** **Počet výstupov: 2**

**ADD\_001** Petrovčíková, Eva, Vičíková, Kristína, Leksa, Vladimír. Extracellular vesicles - biogenesis, composition, function, uptake and therapeutic applications [elektronický dokument]. DOI 10.2478/s11756-018-0047-0. SIGN-UKO PR 282/18 In: Biologia. Cham: Springer Nature, 2018, Roč. 73, č. 4, s. 437-448 [tlačená forma] [online]. ISSN 0006-3088. ISSN (online) 1336-9563. [http://ws.isiknowledge.com/cps/openurl/service?url\\_ver=Z39.88-2004&rft\\_id=info:ut/000437757100015](http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000437757100015). <https://www.scopus.com/record/display.uri?eid=2-s2.0-85046553036&origin=resultlist>. <https://link.springer.com/article/10.2478/s11756-018-0047-0>. [angličtina]

### **Ohlasy:**

2024 [01] Barr, Shaimaa I., Bessa, Sahar S., Mohamed, Tarek M., Abd El-Azeem, Eman M. Exosomal UMOD gene expression and urinary uromodulin level as early noninvasive diagnostic biomarkers for diabetic nephropathy in type 2 diabetic patients [elektronický dokument]. DOI 10.1007/s13340-023-00686-2 In: Diabetology international. Tokio: Springer Nature, 2024, Roč. 15, č. 3, s. 389-399 [tlačená forma] [online]. ISSN 2190-1678. ISSN (online) 2190-1686. [angličtina]

2024 [01] Shamshiripour, Parisa, Rahnama, Mehrana, Nikoobakht, Mehdi, Hajiahmadi, Fahimeh, Moradi, Ali Reza, Ahmadvand, Davoud. A dynamic study of VEGF-A siDOX-EVs trafficking through the in-vitro insert co-culture blood-brain barrier model by digital holographic microscopy [elektronický dokument]. DOI 10.3389/fonc.2024.1292083 In: Frontiers in oncology. Lausanne: Frontiers Media, 2024, Roč. 14, [online]. ISSN (online) 2234-943X. [angličtina]

2024 [01] Romanò, Sabrina, Nele, Valeria, Campani, Virginia, De Rosa, Giuseppe, Cinti, Stefano. A comprehensive guide to extract information from extracellular vesicles: a tutorial review towards novel analytical developments [elektronický dokument]. DOI 10.1016/j.aca.2024.342473 In: Analytica Chimica Acta: an International Journal Devoted to All Branches of Analytical Chemistry. Amsterdam: Elsevier, 2024, Roč. 1302, art. no. 342473 [tlačená forma] [online]. ISSN 0003-2670. ISSN (online) 1873-4324. [angličtina]

2024 [01] Jiyah, Amina, Muhammad, Suleiman Alhaji, Ibrahim, Abdulwasiiu, Bulama, Ibrahim, Ibrahim, Abdullahi, Abbas, Abdullahi Yahya, Imam, Mustapha Umar, Saidu, Yusuf, Bilbis, Lawal Suleiman. Plant-derived extracellular vesicles as potential smart nano drug delivery systems for antioxidant vitamins C and E in Alzheimer's disease [elektronický dokument]. DOI 10.1016/j.jddst.2024.105618 In: Journal of Drug Delivery Science and Technology. Amsterdam: Elsevier, 2024, Roč. 95, art. no. 105618 [tlačená forma] [online]. ISSN 1773-2247. ISSN (online) 2588-8943. [angličtina]

2023 [01] Yu, Jivin, Sane, Saba, Kim, Ji Eun, Yun, Sehee, Kim, Hyeon Jai, Jo, Kyeong Beom, Wright, Jacob P., Khoshdoozmasouleh, Nooshin, Lee, Kunwoo, Oh, Ho Taek, Thiel, Keaton, Parvin, Afrin, Williams, Xavier, Hannon, Claire, Lee, Hunsang, Kim, Dae Kyum. Biogenesis and delivery of extracellular vesicles: harnessing the power of EVs for diagnostics and therapeutics [elektronický dokument]. DOI 10.3389/fmolb.2023.1330400 In: Frontiers in molecular biosciences. Lausanne: Frontiers Media, 2023, Roč. 10, art. no. 1330400 [online]. ISSN (online) 2296-889X. [angličtina]

2023 [01] Zhang, Yan, Liang, Feng, Zhang, Duo Duo, Qi, Shuang, Liu, Yan. Metabolites as extracellular vesicle cargo in health, cancer, pleural effusion, and cardiovascular diseases: An emerging field of study to diagnostic and therapeutic purposes [elektronický dokument]. DOI 10.1016/j.biopha.2022.114046 In:

Biomedicine & pharmacotherapy. Paríž: Elsevier, 2023, Roč. 157, art. no. 114046 [tlačaná forma] [online]. ISSN 0753-3322. ISSN (online) 1950-6007. [angličtina]

2023 [01] Sabatke, Bruna, Rossi, Izadora Volpato, Sana, Abel, Bonato, Leticia Bassani, Ramirez, Marcel I. Extracellular vesicles biogenesis and uptake concepts: A comprehensive guide to studying host–pathogen communication [elektronický dokument]. DOI 10.1111/mmi.15168 In: Molecular Microbiology. Chirchester: John Wiley & Sons. Wiley-Blackwell, 2023, art. no. 15168 [tlačaná forma]. ISSN 0950-382X. ISSN (online) 1365-2958. [angličtina]

2022 [01] Di Santo, Riccardo, Vaccaro, Maria, Romanò, Sabrina, Di Giacinto, Flavio, Papi, Massimiliano, Rapaccini, Gian Ludovico, De Spirito, Marco, Miele, Luca, Basile, Umberto, Ciasca, Gabriele. Machine Learning-Assisted FTIR Analysis of Circulating Extracellular Vesicles for Cancer Liquid Biopsy [elektronický dokument]. DOI 10.3390/jpm12060949 In: Journal of personalized medicine. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 6, art. no. 949 [online]. ISSN (online) 2075-4426. [angličtina]

2022 [01] Mukherjee, Swagatama, Pillai, Prakash P. Current insights on extracellular vesicle-mediated glioblastoma progression: Implications in drug resistance and epithelial-mesenchymal transition [elektronický dokument]. DOI 10.1016/j.bbagen.2021.130065 In: Biochimica et Biophysica Acta - General subjects: international monthly of biochemistry and biophysics. Amsterdam: Elsevier, 2022, Roč. 1866, č. 3, art. no. 130065 [tlačaná forma] [online]. ISSN 0304-4165. ISSN (online) 1872-8006. [angličtina]

2022 [01] Crum, Raphael J., Capella-Monsonís, Héctor, Badylak, Stephen F., Hussey, George S. Extracellular Vesicles for Regenerative Medicine Applications [elektronický dokument]. DOI 10.3390/app12157472 In: Applied sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 15, art. no. 7472 [online]. ISSN (online) 2076-3417. [angličtina]

2021 [01] Yousif, Ghada, Qadri, Shahnaz, Haik, Mahmoud, Haik, Yousef, Parray, Aijaz Sultan, Shuaib, Ashfaq. Circulating Exosomes of Neuronal Origin as Potential Early Biomarkers for Development of Stroke [elektronický dokument]. DOI 10.1007/s40291-020-00508-0 In: Molecular Diagnosis & Therapy. Auckland: Adis International, 2021, Roč. 25, č. 2, s. 163-180 [tlačaná forma] [online]. ISSN 1177-1062. ISSN (online) 1179-2000. [angličtina]

2021 [01] Di Santo, Riccardo, Romanò, Sabrina, Mazzini, Alberto, Jovanović, Svetlana, Nocca, Giuseppina, Campi, Gaetano, Papi, Massimiliano, De Spirito, Marco, Di Giacinto, Flavio, Ciasca, Gabriele. Recent advances in the label-free characterization of exosomes for cancer liquid biopsy: From scattering and spectroscopy to nanoindentation and nanodevices [elektronický dokument]. DOI 10.3390/nano11061476 In: Nanomaterials. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 11, č. 6, art. no. 1476 [online]. ISSN (online) 2079-4991. [angličtina]

2021 [01] Burgos-Ravanel, Renato, Campos, América, Díaz-Vesga, Magda C., González, María Fernanda, León, Daniela, Lobos-González, Lorena, Leyton, Lisette, Kogan, Marcelo J., Quest, Andrew F.G. Extracellular vesicles as mediators of cancer disease and as nanosystems in theranostic applications [elektronický dokument]. DOI 10.3390/cancers13133324 In: Cancers. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 13, č. 13, art. no. 3324 [online]. ISSN (online) 2072-6694. [angličtina]

2021 [01] Kraińska, Magdalena M., Pietrkowska, Natalia, Turlej, Eliza, Zongjin, Li, Marycz, Krzysztof. Extracellular vesicles derived from mesenchymal stem cells as a potential therapeutic agent in acute kidney injury (AKI) in felines: review and perspectives [elektronický dokument]. DOI 10.1186/s13287-021-02573-6 In: Stem Cell Research & Therapy. Londýn: Springer Nature. BioMed Central, 2021, Roč. 12, č. 1, art. no. 504 [online]. ISSN (online) 1757-6512. [angličtina]

2021 [01] Kumar, Asit, Zhou, Lina, Zhi, Kaining, Raji, Babatunde, Pernel, Shelby, Tadrous, Erene, Kodidela, Sunitha, Nookala, Anantha, Kochat, Harry, Kumar, Santosh. Challenges in biomaterial-based drug delivery approach for the treatment of neurodegenerative diseases: Opportunities for extracellular vesicles [elektronický dokument]. DOI 10.3390/ijms22010138 In: International journal of molecular sciences. Bazilej: Multidisciplinary Digital Publishing Institute, 2021, Roč. 22, č. 1, art. no. 138 1-21 [online] [tlačaná forma]. ISSN 1661-6596. ISSN (online) 1422-0067

2020 [01] Kumar, Asit, Kodidela, Sunitha, Tadrous, Erene, Cory, Theodore James, Walker, Crystal Martin, Smith, Amber Marie, Mukherjee, Ahona, Kumar, Santosh. Extracellular vesicles in viral replication and pathogenesis and their potential role in therapeutic intervention [elektronický dokument]. DOI

10.3390/v12080887 In: Viruses. Bazilej: Multidisciplinary Digital Publishing Institute, 2020, Roč. 12, č. 8, art. no. v12080887 [online]. ISSN (online) 1999-4915. [angličtina]

2019 [01] Zhang, Honghong, Xu, Sijuan, Liu, Xiaoli. MicroRNA profiling of plasma exosomes from patients with ovarian cancer using high-throughput sequencing [elektronický dokument]. DOI 10.3892/ol.2019.10220 In: Oncology Letters. Atény: Spandidos Publications, 2019, Roč. 17, č. 6, s. 5601-5607 [tlačaná forma] [online]. ISSN 1792-1074. ISSN (online) 1792-1082. [angličtina]

2019 [01] Walters, Nicole, Nguyen, Luong T.H., Zhang, Jingjing, Shankaran, Ajay, Reátegui, Eduardo. Extracellular vesicles as mediators of: In vitro neutrophil swarming on a large-scale microparticle array [elektronický dokument]. DOI 10.1039/c9lc00483a In: Lab on a Chip. London: The Royal Society of Chemistry, 2019, Roč. 19, č. 17, s. 2874-2884 [tlačaná forma] [online]. ISSN 1473-0197. ISSN (online) 1473-0189. [angličtina]

**ADD\_002** Vičíková, Kristína, Petrovčíková, Eva, Maňka, Peter, Drach, Johannes, Stockinger, Hannes, Leksa, Vladimír. Serum and urinary levels of CD222 in cancer: origin and diagnostic value [elektronický dokument]. DOI 10.4149/neo\_2018\_171203N792. SIGN-UKO PR 850/18 In: Neoplasma: the Journal for Experimental and Clinical Oncology. Bratislava: Slovenská akadémia vied. Biomedicínske centrum. Ústav experimentálnej onkológie, 2018, Roč. 65, č. 5, s. 762-768 [tlačaná forma] [online]. ISSN 0028-2685. ISSN (online) 1338-4317.

[http://ws.isiknowledge.com/cps/openurl/service?url\\_ver=Z39.88-2004&rft\\_id=info:ut/000445416000014](http://ws.isiknowledge.com/cps/openurl/service?url_ver=Z39.88-2004&rft_id=info:ut/000445416000014).  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85054140651&origin=resultslist>. [angličtina]

#### **Ohlasy:**

2022 [01] Khan, Safir Ullah, Khan, Munir Ullah, Gao, Yanyan, Khan, Muhammad Imran, Puswal, Sabah Mushtaq, Zubair, Muhammad, Khan, Muhammad Ammar, Farwa, Rahat, Gao, Shuang, Ali, Rizwan, Hussain, Nazim. Unique therapeutic potentialities of exosomes based nanodrug carriers to target tumor microenvironment in cancer therapy. DOI 10.1016/j.onano.2022.100091 In: OpenNano, 2022, Roč. 8, art. no. 100091. ISSN 23529520. [angličtina]

2021 [01] Mughees, Mohd, Kumar, Krishna, Wajid, Saima. Exosome vesicle as a nano-therapeutic carrier for breast cancer [elektronický dokument]. DOI 10.1080/1061186X.2020.1808001 In: Journal of drug targeting. Yverdon: Harwood Academic Publishers, 2021, Roč. 29, č. 2, s. 121-130 [tlačaná forma] [online]. ISSN 1061-186X. ISSN (online) 1029-2330. [angličtina]

2020 [01] Liu, S. B., Zhou, L. B., Wang, H. F., Li, G., Xie, Q. P., Hu, B. Loss of IGF2R indicates a poor prognosis and promotes cell proliferation and tumorigenesis in bladder cancer via AKT signaling pathway [elektronický dokument]. DOI 10.4149/neo\_2019\_190206N108 In: Neoplasma: the Journal for Experimental and Clinical Oncology. Bratislava: Slovenská akadémia vied. Biomedicínske centrum. Ústav experimentálnej onkológie, 2020, Roč. 67, č. 1, s. 129-136 [tlačaná forma] [online]. ISSN 0028-2685. ISSN (online) 1338-4317. [angličtina]

#### **AFD Publikované príspevky na domácich vedeckých konferenciách**

##### **Počet výstupov: 2**

**AFD\_001** Suchánková, Magda, Leksa, Vladimír, Urban, Ján, Gánovská, Martina, Tibenská, Elena, Szaboová, Kinga, Tedlová, Eva, Sándor, František, Majer, Ivan, Zsemlye, Eszter, Klučková, Kristína, Bucová, Mária. IGF2 receptor v patogenéze idiopatickej pľúcnej fibrózy, korelácia s TGFbeta a DLCO. SIGN-UKO LF IU/21 In: Respiro: časopis pre kontinuálne vzdelávanie v pneumológii a ftizeológii. Trenčín: Q-EX, 2021, Roč. 19, č. 3, s. 15-17 [tlačaná forma]. ISSN 1335-3985. [slovenčina]

**AFD\_002** Zsemlye, Eszter, Leksa, Vladimír, Suchánková, Magda, Urban, Ján, Gánovská, Martina, Tibenská, Elena, Szaboová, Kinga, Tedlová, Eva, Sándor, František, Majer, Ivan, Klučková, Kristína, Bucová, Mária. Úloha IGF2R v patogenéze difúzných parenchýmových pľúcnych chorôb. SIGN-UKO LF IU/21 In: Respiro: časopis pre kontinuálne vzdelávanie v pneumológii a ftizeológii. Trenčín: Q-EX, 2021, Roč. 19, č. 3, s. 11-14 [tlačaná forma]. ISSN 1335-3985. [slovenčina]

#### **AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií**

##### **Počet výstupov: 1**

**AFG\_001** Urban, Ján, Suchánková, Magda, Gánovská, Martina, Leksa, Vladimír, Sándor, František, Tedlová, Eva, König, Brian, Bucová, Mária. The role of CX3CL1 and ADAM17 in pathogenesis of diffuse parenchymal lung diseases [elektronický dokument]. DOI 10.3390/diagnostics11061074. SIGN-UKO LF

IU/21. SIGN-UKO PR 1083/21 In: European Respiratory Journal: official journal of the European Respiratory Society. Sheffield: European Respiratory Society, 2021, Roč. 58, č. Suppl. 65, abstr. no. PA3277, s. [1-1] [tlačaná forma] [online]. ISSN 0903-1936. ISSN (online) 1399-3003. [https://erj.ersjournals.com/content/58/suppl\\_65/PA3277](https://erj.ersjournals.com/content/58/suppl_65/PA3277). <https://www.webofscience.com/wos/woscc/full-record/WOS:000665555400001>. <https://www.scopus.com/record/display.uri?eid=2-s2.0-85108869060&origin=resultslst>. [angličtina]

### **AFH Abstrakty príspevkov z domácich vedeckých konferencií**

**Počet výstupov: 2**

**AFH\_001** Suchánková, Magda, Leksa, Vladimír, Urban, Ján, Gánovská, Martina, Tibenská, Elena, Szaboová, Kinga, Tedlová, Eva, Sándor, František, Majer, Ivan, Zsemlye, Eszter, Klučková, Kristína, Bucová, Mária. U pacientov s idiopatickou pľúcnou fibrózou. SIGN-UKO LF IU/21 In: Klinická imunológia a alergológia. Bratislava: Slovenská spoločnosť pre alergológiu a klinickú imunológiu, 2021, Roč. 31, č. 3, s. 37-37 [tlačaná forma]. ISSN 1335-0013. [slovenčina]

**AFH\_002** Zsemlye, Eszter, Bucová, Mária, Suchánková, Magda, Urban, Ján, Gánovská, Martina, Tibenská, Elena, Szaboová, Kinga, Tedlová, Eva, Sándor, František, Majer, Ivan, Klučková, Kristína, Leksa, Vladimír. Analýza IGF2R v bronchoaveolárnej laváži a jeho úloha v patogenéze difúzných parenchýmových pľúcnych chorôb. SIGN-UKO LF IU/21 In: Klinická imunológia a alergológia. Bratislava: Slovenská spoločnosť pre alergológiu a klinickú imunológiu, 2021, Roč. 31, č. 3, s. 39-39 [tlačaná forma]. ISSN 1335-0013. [slovenčina]

### **BEF Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných)**

**Počet výstupov: 1**

**BEF\_001** Urban, Ján, Suchánková, Magda, Gánovská, Martina, Tedlová, Eva, Sándor, František, Leksa, Vladimír, König, Brian. Úloha CX3CL1 a ADAM17 v patogenéze difúzných parenchýmových pľúcnych chorôb. SIGN-UKO LF IU/21 In: Zborník vedeckých prác doktorandov Lekárskej fakulty Univerzity Komenského v Bratislave. Bratislava: Univerzita Komenského v Bratislave. Lekárska fakulta UK, 2021, s. 26-30 [online]. [https://www.fmed.uniba.sk/fileadmin/lf/veda/svoc/Zborniky/2021\\_zbornik.pdf](https://www.fmed.uniba.sk/fileadmin/lf/veda/svoc/Zborniky/2021_zbornik.pdf). [slovenčina]

### **BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie...)**

**Počet výstupov: 2**

**BFA\_001** Vičíková, Kristína, Petrovčíková, Eva, Maňka, Peter, Drach, Johannes, Stockinger, Hannes, Leksa, Vladimír. Serum and urinary levels of CD222 in cancer: origin and diagnostic value. SIGN-UKO PR 185/18 In: 14th YSA PhD-Symposium. Viedeň: [s.n.], 2018, s. 60-60 [online]. [https://ysa.meduniwien.ac.at/fileadmin/ysa/Symposium/2018/14th\\_YSA\\_Symposium\\_2018\\_Poster\\_Abstracts\\_Ver3.pdf](https://ysa.meduniwien.ac.at/fileadmin/ysa/Symposium/2018/14th_YSA_Symposium_2018_Poster_Abstracts_Ver3.pdf). [angličtina]

**BFA\_002** Vičíková, Kristína, Petrovčíková, E., Maňka, P., Drach, J., Stockinger, H., Leksa, Vladimír. Serum and urinary levels of CD222 in cancer diseases: origin and diagnostic value. SIGN-UKO PR 750/18 In: ECI 2018: Abstract Book. Vienna: Wiener Medizinische Akademie, 2018, s. 249-249 [online]. [https://www.eci2018.org/fileadmin/user\\_upload/documents/ECI\\_2018\\_Abstract\\_Book\\_web\\_21082018.pdf](https://www.eci2018.org/fileadmin/user_upload/documents/ECI_2018_Abstract_Book_web_21082018.pdf). [angličtina]

### **BFB Abstrakty odborných prác z domácich podujatí (konferencie...)**

**Počet výstupov: 1**

**BFB\_001** Vičíková, Kristína, Petrovčíková, Eva, Maňka, Peter, Drach, Johannes, Stockinger, Hannes, Leksa, Vladimír. Serum and urinary levels of CD222 in cancer: origin and diagnostic value. SIGN-UKO PR 185/18 In: Molecular determinants of T-cell immunity: 13th EFIS-EJI Tatra Immunology Conference. [s.l.]: [s.n.], 2018, s. [1-1] [online]. [angličtina]

### **GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup**

**Počet výstupov: 1**

**GHG\_001** Medo, Matúš, Šuster, Martin, Boďová, Katarína, Bražinová, Alexandra, Brejová, Bronislava, Kollár, Richard, Leksa, Vladimír, Lindbloom, Jana, Nosek, Jozef, Vinař, Tomáš. Technical Comment on The impact of population-wide rapid antigen testing on SARS-CoV-2 prevalence in Slovakia [elektronický

dokument]. SIGN-UKO MF21-0670. SIGN-UKO LF UE/21. SIGN-UKO PR 900/21 In: arXiv.org. New York: Cornell University Press. Cornell University Library, 2021, art. no. arXiv:2105.13633 [q-bio.PE], s. [1-8] [online]. ISSN (online) 2331-8422. <https://arxiv.org/abs/2105.13633>. [angličtina]

### **Štatistika záznamov**

#### **Štatistika záznamov indexovaných v databázach Current Content Connect, Web of Science Core Collection, Scopus a ich podradených databázach:**

##### **Databáza WOS CC. Počet zaznamov spolu: 26**

Hlavná databáza WOS CC: 26

Podradená databáza SCIE: 15

##### **Databáza SCO. Počet zaznamov spolu: 27**

Hlavná databáza SCO: 27

##### **Databáza CCC. Počet zaznamov spolu: 13**

Hlavná databáza CCC: 13

### **Štatistika záznamov**

#### **Podľa kategórie EPC od roku 2022**

Počet všetkých záznamov: 28

V2 - Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka: 1

V3 - Vedecký výstup publikačnej činnosti z časopisu: 24

O3 - Odborný výstup publikačnej činnosti z časopisu: 1

P1 - Pedagogický výstup publikačnej činnosti ako celok: 2

#### **Podľa kategórie EPC do roku 2021**

Počet všetkých záznamov: 15

ADC - Vedecké práce v zahraničných karentovaných časopisoch: 3

ADD - Vedecké práce v domácich karentovaných časopisoch: 2

AFD - Publikované príspevky na domácich vedeckých konferenciách: 2

AFG - Abstrakty príspevkov zo zahraničných vedeckých konferencií: 1

AFH - Abstrakty príspevkov z domácich vedeckých konferencií: 2

BEF - Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných): 1

BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...): 2

BFB - Abstrakty odborných prác z domácich podujatí (konferencie...): 1

GHG - Práce zverejnené spôsobom umožňujúcim hromadný prístup: 1

#### **Podľa kategórie ohlasov**

Počet ohlasovaných záznamov: 13

Počet jedinečných ohlasov: 167

Počet ohlasov zapísaných do roku 2021: 0

Počet ohlasov zapísaných od roku 2022: 167

Z toho bez autocitácií: 167

01 - Citácia v publikácii registrovaná v citačných indexoch: 167

Z toho bez autocitácií: 167

02 - Citácia v publikácii vrátane citácie v publikácii registrovanej v iných databázach okrem citačných indexov: 0

Z toho bez autocitácií: 0

03 - Recenzia a umelecká kritika v publikácii: 0

Z toho bez autocitácií: 0

#### **Podľa krajiny vydania**

Počet domácich vydání: 12

Počet zahraničných vydání: 31

Počet bez krajiny vydania: 1

#### **Podľa podujatia**

Počet všetkých konferenčných publikácií a príspevkov: 13

Z toho na domácich podujatiach: 8

Z toho na zahraničných podujatiach: 5

### **Podľa projektov**

Počet publikácií s naviazaným projektom: 28

### **Podľa databáz a citačných indexov**

CCC Current Content Connect: 13

CCC Current Content Connect: 13

SCO SCOPUS: 27

SCO SCOPUS: 27

WOS CC Web of Science Core Collection: 26

SCIE Science Citation Index Expanded: 15

WOS CC Web of Science Core Collection: 26

Ostatné: Ostatné: 2

### **Podľa metrik**

AIS: 4

CiteScore: 16

IF: 11

SJR: 16

SNIP: 16

### **Podľa kvartilov**

Počet záznamov s kvartilom AIS: 4

Z toho Q1: 2

Immunology: 1

Respiratory system: 1

Z toho Q2: 2

Immunology: 1

Medicine, general & internal: 1

Počet záznamov s kvartilom JCI: 1

Z toho Q1: 1

Immunology: 1

Počet záznamov s kvartilom JCR: 10

Z toho Q1: 3

Biochemistry & molecular biology: 1

Immunology: 1

Respiratory system: 1

Z toho Q2: 5

Biochemistry & molecular biology: 1

Cell biology: 1

Hematology: 1

Immunology: 3

Medicine, general & internal: 1

Z toho Q4: 2

Biology: 1

Oncology: 1

Počet záznamov s kvartilom Scimago: 9

Z toho Q1: 6

Biochemistry: 1

Cell biology: 1

Immunology: 4

Immunology and allergy: 4

Medicine (miscellaneous): 1

Molecular biology: 1

Pulmonary and respiratory medicine: 1

Z toho Q2: 2

Cell biology: 1

Clinical biochemistry: 1

Z toho Q3: 2

Animal science and zoology: 1

Cancer research: 1

Ecology, evolution, behavior and systematics: 1

Plant science: 1

Z toho Q4: 1

Biochemistry: 1  
Cell biology: 1  
Genetics: 1  
Molecular biology: 1

Výpis ku dňu 14.10.2024  
Elena Butková, Ústredná knižnica – CKIPS, PriF UK