



## Zoznam publikačnej činnosti

**doc. Anna Paul Hrabovská, PhD.**

### **ABA Štúdie charakteru vedeckej monografie v časopisoch a zborníkoch vydané v zahraničných vydavateľstvách**

ABA01 Paul Hrabovská, Anna (aut) [UKOFAFT] (100%): Localization, processing and function of cholinesterases in striatum  
Lit. 215 záz. n.  
In: Striatum: anatomy, functions and role in disease. - New York : Nova Science Publishers, 2012. - S. 1-36 [3,25 AH]. - ISBN 978-1-61942-384-8  
AKK-UKOAF-5214 B

### **ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách**

ABC01 Mysliveček, Jaromír (aut) (70%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Dopamine receptors regulation by non-dopaminergic mechanisms : Chapter 9  
In: Watanabe, A. (Ed.) : Dopamine Research Advances. - New York : Nova Science Publishers, Inc., 2008. - S. 193-208 [1,28 AH]. - ISBN 978-1-60692-764-9  
AKK-UKOAF-5214 B

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

ADC01 Volpicelli-Daley, Laura A. - Paul Hrabovská, Anna [UKOFAFT] - Duysen, Ellen G. - Ferguson, Shawn M. - Blakely, Randy D. - Lockridge, Oksana - Levey, Allan I.: Altered striatal function and muscarinic cholinergic receptors in acetylcholinesterase knockout mice  
In: Molecular Pharmacology. - Vol. 64, No. 6 (2003), s. 1309-1316. - ISSN 0026-895X  
AKK-UKOAF-5214 A+  
*Registrované v:* WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) [2003=5.650]  
*Kvartil Q:* wos-jcr -- Q1 [Pharmacology & pharmacy] -- 2003  
*Ohlasy (46):*  
[o1] 2005 ~ Haug, K. H. - Bogen, I. L. - Osmundsen, H. - Walaas, I. - Fonnum, F.: Effects on cholinergic markers in rat brain and blood after short and prolonged administration of donepezil. In: Neurochemical Research, Vol. 30, No. 12, 2005, s. 1520 -- SCI ; SCOPUS  
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- [o1] 2008 ~ Carageorgiou, H. - Sideris, A.C. - Messari, I. - Liakou, C.I. - Tsakiris, S.: *Neuropsychiatric Disease and Treatment*, Vol. 4, No. 4, 2008, s. 699 -- SCI ; SCOPUS
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- [o1] 2008 ~ Schnitzler, A.C. - Lopez-Coviella, I. - Blusztajn, J.K.: *Brain Research*, Vol. 1246, No. 1, 2008, s. 28 -- SCOPUS
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- ADC02 Masson, Patrick - Schopfer, Lawrence M. - Froment, Marie-Thérèse - Debouzy, Jean-Claude - Nachon, Florian - Gillon, Emilie - Lockridge, Oksana - Paul Hrabovská, Anna [UKOFAFT] - Goldstein, Boris N.: Hysteresis of butyrylcholinesterase in the approach to steady-state kinetics  
In: Chemico-Biological Interactions. - Vol. 157, Sp. Iss. (2005), s. 142-152. - ISSN 0009-2797  
AKK-UKOAF-5214 A+
- Registrované v:* WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) [2005=1.968]  
*Kvartil Q:* wos-jcr -- Q2 [Pharmacology & pharmacy] -- 2005  
wos-jcr -- Q3 [Biochemistry & molecular biology] -- 2005  
*Ohlasy (8):*
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ADC03 Paul Hrabovská, Anna [UKOFAFT] - Duysen, Ellen G. - Sanders, J. D. - Murrin, L. C. - Lockridge, Oksana: Delivery of human acetylcholinesterase by adeno-associated virus to the acetylcholinesterase knockout mouse In: *Chemico-Biological Interactions*. - Vol. 157, Sp. Iss. (2005), s. 71-78. - ISSN 0009-2797  
AKK-UKOAF-5214 A+  
*Registrované v:* WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) [2005=1.968]  
*Kvartil Q:* wos-jcr -- Q2 [Pharmacology & pharmacy] -- 2005  
wos-jcr -- Q3 [Biochemistry & molecular biology] -- 2005  
*Ohlasy (5):*  
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[o1] 2014 ~ Tuylu Kucukkilinc, T.: *Turkish Journal of Biochemistry*, Vol. 39, No. 2, 2014, s. 126 - 131 -- SCOPUS  
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ADC04 Paul Hrabovská, Anna [KAUT] [UKOFAFT] - Debouzy, Jean-Claude - Froment, Marie-Thérèse - Devínsky, Ferdinand [UKOFADEKs] - Pauliková, Ingrid [UKOFABM] - Masson, Patrick: Rat butyrylcholinesterase-catalysed hydrolysis of N-alkyl homologues of benzoylcholine In: *FEBS Journal*. - Vol. 273, No. 6 (2006), s. 1185-1197. - ISSN 1742-464X  
AKK-UKOAF-5214 A+  
*Registrované v:* WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) [2006=3.033]  
*Kvartil Q:* wos-jcr -- Q2 [Biochemistry & molecular biology] -- 2006  
*Ohlasy (3):*  
[o1] 2008 ~ Massoulie, J. - Perrier, N. - Noureddine, H. - Liang, D. - Bon, S.: *Chemico-Biological Interactions*, Vol. 175, No. 1-3, 2008, s. 44 -- SCI  
[n1] 2022 zz ~ Kinchen, J.M. - Mohney, R.P. - Pappan, K.L.: *Journal of Proteome Research*, Vol. 21, No. 3, 2022, s. 599 - 611 -- SCOPUS  
[n1] 2023 zz ~ Mukhametgalieva, A.R. - Nemtarev, A.V. - Sykaev, V.V. - Pashirova, T.N. - Masson, P.: Activation/Inhibition of Cholinesterases by Excess Substrate: Interpretation of the Phenomenological b Factor in Steady-State Rate Equation. In: *International Journal of Molecular Sciences*, Vol. 24, No. 13, 2023, art. no. 10472 -- SCOPUS

ADC05 Dobbertin, Alexandre (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (60%) - Dembele, Korami (aut) (5%) - Camp, Shelley (aut) (5%) - Taylor, Palmer (aut) (5%) - Krejci, Eric (aut) (10%) - Bernard, Véronique (aut) (5%): Targeting of acetylcholinesterase in neurons in vivo: a dual processing function for the proline-rich membrane anchor subunit and the attachment domain on the catalytic subunit In: *Journal of Neuroscience*. - Vol. 29, No. 14 (2009), s. 4519-4530. - ISSN 0270-6474  
AKK-UKOAF-5214 A+  
*Registrované v:* WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) 2009=7,178 [2012-6,908]  
*Kvartil Q:* wos-jcr -- Q1 [Neurosciences] -- 2009  
*Ohlasy (27):*



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- [o1] 2015 ~ Hildebrand, M.S. - Tankard, R. - Gazina, E.V. - Damiano, J.A. - Lawrence, K.M. - Dahl H., H.M. - Regan, B.M. - Shearer, A.E. - Smith, R.J.H. - Marini, C. - Guerrini, R. - Labate, A. - Gambardella, A. - Tinuper, P. - Lichetta, L. - Baldassari, S. - Bisulli, F. - Pippucci, T. - Scheffer, I.E. - Reid, C.A. - Petrou, S. - Bahlo, M. - Berkovic S.F.: *Annals of Clinical and Translational Neurology*, Vol. 2, No. 8, 2015, s. 830 -- SCOPUS
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- [n1] 2022 zz ~ Muramatsu, I. - Uwada, J. - Chihara, K. - Sada, K. - Wang, M.H. - Yazawa, T. - Taniguchi, T. - Ishibashi, T. - Masuoka, T.: *Journal of Neurochemistry*, Vol. 160, No. 3, 2022, s. 342 - 355 -- SCOPUS
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- [n1] 2022 zz ~ Nosaka, D. - Wickens, J.R.: *Molecules*, Vol. 27, No. 4, 2022, art. no. 1202 -- SCOPUS
- [n1] 2022 zz ~ Gaviria, M.I. - Barrientos, K. - Arango, J. P. - Cano, J.B. - Pe?uela, G. A.: *Frontiers in Environmental Science*, Vol.10, 2022, art. no. 825112 -- SCOPUS
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ADC06 Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (40%) - Farár, Vladimír (aut) (10%) - Bernard, Véronique (aut) (10%) - Duysen, Ellen G. (aut) (10%) - Brabec, Jiří (aut) (10%) - Lockridge, Oksana (aut) (10%) - Mysliveček, Jaromír (aut) (10%): Drastic decrease in dopamine receptor levels in the striatum of acetylcholinesterase knock-out mouse

In: Chemico-Biological Interactions. - Vol. 183, No. 1 (2010), s. 194-201. - ISSN 0009-2797

AKK-UKOAF-5214 A+

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2010=2,832

*Kvartil Q:* wos-jcr -- Q2 [Biochemistry & molecular biology] -- 2010

wos-jcr -- Q2 [Pharmacology & pharmacy] -- 2010

*Ohlasy (5):*

[o1] 2010 ~ Witten, I.B. - Lin, S.C. - Brodsky, M. - Prakash, R. - Diester, I. - Anikeeva, P. - Gradinaru, V. - Ramakrishnan, C. - Deisseroth, K.: Science, Vol. 330, No. 6011, 2010, s. 1681 -- SCOPUS; SCI

[o1] 2011 ~ Abreu-Villaça, Y. - Filgueiras, C.C. - Manhaes, A.C.: Behavioural Brain Research, Vol. 221, No. 2, 2011, s. 378 -- SCOPUS; SCI

[o1] 2011 ~ Havekes, R. - Abel, T. - Van der Zee, E.A.: Behavioural Brain Research, Vol. 221, No. 2, 2011, s. 423 -- SCOPUS; SCI

[o1] 2010 ~ Henderson, Z. - Matto, N. - John, D. - Nalivaeva, N.N. - Turner, A.J.: Brain Research, Vol. 1344, 2010, s. 42 -- SCI; SCOPUS

[o1] 2015 ~ Yi, Y.M. - Cai, L. - Shao, Y. - Xu, M. - Yi, J.L.: International Journal of Ophthalmology, Vol. 8, No. 5, 2015, s. 884 - 890 -- SCOPUS

ADC07 Bernard, Véronique (aut) (2%) - Girard, Emmanuelle (aut) (2%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (88%) - Camp, Shelley (aut) (2%) - Taylor, Palmer (aut) (2%) - Plaud, Benoit (aut) (2%) - Krejci, Eric (aut) (2%): Distinct localization of collagen Q and PRiMA forms of acetylcholinesterase at the neuromuscular junction

In: Molecular and Cellular Neuroscience. - Vol. 46, No. 1 (2011), s. 272-281. - ISSN 1044-7431

AKK-UKOAF-5214 A+

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2011=3,663

*Kvartil Q:* wos-jcr -- Q2 [Neurosciences] -- 2011

*Ohlasy (16):*

[o1] 2011 ~ Singhal, N. - Martin, P.T.: Developmental Neurobiology, Vol. 71, No. 11, 2011, s. 1005 -- SCI

[o1] 2011 ~ Valle, A.M. - Radic, Z. - Rana, B.K. - Mahboubi, V. - Wessel, J. - Shih, P.A.B. - Rao, F.W. - O'Connor, D.T. - Taylor, P.: Journal of Pharmacology and Experimental Therapeutics, Vol. 338, No. 1, 2011, s. 133 -- SCI

[o1] 2016 ~ Blotnick, E. - Anglister, L.: Neuroscience, Vol. 319, 2016, s. 232 -- SCOPUS

[o1] 2017 ~ Ceylan, H. - Erdogan, O.: Turkish Journal of Biology, Vol. 41, No. 1, 2017, s. 87 -- SCOPUS

[o1] 2017 ~ Dunant, Y. - Gisiger V.: Molecules, Vol. 22, No. 8, 2017, art. no. 1300 -- SCOPUS

[o1] 2017 ~ Mis, K. - Grubic, Z. - Lorenzon, P. - Sciancalepore, M. - Mars, T. - Pirkmajer, S.: Molecules, Vol. 22, No. 9, 2017, art. no. 1418 -- SCOPUS

[o1] 2018 ~ Legay, C.: Annals of the New York Academy of Sciences, Vol. 1413, No. 1, 2018, s. 110 -- SCOPUS

[o1] 2018 ~ Howard, J.F.: Annals of the New York Academy of Sciences, Vol. 1412, No. 1, 2018, s. 128 -- SCOPUS

[o1] 2018 ~ Petrov, K.A. - Nikolsky, E.E. - Masson, P.: Frontiers in Pharmacology, Vol. 9, 2018, art. no. 766 - SCOPUS



- [o1] 2018 ~ Blotnick-Rubin, E. - Anglister, L.: *Frontiers in Molecular Neuroscience*, Vol. 11, 2018, art. no. 123 -- SCOPUS
- [n1] 2021 zz ~ Lee, J.D. - Woodruff, T.M.: *Seminars in Immunopathology*, Vol. 43, No. 6, 2021, s. 817 - 828 -- SCOPUS
- [n1] 2022 zz ~ Yedji, R.S. - Sohm, B. - Salnot, V. - Guillonneau, F. - Cossu-Leguille, C. - Battaglia, E.: *International Journal of Molecular Sciences*, Vol. 23, No. 24, 2022, art. no. 16060 -- SCOPUS
- [o1] 2020 ~ Blumer, R. - Streicher, J. - Carrero-Rojas, G. - Calvo, P.M. - de la Cruz, R.R. - Pastor, A.M.: *Investigative Ophthalmology and Visual Science*, Vol. 61, No. 14, 2020, art. no. 31 -- SCOPUS
- [o1] 2019 ~ Salazar, P.B. - Dupuy, F. G. - de Athayde Moncorvo Collado, A. - Minahk, C.J.: *Biochimica et Biophysica Acta - Biomembranes*, Vol. 1861, No. 1, 2019, s. 170 - 177 -- SCOPUS
- [o1] 2014 ~ Montenegro, M.F. - Nieto-Cerón, S. - Cabezas-Herrera, J. - Munoz-Delgado, E. - Campoy, F.J. - Vidal, C.J.: *Journal of Molecular Neuroscience*, Vol. 53, No. 3, 2014, s. 429 - 435 -- SCOPUS
- [n1] 2023 zz ~ Anushree, A. - Ali, M.Z. - Ahsan, J.: *Cholinergic Neurotransmission System: Signaling Pathways and Their Role in Parkinson s Disease*. In: *Neurochemical Systems and Signaling: from Molecules to Networks*. [s.l.] : CRC Press, 2023, S. 93 - 107 -- SCOPUS

ADC08 Farár, Vladimír (aut) (30%) - Mohr, Francizska (aut) (1%) - Legrand, Marie (aut) (1%) - d'Incamps, Lamotte Boris (aut) (1%) - Cendelin, Ján (aut) (1%) - Leroy, Jacqueline (aut) (1%) - Abitbol, Marc (aut) (1%) - Bernard, Véronique (aut) (1%) - Baud, Frédéric (aut) (1%) - Houze, Pascal (aut) (1%) - Klein, Jochen (aut) (1%) - Plaud, Benoit (aut) (1%) - Fournet, Vincent (aut) (1%) - Tůma, Jan (aut) (1%) - Zimmermann, Martin (aut) (1%) - Ascher, Philippe (aut) (1%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%) - Mysliveček, Jaromír (aut) (5%) - Krejci, Eric (aut) (25%): Near-complete adaptation of the PRiMA knockout to the lack of central acetylcholinesterase

In: *Journal of Neurochemistry*. - Vol. 122, No. 5 (2012), s. 1065-1080. - ISSN 0022-3042

AKK-UKOAF-5214 A+

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2012=3,973

*Kvartil Q:* wos-jcr -- Q2 [Biochemistry & molecular biology] -- 2012

wos-jcr -- Q2 [Neurosciences] -- 2012

*Ohlasy (8):*

- [o1] 2016 ~ Garcia-Gomez, B.E. - Fernandez-Gomez, F.J. - Munoz-Delgado, E. - Buee, L. - Blum, D. - Vidal, C.J.: *Journal of Molecular Neuroscience*, Vol. 58, No. 4, 2016, s. 415 -- SCOPUS
- [o1] 2017 ~ Dunant, Y. - Gisiger V.: *Molecules*, Vol. 22, No. 8, 2017, art. no. 1300 -- SCOPUS
- [o1] 2020 ~ Becchetti, A. - Grandi, L.C. - Colombo, G. - Meneghini, S. - Amadeo, A.: *Brain Sciences*, Vol. 10, No. 12, 2020, 20, art. no. 907 -- SCOPUS
- [n1] 2022 zz ~ Nosaka, D. - Wickens, J.R.: *Molecules*, Vol. 27, No. 4, 2022, art. no. 1202 -- SCOPUS
- [n1] 2023 zz ~ Szczurowska, E. - Szánti-Pintér, E. - Chetverikov, N. - Randáková, A. - Kudová, E. - Jakubík, J.: *International Journal of Molecular Sciences*, Vol. 24, No. 1, 2023, art. no. 507 -- SCOPUS
- [o1] 2020 ~ Sarter, M. - Lustig, C.: *Journal of Neuroscience*, Vol. 40, No. 4, 2020, s. 712 - 719 -- SCOPUS
- [o1] 2019 ~ Zhao, B. - Ni, Y. - Tian, X.: *Psychosomatics*, Vol. 60, No. 2, 2019, s. 190 - 196 -- SCOPUS
- [o1] 2014 ~ Lindblom, R.P.F. - Strom, M. - Heinig, M. - Nimer, F. A. - Aeinehband, S. - Berg, A. - Dominguez, C.A. - Vijayaraghavan, S. - Zhang, X.M. - Harnesk, K. - Zelano, J. - Hubner, N.: *Journal of Immunology*, Vol. 192, No. 3, 2014, s.1138 - 1153 -- SCOPUS

ADC09 Kučera, Matej (aut) [KAUT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Molekulové formy cholinesteráz a ich kotviace proteíny = Molecular Forms of Cholin-esterases and Their Anchoring Proteins  
In: *Chemické listy [elektronický dokument]*. - Roč. 107, č. 9 (2013), s. 695-700. - ISSN (print) 0009-2770  
AKK-UKOAF-5214 A-

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2013=0.196

*Kvartil Q:* wos-jcr -- Q4 [Chemistry, multidisciplinary] -- 2013



- ADC10 Targošová, Katarína (aut) (40%) - Obžerová, Lucia (aut) (10%) - Girard, Emmanuelle (aut) (1%) - Krejci, Eric (aut) (9%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (40%): Monoclonal antibodies to mouse butyrylcholinesterase  
In: *Chemico-Biological Interactions*. - Vol. 203, No. 1, Spec. Iss. (2013), s. 348-353. - ISSN 0009-2797  
AKK-UKOAF-5214 A+  
*Registrované v:* WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) 2013=2.982  
*Kvartil Q:* vos-jcr -- Q2 [Biochemistry & molecular biology] -- 2013  
vos-jcr -- Q2 [Pharmacology & pharmacy] -- 2013  
*Ohlasy (1):*  
[o1] 2016 ~ Peng, H. - Blake, T. A. - Johnson, R.C. - Dafferner, A.J. - Brimijoin, S. - Lockridge, O.: *ACS Omega*, Vol. 1, No. 6, 2016, s. 1182 - 1191 -- SCOPUS
- ADC11 Dingová, Dominika (aut) [UKOFAFT] (45%) - Leroy, Jacqueline (aut) (2%) - Check, Abel (aut) (1%) - Garaj, Vladimír (aut) [UKOFAFCH] (5%) - Krejci, Eric (aut) (2%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (45%): Optimal detection of cholinesterase activity in biological samples: Modifications to the standard Ellman s assay  
In: *Analytical Biochemistry*. - Vol. 462 (2014), s. 67-75. - ISSN 0003-2697  
AKK-UKOAF-5214 A+  
*Registrované v:* WOS CC Web of Science Core Collection  
SCOPUS SCOPUS  
*Indikátor časopisu:* IF (JCR) 2014=2.219  
*Kvartil Q:* vos-jcr -- Q2 [Chemistry, analytical] -- 2014  
vos-jcr -- Q3 [Biochemistry & molecular biology] -- 2014  
*Ohlasy (42):*  
[o1] 2016 ~ Yin, L. - Cheng, F.C. - Li, Q.X. - Liu, W.W. - Liu, X.J. - Cao, Z.L. - Shi, D.H.: *Journal of Chemical Research*, Vol. 40, No. 9, 2016, s. 548 -- SCOPUS  
[o1] 2016 ~ Tang, Y. - Liu, S. - Pi, R. - Cheng, Z.: *RSC Advances*, Vol. 6, No. 25, 2016, s. 20875 -- SCOPUS  
[o1] 2017 ~ Thetkathuek, A. - Yenjai, P. - Jaidee, W. - Jaidee, P. - Sriprapat, P.: *Journal of Agromedicine*, Vol. 22, No. 2, 2017, s. 130 -- SCOPUS  
[o1] 2017 ~ Cherif-Sayadi, A. - Ayed-Tka, K.H. - Zaouali, M.A. - Bejaoui, M. - Hadj-Abdallah, N. - Bouhlel, A. - Abdennebi, H.B.: *Libyan Journal of Medicine*, Vol. 12, No. 1, 2017, art. no.1308780 -- SCOPUS  
[o1] 2018 ~ Petrov, K. - Zueva, I. - Kovyazina, I. - Sedov, I. - Lushchekina, S. - Kharlamova, A. - Lenina, O. - Koshkin, S. - Shtyrlin, Y. - Nikolsky, E. - Masson, P.: *Neuropharmacology*, Vol. 131, 2018, s. 315 -- SCOPUS  
[o1] 2018 ~ Petrov, K.A. - Kharlamova, A.D. - Lenina, O.A. - Nurtdinov, A.R. - Sitdykova, M.E. - Ilyin, V.I. - Zueva, I.V. - Nikolsky, E.E.: *Scientific Reports*, Vol. 8, No. 1, 2018, art. no. 304 -- SCOPUS  
[o1] 2018 ~ Ciriello, R. - Lo Magro, S. - Guerrieri, A.: *Analyst*, Vol. 143, No. 4, 2018, s. 929 -- SCOPUS  
[o1] 2017 ~ Yoon, J.Y. - Kim, D.H. - Kim, S. - Kim, D. - Jo, G. - Shin, M.S. - Yoo, J. - Kang, H.K. - Kim, M.S. - Kim, Y.J. - Lee, N.T. - Hong, H.J. - Kim, Y.W.: *Biotechnology and Bioprocess Engineering*, Vol. 22, No. 2, 2017, s. 119 -- SCOPUS  
[o1] 2018 ~ Shetab-Boushehri, S.V.: *EXCLI Journal*, Vol. 17, 2018, s. 799 -- SCOPUS  
[o1] 2019 ~ Dubrovskii, Y. - Murashko, E. - Chuprina, O. - Belyukov, P. - Radilov, A. - Solovyev, N. - Babakov, V.: *Talanta*, Vol. 197, 2019, s. 382 -- SCOPUS  
[o1] 2019 ~ Li, W. - Liu, Q. - Cheng, S. - Li, S. - Zheng, Y.: *Molecules*, Vol. 24, No. 16, 2019, art. no. 2980 -- SCOPUS  
[o1] 2019 ~ Khan, E. - Khan, A. - Gul, Z. - Ullah, F. - Tahir, M.N. - Khalid, M. - Asif, H.M. - Asim, S. - Braga, A.A.C.: *Journal of Molecular Structure*, Vol. 1200, 2019, art. no. 127126 -- SCOPUS  
[o1] 2019 ~ Mukhametgalieva, A.R. - Zueva, I.V. - Aglyamova, A.R. - Lushchekina, S.V. - Masson, P.: *Biochimica et Biophysica Acta - Proteins and Proteomics*, Vol. 1868, No. 1, 2019, art. no. 140270 -- SCOPUS  
[o1] 2020 ~ Buzuyurova, D.N. - Pashirova, T.N. - Zueva, I.V. - Burilova, E.A. - Shaihutdinova, Z.M. - Rizvanov, I.K. - Babaev, V.M. - Petrov, K.A. - Souto, E.B.: *Toxicology*, Vol. 444, 2020, art. no. 152578 -- SCOPUS





- [o1] 2020 ~ Imai, T. - Bahar, F.G. - Ohura, K. - Toda, A.: Journal of Pharmaceutical Sciences, Vol. 109, No. 3, 2020, s. 1417-1420 -- SCOPUS
- [o1] 2020 ~ Jonnalagadda, S.V.R.- Gerace, A.J. - Thai, K. - Johnson, J. - Tsimenidis, K. - Jakubowski, J.M. - Shen, C. - Henderson, K.J. - Tamamis, P. - Gkikas, M.: Journal of Physical Chemistry B, Vol. 124, No. 3, 2020, s. 487-503 -- SCOPUS
- [o1] 2020 ~ Calas, A.G. - Hanak, A.S. - Jaffre, N. - Nervo, A. - Dias, J. - Rousseau, C. - Courageux, C. - Brazzolotto, X. - Villa, P. - Obrecht, A. - Goossens, J.F. - Landry, C.: Biomolecules, Vol. 10, No.6, 2020, art. no. 858 -- SCOPUS
- [o1] 2021 ~ Ghafour-boroujerdi, E. - Rahmani, S. - Sanadgol, N. - Baeeri, M. - Hassani, S.: Life Sciences, Vol. 281, 2021, art. no. 119766 -- SCOPUS
- [o1] 2021 ~ Wang, Y.-X. - Liu, S.-H. - Shao, Z.-B. - Cao, L.-G. - Jiang, K.-J. - Lu, X. - Wang, L. - Liu, W.-W. - Shi, D.-H. - Cao, Z.-L.: Journal of Chemical Research, Vol. 45, No. 5-6, 2021, s. 364 -- SCOPUS
- [o1] 2021 ~ Kukkar, P. - Kukkar, D. - Younis, S.A. - Singh, G. - Singh, P. - Basu, S. - Kim, K.H.: Microchemical Journal, Vol. 166, 2021, art. no. 106242 -- SCOPUS
- [o1] 2021 ~ Rahman, F.U. - Bibi, M. - Khan, E. - Shah, A.B. - Muhammad, M. - Tahir, M.N. - Shahzad, A. - Ullah, F. - Zahoor, M. - Alamery, S. - Batiha, G.E.-S.: Molecules, Vol. 26, No. 15, 2021, art. no. 4506 -- SCOPUS
- [o1] 2021 ~ Obeid, N.J. - Hadwan, M.H.: Analytical Biochemistry, Vol. 631, 2021, art. no. 114365 -- SCOPUS
- [n1] 2021 zz ~ Marques, F. - Mitra, S.K.: ACS Applied Bio Materials, Vol. 4, No. 12, 2021, s. 8456 - 8465 -- Scopus
- [n1] 2022 zz ~ Hanif, M. - Kosar, N. - Mahmood, T. - Muhammad, M. - Ullah, F. - Tahir, M.N. - Ribeiro, A.I. - Khan, E.: ChemistrySelect, Vol. 7, No. 38, 2022, art. no. e202203386 -- SCOPUS
- [n1] 2022 zz ~ Kuznetsova, D.A. - Gaynanova, G. A. - Vasilieva, E. A. - Pavlov, R. V. - Zueva, I. V. - Babaev, V. M. - Kuznetsov, D. M. - Voloshina, A. D. - Petrov, K. A. - Zakharova, L. Y. - Sinyashin, O. G.: Pharmaceutics, Vol. 14, No. 9, 2022, art. no. 1950 -- SCOPUS
- [n1] 2022 zz ~ Wang, L. - Du, C. - Liu, H. - Qiu, W. - Lu, X. - Hu, Y. - Li, Y. - Sun, T. - Chen, Y. - Sun, H.: Chinese Journal of Chemistry, Vol. 40, No. 11, 2022, s. 1285 - 1292 -- SCOPUS
- [n1] 2022 zz ~ Chen, S. - Li, Z. - Huang, Z. - Jia, Q.: Journal of Materials Chemistry B, Vol. 10, No. 25, 2022, s. 4783 - 4788 -- SCOPUS
- [n1] 2022 zz ~ Piletsky, S.A. - Bedwell, T.S. - Paoletti, R. - Karim, K. - Canfarotta, F. - Norman, R. - Jones, D.J. L. - Turner, N.W. - Piletska, E. V.: Journal of Materials Chemistry B, Vol. 10, No. 35, 2022, s. 6732 - 6741 -- SCOPUS
- [n1] 2022 zz ~ Semenov, V.E. - Zueva, I.V. - Lushchekina, S.V. - Suleimanov, E.G. - Gubaidullina, L.M. - Shulaeva, M.M. - Lenina, O.A. - Petrov, K.A.: Molecules, Vol. 27, No. 22, 2022, art. no. 7855 -- SCOPUS
- [o1] 2020 ~ Baruah, P. - Islam, M.M. - Aguan, K. - Mitra, S.: Efficiency and modulation of anti-acetylcholinesterase activity: an in-vitro study on selected FDA approved Alzheimer drugs. In: Advances in Health and Disease: Vol. 22 No. 22. s.l. : Nova Science Publ., 2020, S. 1 - 50 -- SCOPUS
- [o1] 2018 ~ De A Cavalcante, S.F. - Kitagawa, D. A.S. - Rodrigues, R.B. - Cardozo, M. - De Paula, R.L. - Correa, A.B. De A. - Simas, A.B.C.: Quimica Nova, Vol. 41, No. 10, 2018, s. 1192 - 1195 -- SCOPUS
- [o1] 2018 ~ Whitmore, C. - Cook, A.R. Mann, T. - Price, M.E. - Emery, E. - Roughley, N. - Flint, D. - Stubbs, S. - Armstrong, S.J. - Rice, H. - Tattersall, J.E.H.: Toxicology Letters, Vol. 293, 2018, s. 207 - 215 -- SCOPUS
- [o1] 2017 ~ Thetkathuek, A. - Yenjai, P. - Jaidee, W. - Jaidee, P. - Sriprapat, P.: Journal of Agromedicine, Vol. 22, No. 2, 2017, s. 118 - 130 -- SCOPUS
- [o1] 2015 ~ Chtourou, Y. - Slima, A.B. - Gdoura, R. - Fetoui, H.: Neurochemical Research, Vol. 40, No. 8, 2015, s. 1563 - 1575 -- SCOPUS
- [n1] 2023 zz ~ Yuan, W. - Wan, C. - Zhang, J. - Li, Q. - Zhang, P. - Zheng, K. - Zhang, Q. - Ding, C.: Near-infrared ratiometric fluorescent strategy for butyrylcholinesterase activity and its application in the detection of pesticide residue in food samples and biological imaging. In: Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, Vol. 297, 2023, art. no. 122719 -- SCOPUS
- [n1] 2023 zz ~ Hanif, M. - Noor, A. - Muhammad, M. - Ullah, F. - Tahir, M.N. - Khan, G.S. - Khan, E.: Complexes of 2-Amino-3-methylpyridine and 2-Amino-4-methylbenzothiazole with Ag(I) and Cu(II): Structure and Biological Applications. In: Inorganics, Vol. 11, No. 4, 2023, art. no. 152 -- SCOPUS



- [n1] 2023 zz ~ Holmes, R. - Yang, X.B. - Wood, D.J. - Tronci, G.: A Photoclick Thiol-Ene Collagen-Based Hydrogel Platform for Skeletal Muscle Tissue Engineering. In: *Macromolecular Materials and Engineering*, Vol.308, No. 8, 2023, art. no.2300029 -- SCOPUS
- [n1] 2023 zz ~ de Oliveira, P.C.O. - Tinoco, L.W. - Cardoso, C.L. - Cass, Q.B. - de Moraes, M.C.: Advances in screening assays for identifying cholinesterase ligands. In: *TrAC - Trends in Analytical Chemistry*, Vol. 168, 2023, art. no. 117362-- SCOPUS
- [n1] 2024 zz ~ Shi, W. - Han, W. - Liao, Y. - Wen, J. - Zhang, G.: Inhibition mechanism of fisetin on acetylcholinesterase and its synergistic effect with galantamine. In: *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, Vol. 305, 2024, art. no. 123452 -- SCOPUS
- [n1] 2023 zz ~ Shi, W. - Zhang, G. - Liao, Y. - Fei, X. - Gong, D. - Hu, X.: Anti-acetylcholinesterase mechanism of kaempferol and its synergistic effect with galanthamine hydrobromide. In: *Food Bioscience*, Vol. 56, 2023, art. no. 103174 --SCOPUS
- [n1] 2023 zz ~ Rivero-Wendt, C.L.G. - Fernandes, L.G. - dos Santos, A.N. - Brito, I.L. - dos Santos Jaques, J.A. - dos Santos dos Anjos, E. - Fernandes, C.E.: Effects of Chloramine T on zebrafish embryos malformations associated withcardiotoxicity and neurotoxicity. In: *Journal of Toxicology and Environmental Health - Part A: Current Issues*, Vol. 86, No. 11, 2023, s. 372 - 381 -- SCOPUS
- [n1] 2024 zz ~ Hussein, R.M. - Kandeil, M.A. - Soliman, H.M. - El-Shahawy, A.A.G.: Effect of quercetin-loaded poly (lactic-co-glycolic) acid nanoparticles on lipopolysaccharide-induced memory decline, oxidative stress, amyloidogenesis,neurotransmission, and Nrf2/HO-1 expression. In: *Heliyon*, Vol. 10, No. 1, 2024, art. no. e23527 -- SCOPUS

ADC12 Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (95%) - Krejci, Eric (aut) (5%): Reassessment of the role of the central cholinergic system

In: *Journal of Molecular Neuroscience*. - Vol. 53, No. 3 (2014), s. 352-358. - ISSN (print) 0895-8696

AKK-UKOAF-5214 A

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2014=2.343

*Kvartil Q:* wos-jcr -- Q3 [Biochemistry & molecular biology] -- 2014

wos-jcr -- Q3 [Neurosciences] -- 2014

*Ohlasy (4):*

[o1] 2018 ~ Heinrich, P. - Braunbeck, T.: *Toxicology in Vitro*, Vol. 52, 2018, s. 59 -- SCOPUS

[o1] 2018 ~ Guardia-Escote, L. - Basaure, P. - Blanco, J. - Cabré, M. - Pérez-Fernández, C. - Sánchez-Santed, F. - Domingo, J.L. - Colomina, M.T.: *Food and Chemical Toxicology*, Vol. 122, 2018, s. 10 -- SCOPUS

[o1] 2019 ~ Guardia-Escote, L. - Basaure, P. - Peris-Sampedro, F. - Biosca-Brull, J. - Cabré, M. - Sánchez-Santed, F. - Domingo, J.L. - Colomina, M.T.: *Behavioural Brain Research*, Vol. 376, 2019, art. no. 112195 -- SCOPUS

[n1] 2022 zz ~ Adedara, I.A. - Souza, T.P. - Canzian, J. - Olabiyi, A. A. - Borba, J.V. - Biasuz, E. - Sabadin, G.R. - Goncalves, F.L. - Costa, F.V. - Schetinger, M.R.C. - Farombi, E. O. - Rosemberg, D.B.: *Ecotoxicology and Environmental Safety*, Vol.239, 2022, art. no. 113635 -- SCOPUS

ADC13 Čorejová, Adela (aut) (35%) - Jánošíková, Daniela (aut) (5%) - Pospíšilová, Veronika (aut) (5%) - Rauová, Drahomíra (aut) [UKOFAA] (10%) - Kyselovič, Ján (aut) [UKOLF] (10%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (35%): Cessation ofnocturnal enuresis after intervention with methylcobalamin in an 18-year-old patient with autism

In: *Journal of Child and Adolescent Psychopharmacology*. - Vol. 25, No. 10 (2015), s. 821-823. - ISSN 1044-5463

AKK-UKOAF-5214 A+

*Registrované v:* WOS CC Web of Science Core Collection

SCO SCOPUS

*Indikátor časopisu:* IF (JCR) 2015=2,149

*Kvartil Q:* wos-jcr -- Q2 [Pediatrics] -- 2015

wos-jcr -- Q3 [Pharmacology & pharmacy] -- 2015

wos-jcr -- Q3 [Psychiatry] -- 2015



*Ohlasy (3):*

[o1] 2018 ~ Delhey, L.M. - Tippett, M. - Rose, S. - Bennuri, S.C. - Slattery, J.C. - Melnyk, S. - Jill James, S. - Frye, R.E.: *Frontiers in Neuroscience*, vol. 12, 2018, art. no. 19 -- SCI ; SCOPUS

[o1] 2021 ~ Rossignol, D.A. - Frye, R.E.: *Journal of Personalized Medicine*, vol. 11, no. 8, 2021, art. no. 784 -- SCI ; SCOPUS

[n1] 2023 zz ~ Kompani, F. - Barati, L. - Mehrjerdian, M. - Vakili, M. - Nodehsharifi, A.: Folic Acid and Vitamin B12 Deficiency, Two New Findings in Pediatric Enuresis. In: *Iranian Journal of Pediatrics*, Vol. 33, No. 2, 2023, art. no. e129308-- SCI ; SCOPUS

ADC14 Peng, Hua (aut) (5%) - Brimijoin, Stephen (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (60%) - Targošová, Katarína (aut) (5%) - Krejci, Eric (aut) (5%) - Blake, Thomas A. (aut) (5%) - Johnson, Rudolph C. (aut) (5%) - Masson, Patrick (aut) (5%) - Lockridge, Oksana (aut) (5%): Comparison of 5 monoclonal antibodies for immunopurification of human butyrylcholinesterase on Dynabeads: K-D values, binding pairs, and amino acid sequences

In: *Chemico-Biological Interactions*. - Vol. 240 (2015), s. 336-345. - ISSN 0009-2797

AKK-UKOAF-5214 A+

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2015=2.618

*Kvartil Q:* wos-jcr -- Q2 [Pharmacology & pharmacy] -- 2015

wos-jcr -- Q3 [Biochemistry & molecular biology] -- 2015

*Ohlasy (10):*

[o1] 2016 ~ Gabdrakhmanov, D.R. - Samarkina, D.A. - Semenov, V.E. - Saifina, L.F. - Valeeva, F.G. - Reznik, V.S. - Zakharova, L.Y.: *Phosphorus, Sulfur and Silicon and the Related Elements*, Vol. 191, No. 11-12, 2016, s. 1675 -- SCOPUS

[o1] 2018 ~ Bonichon, M. - Valbi, V. - Combès, A. - Desoubries, C. - Bossée, A. - Pichon, V.: *Analytical and Bioanalytical Chemistry*, Vol. 410, No. 3, 2018, s. 1051 -- SCOPUS

[o1] 2018 ~ Prasad, M. - Lambe, U.P. - Brar, B. - Shah, I. - J, M. - Ranjan, K. - Rao, R. - Kumar, S. - Mahant, S. - Khurana, S.K. - Iqbal, H.M.N. - Dhama, K. - Misri, J. - Prasad, G.: *Biomedicine and Pharmacotherapy*, Vol. 97, 2018, s. 1537 -- SCOPUS

[o1] 2018 ~ Lushchekina, S.V. - Schopfer, L.M. - Grigorenko, B.L. - Nemukhin, A.V. - Varfolomeev, S.D. - Lockridge, O. - Masson, P.: *Frontiers in Pharmacology*, Vol. 9, 2018, art. no. 211 -- SCOPUS

[n1] 2022 zz ~ Mohamed, N.A. - Marei, I. - Crovella, S. - Abou-Saleh, H.: *International Journal of Molecular Sciences*, Vol. 23, No. 3, 2022, art. no. 1404 -- SCOPUS

[o1] 2020 ~ Naik, R.S. - Belinskaya, T. - Vinayaka, C.R. - Saxena, A.: *Chemico-Biological Interactions*, Vol. 330, 2020, art. no. 109225 -- SCOPUS

[o1] 2021 ~ Torano, A. - Moreno, I. - Infantes, J.A. - Domínguez, M.: *Journal of Immunological Methods*, Vol. 493, 2021, art. no. 113042 -- SCOPUS

[o1] 2019 ~ Kumar, A. - Roy, S. - Srivastava, A. - Naikwade, M.M. - Purohit, B. - Kuldeep Mahato, V.G.M. - Naidu, P. C.: Chapter 10 - Nanotherapeutics: A Novel and Powerful Approach in Modern Healthcare System. In: *Nanotechnology in Modern Animal Biotechnology: Concepts and Applications*. St. Louis : Elsevier, 2019, S. 149 - 161 -- SCOPUS

[o1] 2017 ~ Bonichon, M. - Combès, A. - Desoubries, C. - Bossée, A. - Pichon, V.: *Journal of Chromatography A*, Vol. 1526, 2017, s. 70 - 81 -- SCOPUS

[n1] 2023 zz ~ Belinskaya, T. - Saxena, A.: Low levels of endogenous cholinesterases support the choice of cows, sheep and goats for the transgenic expression of human butyrylcholinesterase in milk. In: *Chemico-Biological Interactions*, Vol.383, 2023, art. no. 110691 -- SCOPUS

ADC15 Dingová, Dominika (aut) [UKOFAFT] (20%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (20%) - Okuliarová, Petra (aut) (15%) - Štrbová, Jaroslava (aut) (15%) - Kučera, Matej (aut) (15%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (15%): Low plasmacholinesterase activities are associated with deficits in spatial orientation, reduced ability to perform basic activities of daily living, and low body mass index in patients with progressed Alzheimer's disease

In: *Journal of Alzheimer's Disease*. - Vol. 51, No. 3 (2016), s. 801-813. - ISSN (print) 1387-2877



**AKK-UKOAF-5214 A+**

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2016=3.731

*Kvartil Q:* wos-jcr -- Q2 [Neurosciences] -- 2016

*Ohlasy (9):*

[o1] 2016 ~ Dumurgier, J. - Dartigues, J.F. - Gabelle, A. - Paquet, C. - Prevot, M. - Hugon, J. - Tzourio, C.: Journal of Alzheimer's Disease, Vol. 53, No. 4, 2016, s. 1418 -- SCI; SCOPUS

[o1] 2017 ~ Dong, M.X. - Xu, X.M. - Hu, L. - Liu, Y. - Huang, Y.J. - Wei, Y.D.: BioMed Research International, Vol. 2017, 2017, art. no. 1524107 -- SCOPUS

[o1] 2018 ~ Kozlova, D.I. - Kochkina, E.G. - Dubrovskaya, N.M. - Zhuravin, I.A. - Nalivaeva, N.N.: Neurochemical Journal, Vol. 12, No. 2, 2018, s. 167 -- SCI

[o1] 2020 ~ Pena-Bautista, C. - Flor, L. - López-Nogueroles, M. - García, L. - Ferrer, I. - Baquero, M. - Vento, M. - Cháfer-Pericás, C.: Clinica Chimica Acta, Vol. 500, 2020, s. 240 -- SCOPUS

[o1] 2020 ~ Guo, Z. - Zhang, P. - Luo, Y. - Xie, H.Q. - Chakraborty, S. - Monikh, F.A. - Bu, L. - Liu, Y. - Ma, Y. - Zhang, Z. - Valsami-Jones, E. - Zhao, B. - Lynch, I.: Nano Today, Vol. 35, 2020, art. no. 100977 -- SCOPUS

[o1] 2020 ~ Nurulain, S.M. - Adem, A. - Munir, S. - Habib, R.7 - Awan, S. - Anwar, F. - Batool, S.: Neurophysiology, Vol. 52, No. 2, 2020, s. 158 -- SCOPUS

[o1] 2020 ~ de Oliveira Silva, F. - Ferreira, J.V. - Plácido, J. - Deslandes, A.C.: IBRO Reports, Vol. 9, 2020, s. 57 -- SCOPUS

[n1] 2022 zz ~ Awan, S. - Hashmi, A.N. - Taj, R. - Munir, S. - Habib, R. - Batool, S. - Azam, M. - Qamar, R. - Nurulain, S.M.: Biochemical Genetics, Vol. 60, No.2, 2022, s. 720 - 737 -- SCOPUS

[n1] 2022 zz ~ Plácido, J. - Ferreira, J. V. - de Oliveira Silva, F. - Ferreira, R.B. - Guimarães, C. - de Carvalho, A.N. - Laks, J. - Deslandes, A.C.: Journal of Aging and Physical Activity, Vol. 30, No. 5, 2022, s. 872 - 879 -- SCOPUS

ADC16 Peng, Hong (aut) (14%) - Brimijoin, Stephen (aut) (12%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (14%) - Krejci, Eric (aut) (12%) - Blake, Thomas A. (aut) (12%) - Johnson, Rudolph C. (aut) (12%) - Masson, Patrick (aut) (12%) - Lockridge, Oksana(aut) (12%): Monoclonal antibodies to human butyrylcholinesterase reactive with butyrylcholinesterase in animal plasma

In: Chemico-Biological Interactions. - Vol. 243 (2016), s. 82-90. - ISSN 0009-2797

**AKK-UKOAF-5214 A+**

*Registrované v:* WOS CC Web of Science Core Collection

*Indikátor časopisu:* IF (JCR) 2016=3.143

*Kvartil Q:* wos-jcr -- Q2 [Pharmacology & pharmacy] -- 2016

wos-jcr -- Q2 [Biochemistry & molecular biology] -- 2016

*Ohlasy (10):*

[o1] 2016 ~ Langston, J.L. - Myers, T.M.: Toxicology Letters, Vol. 264, 2016, s. 19 -- SCOPUS

[o1] 2020 ~ Tsatsakis, A. - Petrakis, D. - Nikolouzakis, T.K. - Docea, A.O. - Calina, D. - Vinceti, M. - Goumenou, M. - Kostoff, R.N. - Mamoulakis, C. - Aschner, M. - Hernández, A.F.: Food and Chemical Toxicology, Vol. 141, 2020, art. no.111418

[o1] 2021 ~ Lumley, L. - Du, F. - Marrero-Rosado, B. - Stone, M. - Keith, Z.-M. - Schultz, C. - Whitten, K. - Walker, K. - Acon-Chen, C. - Wright, L. - Shih, T.M.: Toxicology Reports, Vol. 8, 2021, s. 907 -- SCOPUS

[o1] 2021 ~ Hu, S.X. - Ernst, K. - Benner, C.P. - Feenstra, K.L.: Current Drug Metabolism, Vol. 22, No. 3, 2021, s. 223 -- SCOPUS

[o1] 2020 ~ Naik, R.S. - Belinskaya, T. - Vinayaka, C.R - Saxena, A.: Chemico-Biological Interactions, Vol. 330, 2020, art. no. 109225 -- SCOPUS

[o1] 2020 ~ Goumenou, M. - Renieri, E. A. - Petrakis, D. - Nathanail, A.V. - Kokaraki, V. - Tsatsakis, A.: Chapter 14 - Methods for environmental monitoring of pesticide exposure. In: Exposure and Risk Assessment of Pesticide Use in Agriculture: Approaches: Tools and Advances. London : Academic Press, 2020, S.347 - 387 -- SCOPUS

[o1] 2018 ~ Bonichon, M. - Valbi, V. - Combès, A. - Desoubries, C. - Bossée, A. - Pichon, V.: Analytical and Bioanalytical Chemistry, Vol. 410, No. 3, 2018, s. 1039 - 1051 -- SCOPUS



- [o1] 2017 ~ Xiong, H. - Yang, W.C. - Yang, G.F.: Scientia Sinica Chimica, Vol. 47, No. 8, 2017, s. 933 - 944 - SCOPUS
- [o1] 2016 ~ Bonichon, M. - Combès, A. - Desoubries, C. - Bossée, A. - Pichon, V.: Journal of Chromatography A, Vol. 1461, 2016, s. 84 - 91 -- SCOPUS
- [o1] 2017 ~ Bonichon, M. - Combès, A. - Desoubries, C. - Bossée, A. - Pichon, V.: Journal of Chromatography A, Vol. 1526, 2017, s. 70 - 81 -- SCOPUS
- ADC17 Targošová, Katarína (aut) [KAUT] (34%) - Kučera, Matej (aut) (33%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (33%): Využitie metódy ELISA na štúdium enzýmovej hydrolyzy butyrylcholinesterázy v biologickom materiáli = Using of ELISA Method for Studying Cholinesterase Enzyme Hydrolysis in Biological Materials  
In: Chemické listy [elektronický dokument]. - Vol. 110, No. 6 (2016), s. 452-455. - ISSN (print) 0009-2770  
AKK-UKOAF-5214 A-  
*Registrované v:* WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) 2016=0.387  
*Kvartil Q:* wos-jcr -- Q4 [Chemistry, multidisciplinary] -- 2016
- ADC18 Kiliánová, Zuzana (aut) [KAUT] [UKOFAFT] (20%) - Čížárová, Natália (aut) [UKOFAFT] (20%) - Szmicseková, Kristína (aut) [UKOFAFT] (20%) - Slobodová, Lúbia (aut) (20%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (20%): Expression of cholinesterases and their anchoring proteins in rat heart  
In: Canadian Journal of Physiology and Pharmacology. - Roč. 98, č. 7 (2020), s. 473-476. - ISSN (print) 0008-4212  
AKK-UKOAF-5214 A  
*Registrované v:* WOS CC Web of Science Core Collection  
CCC Current Content Connect  
SCO SCOPUS  
SCIE Science Citation Index Expanded  
*Indikátor časopisu:* IF (JCR) 2020=2,273  
AIS (JCR) 2020=0.446  
*Kvartil Q:* wos-jcr -- Q3 [Physiology] -- 2020  
wos-jcr -- Q4 [Pharmacology & pharmacy] -- 2020  
wos-ais -- Q3 [Pharmacology & pharmacy] -- 2020  
wos-ais -- Q4 [Physiology] -- 2020  
*Ohlasy (2):*  
[o1] 2021 ~ Silman, I.: Progress in Biophysics and Molecular Biology, Vol. 162, 2021, s. 56 -- SCOPUS  
[n1] 2023 zz ~ Prchalova, E. - Kohoutova, Z. - Knittelova, K. - Malinak, D. - Musilek, K.: Strategies for enhanced bioavailability of oxime reactivators in the central nervous system. In: Archives of Toxicology, Vol. 97, No. 11, 2023, s. 2839- 2860 -- SCOPUS
- ADC19 Javorová-Rihová, Zuzana (aut) [UKOFAFT] (45%) - Slobodová, Lúbia (aut) (10%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (45%): Micafungin Is an Efficient Treatment of Multi Drug-Resistant Candida glabrata Urosepsis: A Case Report  
In: Journal of Fungi [elektronický dokument]. - Roč. 7, č. 10 (2021), s. [1-6], art. no. 800 [online]. - ISSN (online) 2309-608X  
AKK-UKOAF-5214 A+  
*Registrované v:* CCC Current Content Connect  
SCO SCOPUS  
WOS CC Web of Science Core Collection  
*Indikátor časopisu:* IF (JCR) 2021=5,724  
AIS (JCR) 2021=1.249  
*Kvartil Q:* wos-jcr -- Q1 [Mycology] -- 2021  
wos-jcr -- Q2 [Microbiology] -- 2021  
wos-ais -- Q2 [Microbiology] -- 2021



wos-ais -- Q1 [Mycology] -- 2021

ADC20 Szmiceková, Kristína (aut) [UKOFAFT] (35%) - Bies Piváčková, Lenka (aut) [UKOFAFT] (15%) - Kiliánová, Zuzana (aut) [UKOFAFT] (5%) - Slobodová, Ľubica (aut) (5%) - Křenek, Peter (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (35%): Aortic Butyrylcholinesterase is Reduced in Spontaneously Hypertensive Rats  
In: Physiological research [elektronický dokument]. - Roč. 70, č. 5 (2021), s. 809-813 [print]. - ISSN (print) 0862-8408  
AKK-UKOAF-5214 A-  
*Registrované v:* CCC Current Content Connect  
WOS CC Web of Science Core Collection  
SCO SCOPUS  
OA Open access  
*Indikátor časopisu:* IF (JCR) 2021=2.139  
AIS (JCR) 2021=0.403  
Nordic List Level (Norwegian Register for Scientific Journals, Series and Publishers) 2016=1  
*Kvartil Q:* wos-jcr -- Q4 [Physiology] -- 2021  
wos-ais -- Q4 [Physiology] -- 2021  
*Ohlasy (1):*  
[n1] 2023 zz ~ Li, D. - Wu, J. - Xiong, X.: The Role of the Acetylcholine System in Common Respiratory Diseases and COVID-19. In: *Molecules*, Vol. 28, No. 3, 2023, art. no. 1139 -- SCOPUS

ADC21 Targošová, Katarína (aut) (20%) - Kučera, Matej (aut) (20%) - Kiliánová, Zuzana (aut) [UKOFAFT] (5%) - Slobodová, Ľubica (aut) (5%) - Szmiceková, Kristína (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (45%): Cardiacnicotinic receptors show beta-subunit-dependent compensatory changes  
In: *American Journal of Physiology - Heart and Circulatory Physiology* [elektronický dokument]. - Roč. 320, č. 5 (2021), s. H1975-H1984 [print]. - ISSN (print) 0363-6135  
AKK-UKOAF-5214 A+  
*Registrované v:* CCC Current Content Connect  
WOS CC Web of Science Core Collection  
SCO SCOPUS  
*Indikátor časopisu:* IF (JCR) 2021=5,125  
AIS (JCR) 2021=1.179  
*Kvartil Q:* wos-jcr -- Q2 [Cardiac & cardiovascular systems] -- 2021  
wos-jcr -- Q2 [Peripheral vascular disease] -- 2021  
wos-jcr -- Q1 [Physiology] -- 2021  
wos-ais -- Q2 [Peripheral vascular disease] -- 2021  
wos-ais -- Q2 [Cardiac & cardiovascular systems] -- 2021  
wos-ais -- Q1 [Physiology] -- 2021

#### **ADD Vedecké práce v domácich karentovaných časopisoch**

ADD01 Pauliková, Ingrid [UKOFABM] - Paul Hrabovská, Anna [UKOFAFT] - Helia, Otto - Devínsky, Ferdinand [UKOFADEKs]: Inter-tissue and inter-species comparison of butyrylcholinesterases  
In: *Biologia*. - Roč. 61, č. 6 (2006), s. 709-712. - ISSN (print) 0006-3088  
AKK-UKOAF-5214 A-  
*Registrované v:* WOS CC Web of Science Core Collection  
SCO SCOPUS  
*Indikátor časopisu:* IF (JCR) 2006=0.213  
*Kvartil Q:* wos-jcr -- Q4 [Biology] -- 2006  
*Ohlasy (2):*  
[o1] 2010 ~ Wiesner, J. - Kriz, Z. - Kuca, K. - Jun, D. - Koca, J.: *Journal of Enzyme Inhibition and Medicinal Chemistry*, Vol. 25, No. 3, 2010, s. 322 -- SCOPUS; SCI



[o1] 2016 ~ Ferreira, A. - Rodrigues, M. - Fortuna, A. - Falcao, A. - Alves, G.: *Phytochemistry Reviews*, Vol. 15, No. 1, 2016, s. 85 -- SCOPUS

### ADE Vedecké práce v ostatných zahraničných časopisoch

ADE01 Paul Hrabovská, Anna [UKOFAFT] - Pauliková, Ingrid [UKOFABM] - Kovács, Peter [UKOFABM]:  
Súčasný poznatky v oblasti štúdia cholinesteráz  
In: *Československá fyziologie*. - Roč. 55, č. 1 (2006), s. 30-39. - ISSN (print) 1210-6313

ADE02 Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (90%) - Bernard, Véronique (aut) (5%) - Krejci, Eric (aut) (5%): A novel system for the efficient generation of antibodies following immunization of unique knockout mouse strains  
In: *PLoS One* [elektronický dokument]. - Vol. 5, No. 9 (2010), s. [1-7]. - ISSN (online) 1932-6203  
AKK-UKOAF-5214 A+

*Registrované v:* WOS CC Web of Science Core Collection  
SCO SCOPUS

*Indikátor časopisu:* IF (JCR) 2010=4.411

*Kvartil Q:* wos-jcr -- Q1 [Biology] -- 2010

*Ohlasy (15):*

[o1] 2011 ~ Parikh, K. - Duysen, E.G. - Snow, B. - Jensen, N.S. - Manne, V. - Lockridge, O. - Chilukuri, N.: *Journal of Pharmacology and Experimental Therapeutics*, Vol. 337, No. 1, 2011, s. 101 -- SCI; SCOPUS

[o1] 2011 ~ Iwanari, H. - Nakada-Nakura, Y. - Kusano-Arai, O. - Suzuki, N. - Kodama, T. - Sakihama, T. - Hamakubo, T.: *Journal of Immunological Methods*, Vol. 369, No. 1-2, 2011, s. 114 -- SCI; SCOPUS

[o1] 2012 ~ Amenta, A.R. - Creely, H.E. - Mercado, M.L.T. - Hagiwara, H. - McKechnie, B.A. - Lechner, B.E. - Rossi, S.G. - Wang, Q. - Owens, R.T. - Marrero, E. - Mei, L. - Hoch, W. - Young, M.F. - McQuillan, D.J. - Rotundo, R.L. - Fallon, J.R.: *Journal of Neuroscience*, Vol. 32, No. 7, 2012, s. 2334 -- SCI; SCOPUS

[o1] 2016 ~ Foltz, I.N. - Gunasekaran, K. - King, C.T.: *Immunological Reviews*, Vol. 270, No. 1, 2016, s. 64 -- SCOPUS

[o1] 2017 ~ Egelkrou, E. - Hayden, C. - Wales, M. - Walker, J. - Novikov, B. - Grimsley, J. - Howard, J.: *Molecular Breeding*, Vol. 37, No. 11, 2017, s. art. no. 136 -- SCOPUS

[o1] 2017 ~ Sasaki, F. - Koga, T. - Saeki, K. - Okuno, T. - Kazuno, S. - Fujimura, T. - Ohkawa, Y. - Yokomizo, T.: *PLoS ONE*, Vol. 12, No. 9, 2017, art. no. e0185133 -- SCOPUS

[o1] 2018 ~ Chen, W.C. - Murawsky, C.M.: *Frontiers in Immunology*, Vol. 9, 2018, art. no. 460 -- SCOPUS

[o1] 2017 ~ Araten, D.J. - Mandle, R.J. - Isenman, D.E. - Carroll, M.C.: *Complement and Immunoglobulin Biology Leading to Clinical Translation*. In: *Hematology: Basic Principles and Practice*. [s.l.] : Elsevier, 2017, S. 284.e6 -- SCOPUS

[o1] 2019 ~ Gupta, V. - Linn Cadieux, C. - McMenamin, D. - Angelica Medina-Jaszek, C. - Arif, M. - Ahonkhai, O. - Wielechowski, E. - Taheri, M. - Che, Y. - Goode, T. - Limberis, M.P. - Li, M. - Cerasoli, D.M. - Tretiakova, A.P. - Wilson, J.M.: *PLoS ONE*, Vol. 14, No. 11, 2019, art. no. e0225188 -- SCOPUS

[n1] 2021 zz ~ Bednenko, J. - Colussi, P. - Hussain, S. - Zhang, Y. - Clark, T.: *Handbook of Experimental Pharmacology*, Vol. 267, 2021, s. 507 - 545 -- SCOPUS

[o1] 2016 ~ Peng, H. - Blake, T.A. - Johnson, R.C. - Dafferner, A.J. - Brimijoin, S. - Lockridge, O.: *ACS Omega*, Vol. 1, No. 6, 2016, s. 1182 - 1191 -- SCOPUS

[o1] 2016 ~ Bauché, S. - O'Regan, S. - Azuma, Y. - Laffargue, F. - McMacken, G. - Sternberg, D. - Brochier, G. - Buon, C. - Bouzidi, N. - Topf, A. - Lac?ne, E. - Remerand, G.: *American Journal of Human Genetics*, Vol. 99, No. 3, 2016, s. 753 - 761 -- SCOPUS

[o1] 2016 ~ Foltz, I.N. - Gunasekaran, K. - King, C.T.: *Immunological Reviews*, Vol. 270, No. 1, 2016, s. 51 - 64 -- SCOPUS

[o1] 2015 ~ Percival-Alwyn, J.L. - England, E. - Kemp, B. - Rapley, L. - Davis, N.H.E. - McCarthy, G.R. - Majithiya, J.B. - Corkill, D.J. - Welsted, S. - Minton, K. - Cohen, E. S. - Robinson, M.J.: *mAbs*, Vol. 7, No. 1, 2015, s. 129 - 137 -- SCOPUS



[o1] 2014 ~ Lindblom, R.P.F. - Strom, M. - Heinig, M. - Nimer, F.A. - Aeinehband, S. - Berg, A. - Dominguez, C. A. - Vijayaraghavan, S. - Zhang, X.M. - Harnesk, K. - Zelano, J. - Hubner, N.: Journal of Immunology, Vol. 192, No. 3., s. 1138 -1153 -- SCOPUS

ADE03 Dingová, Dominika (aut) [KAUT] [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%):

Metódy stanovenia aktivity cholinesteráz = Methods for determination of cholinesterase activity

In: Československá fyziologie. - Vol. 64, No. 2 (2015), s. 79-83. - ISSN (print) 1210-6313

AKK-UKOAF-5214 B

Registrované v: SCO SCOPUS

Ohlasy (1):

[o1] 2020 ~ Jun, D. - Bajgar, J. - Kuča, K. - Kassa, J.: Chapter 60 - Monitoring of blood cholinesterase activity in workers exposed to nerve agents. In: Handbook of Toxicology of Chemical Warfare Agents. London : Academic Press imprint of Elsevier, 2020, S. 1035 - 1045 -- SCOPUS

ADE04 Kučera, Matej (aut) [KAUT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Cholinergický systém srdca = Cholinergic system of the heart

In: Česká a slovenská farmacie. - Roč. 64, č. 6 (2015), s. 254-263. - ISSN 1210-7816

AKK-UKOAF-5214 B

Registrované v: SCO SCOPUS

Ohlasy (3):

[o1] 2018 ~ Kornjača, D. - Živkovic, V. - Krstic, D. - Čolovic, M. - Duric, M. - Stankovic, S. - Mutavdžin, S. - Jakovljević, V. - Durí, D.: Archives of Biological Sciences, Vol. 70, No. 2, 2018, s. 248 -- SCOPUS

[n1] 2022 zz ~ Glover, F. - Eisenberg, M. L. - Belladelli, F. - Del Giudice, F. - Chen, T. - Mulloy, E. - Caudle, W. M.: Environmental Health: A Global Access Science Source, Vol. 21, No. 1, 2022, art. no. 74 -- SCOPUS

[o1] 2020 ~ Micovic, Ž. - Kostic, S. - Mutavdžin, S. - Andrejević, A. Stamenkovic, A. - Čolovic, M. - Krstic, D. - Djuric, M. - Hrnčić, D. - Živkovic, V. - Jakovljevic, V. - Djuric, D.: Vojnosanitetski Pregled, Vol. 77, No. 2, 2020, s. 165 -173 -- SCOPUS

#### ADF Vedecké práce v ostatných domácich časopisoch

ADF01 Paul Hrabovská, Anna [UKOFAFT] - Pauliková, Ingrid [UKOFABM] - Helia, Otto - Devínsky, Ferdinand [UKOFADEKs]: Účasť butyrylcholinesterázy na hydrolyze krátkoreťazcových benzoylcholínov v

mikrozómovej frakcii pľúc a pečene potkana

In: Farmaceutický obzor. - Roč.70, č. 1-2 (2001), s. 24-28. - ISSN 0014-8172

AKK-UKOAF-5214 B

Registrované v: SCO SCOPUS

ADF02 Pauliková, Ingrid [UKOFABM] - Helia, Otto - Paul Hrabovská, Anna [UKOFAFT] - Devínsky, Ferdinand [UKOFADEKs]: In vitro hydrolyza organických amóniových solí sérovou cholinesterázou

In: Farmaceutický obzor. - Roč. 72, č. 1 (2003), s. 6-9. - ISSN 0014-8172

AKK-UKOAF-5214 B

Registrované v: SCO SCOPUS

ADF03 Mésarošová, Lucia (aut) (40%) - Švihra, Ján (aut) [UKOLJ151] (10%) - Fraňová, Soňa (aut) [UKOLJ262] (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (10%) - Křenek, Peter (aut) [UKOFAFT] (10%) - Kyselovič, Ján (aut) [UKOLF] (10%) - Ochodnický, Peter (aut) (10%): Úloha kaveolínu 1 v procese

proliferácie svetlobunkového adenokarcinómu obličiek

In: Farmaceutický obzor. - Roč. 79, č. 8 (2010), s. 219-222. - ISSN 0014-8172

AKK-UKOAF-5214 B

Registrované v: SCOPUS SCOPUS

Indikátor časopisu:

SJR (SCOPUS) 2010=0,141 [2012-0,131]

SNIP (SCOPUS) 2010=0,12 [2012-0,086]





ADF04 Mysliveček, Jaromír (aut) (30%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (70%): Hypothalamus - hlavné integratívne centrum somato-autonomných funkcií

In: Farmaceutický obzor. - Roč. 79, č. 8 (2010), s. 235-240. - ISSN 0014-8172

AKK-UKOAF-5214 **B**

Registrované v: SCOPUS SCOPUS

ADF05 Čorejová, Adela (aut) (40%) - Verčinská, Miriam (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (20%) - Kyselovič, Ján (aut) [UKOLF] (20%): Vzťah hodnôt indexu telesnej hmotnosti a tlaku krvi u ambulantne liečených hypertenzikov = Correlation between body mass index and blood pressure of hypertensive patients in the ambulant care

In: Farmaceutický obzor. - Roč. 80, č. 9 (2011), s. 235-239. - ISSN 0014-8172

AKK-UKOAF-5214 **B**

Registrované v: SCOPUS SCOPUS

Indikátor časopisu:

SJR (SCOPUS) 2011=0,140 [2012-0,131]

SNIP (SCOPUS) 2011=0,04 [2012-0,086]

ADF06 Farár, Vladimír (aut) (30%) - Mysliveček, Jaromír (aut) (30%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%): Regulačné mechanizmy dopamínu vo funkcii corpus striatum = Regulatory mechanisms of dopamine in corpus striatum function

In: Farmaceutický obzor. - Roč. 80, č. 3 (2011), s. 84-90. - ISSN 0014-8172

AKK-UKOAF-5214 **B**

Registrované v: SCOPUS SCOPUS

ADF07 Mésárošová, Lucia (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Nové stratégie liečby adenokarcinómu obličiek = New strategy of treatment of adenocarcinoma of kidney

In: Farmaceutický obzor. - Roč. 80, č. 3 (2011), s. 91-93. - ISSN 0014-8172

AKK-UKOAF-5214 **B**

Registrované v: SCOPUS SCOPUS

ADF08 Dingová, Dominika (aut) [KAUT] [UKOFAFT] (33.334%) - Kiliánová, Zuzana (aut) [UKOFAFT] (33.333%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (33.333%): COVID-19: súčasná pandemická situácia, možnosti detekcie a vakcinácie na Slovensku = COVID-19: current pandemic situation, detection and vaccination opportunities in Slovakia

In: Farmaceutický obzor. - Roč. 90, č. 4-5 (2021), s. 72-78. - ISSN (print) 0014-8172

ADF09 Dingová, Dominika (aut) [UKOFAFT] (33.334%) - Kiliánová, Zuzana (aut) [UKOFAFT] (33.333%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (33.333%): Butyrylcholinesteráza ako potenciálny biomarker závažného priebehu COVID-19 = Biomarkers of severe COVID-19

In: Farmaceutický obzor. - Roč. 90, č. 4-5 (2021), s. 65-71. - ISSN (print) 0014-8172

ADF10 Kiliánová, Zuzana (aut) [KAUT] [UKOFAFT] (33.334%) - Dingová, Dominika (aut) [UKOFAFT] (33.333%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (33.333%): COVID-19 - patofyziologické mechanizmy a prehľad možností liečby = COVID-19 - pathophysiological mechanisms and treatment options

In: Farmaceutický obzor. - Roč. 90, č. 4-5 (2021), s. 79-89. - ISSN (print) 0014-8172

#### ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS

ADM01 Farár, Vladimír (aut) (45%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%) - Krejci, Eric (aut) (5%) - Mysliveček, Jaromír (aut) (5%): Developmental adaptation of central nervous system to extremely high acetylcholine levels

In: PLoS One [elektronický dokument]. - Vol. 8, No. 7 (2013), Art. No. e68265, s. [1-6] [online]. - ISSN



(online) 1932-6203  
AKK-UKOAF-5214 **A+**  
*Registrované v:* WOS CC Web of Science Core Collection  
SCOPUS SCOPUS  
*Indikátor časopisu:* IF (JCR) 2013=3.534  
*Kvartil Q:* wos-jcr -- Q1 [Multidisciplinary sciences] -- 2013

ADM02 Kučera, Matej (aut) [KAUT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Myši s absenciou jednotlivých molekulových foriem cholinesteráz = Mice lacking individual molecular forms of cholinesterases  
In: Česká a slovenská farmacie. - Roč. 65, č. 2 (2016), s. 52-63. - ISSN 1210-7816  
AKK-UKOAF-5214 **B**  
*Registrované v:* SCOPUS SCOPUS

### **AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách**

AEC01 Paul Hrabovská, Anna [UKOFAFT] - Duysen, Ellen G. - Lockridge, Oksana: Acetylcholinesterase knockout mice have increased sensitivity to scopolamine and atropine  
In: Cholinergic mechanisms: Function and dysfunction. - London : Taylor & Francis, 2004. - S. 593-594. - ISBN 978-184184075-8  
AKK-UKOAF-5214 **B**

AEC02 Paul Hrabovská, Anna [UKOFAFT] - Lockridge, Oksana: Acetylcholinesterase wild-type and knock-out mice show different locomotor activity after scopolamine injection  
In: Cholinesterases in the Second Millenium : Biomolecular and Pathological Aspects. - Pucon : Diseno e Impresiones J&J Ltda, 2004. - S. 315-319  
[7th International Meeting on Cholinesterases. Pucon, 2004]  
AKK-UKOAF-5214 **B**

AEC03 Mysliveček, Jaromír (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Mechanizmy účinku farmak pôsobících na nervový systém a jejich interakce  
In: Mysliveček, J. : Základy neurověd. 2., rozšíř. a preprac. vyd. - Praha : Triton, 2008. - S. 345-358 [0,83 AH]. - ISBN 978-80-7387-088-1  
AKK-UKOAF-5214 **B**

### **AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách**

AED01 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Vplyv tlmivých roztokov na stabilitu Ellmanovho činidla = The effect of different buffers on Ellman's reagent stability  
In: Pokroky vo farmakológii v Slovenskej republike 7. - Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, 2012. - S. 77-82. - ISBN 978-80-223-3271-2  
AKK-UKOAF-5214 **B**

AED02 Kučera, Matej (aut) (25%) - Kráľová, Eva (aut) [UKOFAFT] (25%) - Stankovičová, Tatiana (aut) [UKOFAFT] (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Vplyv kotvených molekulových foriem cholinesteráz na funkčné parametre srdca = Effects of anchored molecular forms of cholinesterases on functional parameters of heart  
In: Pokroky vo farmakológii v Slovenskej republike 7. - Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, 2012. - S. 70-76. - ISBN 978-80-223-3271-2  
AKK-UKOAF-5214 **B**



- AED03 Targošová, Katarína (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Štúdium inter-individuálnej variability butyrylcholinesterázy u ľudí = The study of inter-individual butyrylcholinesterase variability in humans  
In: Pokroky vo farmakológii v Slovenskej republike 7. - Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, 2012. - S. 63-69. - ISBN 978-80-223-3271-2  
AKK-UKOAF-5214 B
- AED04 Kučera, Matej (aut) (45%) - Farár, Vladimír (aut) (5%) - Mysliveček, Jaromír (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%): Vplyv absencie cholinesteráz na hladiny muskarínových a beta-adrenergických receptorov myšacieho srdca = Effect of the absence of cholinesterases on muscarinic and beta-adrenergic receptors levels in mice  
In: Pokroky vo farmakológii v Slovenskej republike 8. - Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, 2013. - S.16-22. - ISBN 978-80-223-3470-9  
AKK-UKOAF-5214 B
- AED05 Paul Hrabovská, Anna (aut) [UKOFAFT] (100%): Acetylcholinesteráza v CNS: tvorba, lokalizácia a funkcia = Acetylcholinesterase in CNS: production, localisation and function  
In: Pokroky vo farmakológii v Slovenskej republike 8. - Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, 2013. - S.9-15. - ISBN 978-80-223-3470-9  
AKK-UKOAF-5214 B
- AED06 Dingová, Dominika (aut) [UKOFAFT] (34%) - Ježko, Pavol (aut) [UKOFAFCH] (33%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (33%): Interakčný potenciál Ellmanovho činidla pri hydrolyze cholinesterázami = Interaction potential of Ellman's reagent in cholinesterase hydrolysis  
In: Pokroky vo farmakológii v Slovenskej republike 10. - Bratislava : Farmaceutická fakulta UK, 2015. - S. 101-107. - ISBN 978-80-223-3924-7  
AKK-UKOAF-5214 B
- AED07 Szmieciová, Kristína (aut) [UKOFAFT] (34%) - Kiliánová, Zuzana (aut) [UKOFAFT] (33%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (33%): Butyrylcholinesteráza hydrolyzuje syntetický TAG = Butyrylcholinesterase hydrolyses synthetic TAG  
In: Pokroky vo farmakológii v Slovenskej republike 13. - Bratislava : Farmaceutická fakulta UK, 2018. - S. 53-58. - ISBN 978-80-223-4588-0  
AKK-UKOAF-5214 B
- AED08 Szmieciová, Kristína (aut) [UKOFAFT] (25%) - Kiliánová, Zuzana (aut) [UKOFAFT] (25%) - Krejci, Eric (aut) (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Molekulové formy cholinesteráz v aorte potkana = Molecular forms of cholinesterases in rat aorta  
In: Pokroky vo farmakológii v Slovenskej republike 14. - Bratislava : Farmaceutická fakulta UK, 2019. - S. 42-51. - ISBN 978-80-223-4813-3  
AKK-UKOAF-5214 B

#### AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch

- AEG01 Paul Hrabovská, Anna [UKOFAFT] - Pauliková, Ingrid [UKOFABM] - Helia, Otto - Devínsky, Ferdinand [UKOFADEKs]: Butyrylcholinesteráza - enzým zodpovedný za hydrolyzu benzoylcholínom  
In: Chemické listy [elektronický dokument]. - Roč. 94, č. 8 (2000), s. 716. - ISSN (print) 0009-2770 [XVII. biochemický sjezd. Praha, 7.-10.10.2000]
- AEG02 Pauliková, Ingrid [UKOFABM] - Helia, Otto - Paul Hrabovská, Anna [UKOFAFT] - Devínsky, Ferdinand [UKOFADEKs]: Mikrozómové esterázy vo vzťahu k benzoylcholínom in vitro  
In: Chemické listy [elektronický dokument]. - Roč. 94, č. 8 (2000), s. 716. - ISSN (print) 0009-2770 [XVII. biochemický sjezd. Praha, 7.-10.10.2000]



AE03 Farár, Vladimír - Duysen, Ellen G. - Lockridge, Oksana - Brabec, J. - Petrovický, P. - Mysliveček, J. - Paul Hrabovská, Anna [UKOFAFT]: Brain region specific changes in alfa1-adrenergic receptor level in acetylcholinesterase knockout mice  
In: Physiological Research. - Vol. 55, No. 4 (2006), s. 18P-19P. - ISSN 0862-8408  
*POZNÁMKA:* Vyšlo aj - 82. fyziologické dny. - Praha : [s.n.], 2006. - S. 10

AE04 Paul Hrabovská, Anna [UKOFAFT] - Petrovický, P. - Langmeier, Miloš - Pokorný, J. - Duysen, Ellen G. - Lockridge, Oksana - Mysliveček, J.: Brain of acetylcholinesterase knockout mouse - loss of striatal dopamine receptors  
In: Physiological Research. - Vol. 55, No. 4 (2006), s. 34-35P. - ISSN 0862-8408  
*POZNÁMKA:* Vyšlo aj - 82. fyziologické dny. - Praha : [s.n.], 2006. - S. 11

AE05 Farár, Vladimír (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (70%) - Cendelín, Ján (aut) (5%) - Martres, M. P. (aut) (5%) - Krejci, Eric (aut) (5%) - Mysliveček, Jaromír (aut) (5%): Do the mice need acetylcholinesterase activity in the brain?  
In: Physiological Research. - Vol. 59, No. 2 (2010), s. 18P. - ISSN 0862-8408  
[Proceedings of the Czech and Slovak Physiological Societies. Prague, 9.-11.2.2010]

AE06 Paul Hrabovská, Anna (aut) [UKOFAFT] (90%) - Bernard, Véronique (aut) (5%) - Krejci, Eric (aut) (5%): Novel efficient strategy to generate diversity of antibodies  
In: Physiological Research. - Vol. 59, No. 2 (2010), s. 20P-21P. - ISSN 0862-8408  
[Proceedings of the Czech and Slovak Physiological Societies. Prague, 9.-11.2.2010]

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

AFG01 Lockridge, Oksana - Duysen, Ellen G - Li, Bin - Paul Hrabovská, Anna [UKOFAFT]: Life Without Acetylcholinesterase  
In: 7th International Meeting on Cholinesterases. - Pucon : [s.n.], 2002. - S. 40  
[7th International Meeting on Cholinesterases. Pucon, 8.-12.11.2002]

AFG02 Paul Hrabovská, Anna [UKOFAFT] - Lockridge, Oksana - Duysen, Ellen G.: Acetylcholinesterase knockout mice have increased sensitivity to scopolamine and atropine  
In: Cholinergic Mechanisms - Function and Dysfunction & 2nd Misrahi Symposium on Neurobiology. - Saint Moritz : [s.n.], 2002. - S. 46  
[XIth International Symposium on Cholinergic Mechanisms - Function and Dysfunction & 2nd Misrahi Symposium on Neurobiology. St. Moritz, 5.-9.5.2002]

AFG03 Paul Hrabovská, Anna [UKOFAFT] - Lockridge, Oksana: Acetylcholinesterase Wild-Type and Knock-Out Mice Different Locomotor activity After Scopolamine Injection  
In: 7th International Meeting on Cholinesterases. - Pucon : [s.n.], 2002. - S. 61  
[7th International Meeting on Cholinesterases. Pucon, 8.-12.11.2002]

AFG04 Masson, Patrick - Schopfer, Lawrence M. - Froment, Marie-Thérèse - Debouzy, Jean-Claude - Nachon, Florian - Gillon, Emilie - Lockridge, Oksana - Paul Hrabovská, Anna [UKOFAFT] - Goldstein, Boris N.: Hysteresis of butyrylcholinesterase in the approach to steady-state kinetics  
In: 8th International Meeting on Cholinesterases. - Perugia : [s.n.], 2004. - S. 20-21  
[8th International Meeting on Cholinesterases. Perugia, 26.-30.9.2004]

AFG05 Paul Hrabovská, Anna [UKOFAFT] - Pauliková, Ingrid [UKOFABM] - Froment, Marie-Thérèse - Devínsky, Ferdinand [UKOFADEKs] - Debouzy, Jean-Claude - Masson, Patrick: Steady-state kinetics of the benzoylcholine and N-alkyl homologues hydrolysis by rat butyrylcholinesterase  
In: 8th International Meeting on Cholinesterases. - Perugia : [s.n.], 2004. - S. 21



[8th International Meeting on Cholinesterases. Perugia, 26.-30.9.2004]

AFG06 Paul Hrabovská, Anna [UKOFAFT] - Duysen, Ellen G. - Lockridge, Oksana: Delivery of gene for human ache into acetylcholinesterase knock-out mouse

In: 8th International Meeting on Cholinesterases. - Perugia : [s.n.], 2004. - S. 20-21

[8th International Meeting on Cholinesterases. Perugia, 26.-30.9.2004]

AFG07 Paul Hrabovská, Anna [UKOFAFT] - Duysen, Ellen G. - Lockridge, Oksana: Gene therapy of acetylcholinesterase knock-out mice

In: Task Group on Prophylaxis and Therapy Against Chemical Agents. Collection of abstracts. - Hradec Králové : [s.n.], 2005. - S. 36

[TG-004 Meeting, Hradec Králové, 23.-26.5.2005]

AFG08 Krejci, Eric (aut) (35%) - Bernard, Véronique (aut) (5%) - Girard, E. (aut) (5%) - Camp, Shelley (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (35%) - Dobbertin, Alexandre (aut) (5%) - Taylor, P. (aut) (5%) - Molgó, J. (aut) (5%): Exploration of cholinesterase (ChE) diversity at the neuromuscular junction by genetic approaches in mice: localization and functional consequences

In: 9th International Meeting on Cholinesterases. - Suzhou : [s.n.], 2007. - S. 28

[International Meeting on Cholinesterases. 9th, Suzhou, 6.-10.5.2007 2007]

AFG09 Paul Hrabovská, Anna (aut) [UKOFAFT] - Brabec, Jiří (aut) - Milotová, M. (aut) - Duysen, Ellen G. (aut) - Lockridge, Oksana (aut) - Mysliveček, Jaromír (aut) : Brain acetylcholinesterase knockout mouse - loss of strial dopamine receptors

In: 9th International Meeting on Cholinesterases. - Suzhou : [s.n.], 2007. - S. 97

[International Meeting on Cholinesterases. 9th, Suzhou, 6.-10.5.2007 2007]

AFG10 Farár, Vladimír (aut) (10%) - Cendelín, Ján (aut) (2%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (84%) - Mysliveček, Jaromír (aut) (2%) - Krejci, Eric (aut) (2%): Acetylcholinesterase: a dispensable enzyme in the brain

*Iný text ako na konferencii 87. fyziologické dni v Bratislave*

In: Neuroscience 2010. - San Diego : SfN, 2010. - S. [S-14452-SfN]

[Neuroscience 2010. 40th Annual Meeting. San Diego, 13.-17.11.2010]

AFG11 Paul Hrabovská, Anna (aut) [UKOFAFT] (90%) - Bernard, Véronique (aut) (5%) - Krejci, Eric (aut) (5%): Revival of a protein immunization strategy employing a knockout mouse [elektronický dokument]

In: 7th FENS Forum of European Neuroscience (CD ROM). - Amsterdam : [s.n.], 2010. - S. P12179

[FENS Forum of European Neuroscience. 7th, Amsterdam, 3.-7.7.2010]

AFG12 Bačiak, Ladislav (aut) (25%) - Juránek, Ivo (aut) (25%) - Kukurová, Ivica (aut) (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Brain HMRS of acetylcholinesterase knockout mice

In: Magnetic Resonance Studies. - Praha : Charles University, 2nd Faculty of Medicine, 2011. - S. 3

[International Workshop Magnetic Resonance Studies. Třešť, 6.-8.6.2011]

AFG13 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%):

Optimization of Ellman's assay conditions

In: 61. česko-slovenské farmakologické dny a EPHAR symposium. - Brno : Tribun EU, 2011. - S. 44. - ISBN 978-80-7399-770-0

[61. česko-slovenské farmakologické dny a EPHAR symposium. Brno, 14.-16.9.2011]

AFG14 Kučera, Matej (aut) (25%) - Máťuš, Marek (aut) [UKOFAFT] (25%) - Klimas, Ján (aut) [UKOFAFT] (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Responsibility of different anchored molecular forms of cholinesterases on physiological parameters of mice heart

In: 61. česko-slovenské farmakologické dny a EPHAR symposium. - Brno : Tribun EU, 2011. - S. 88. - ISBN



978-80-7399-770-0

[61. česko-slovenské farmakologické dny a EPHAR symposium. Brno, 14.-16.9.2011]

AFG15 Targošová, Katarína (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Inter-individual variability of butyrylcholinesterase activity in humans  
In: 61. česko-slovenské farmakologické dny a EPHAR symposium. - Brno : Tribun EU, 2011. - S. 109. - ISBN 978-80-7399-770-0  
[61. česko-slovenské farmakologické dny a EPHAR symposium. Brno, 14.-16.9.2011]

AFG16 Čorejová, Adela (aut) (40%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%) - Kyselovič, Ján (aut) [UKOLF] (30%): Role of glutathione redox status in the pathophysiology of autistic disorder  
In: European Journal of Neurology. - Vol. 19, Suppl. 1 (2012), s. 202. - ISSN (print) 1351-5101  
[Congress of the European Federation of Neurological Societies. 16th, Stockholm, 8.-11.9.2012]

AFG17 Dingová, Dominika (aut) [UKOFAFT] (30%) - Leroy, Jacqueline (aut) (20%) - Krejci, Eric (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Studying cholinesterases in biological samples  
In: 11th International Meeting on Cholinesterases. Book of abstracts. - Kazan : [s.n.], 2012. - S. 124  
[International Meeting on Cholinesterases. 11th, Kazan, 4.-9.6.2012]

AFG18 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Effect of different buffers on Ellman's reagent action  
In: 11th International Meeting on Cholinesterases. Book of abstracts. - Kazan : [s.n.], 2012. - S. 150  
[International Meeting on Cholinesterases. 11th, Kazan, 4.-9.6.2012]

AFG19 Krejci, Eric (aut) (35%) - Farár, Vladimír (aut) (10%) - Mohr, Francizska (aut) (1%) - Legrand, Marie (aut) (1%) - Lamotte d'Incamps, B. (aut) (1%) - Cendelín, Ján (aut) (1%) - Leroy, Jacqueline (aut) (1%) - Abitbol, Marc (aut) (1%) - Bernard, Véronique (aut) (1%) - Baud, Frédéric (aut) (1%) - Fournet, Vincent (aut) (1%) - Houze, Pascal (aut) (1%) - Klein, Jeffrey (aut) (1%) - Tůma, Jan (aut) (1%) - Zimmermann, Martin (aut) (1%) - Ascher, Philippe (aut) (1%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (35%) - Mysliveček, Jaromír (aut) (6%): A novel insight into acetylcholinesterase functions in the nervous system provided by the mutant mice  
In: 11th International Meeting on Cholinesterases. Book of abstracts. - Kazan : [s.n.], 2012. - S. 122  
[International Meeting on Cholinesterases. 11th, Kazan, 4.-9.6.2012]

AFG20 Kučera, Matej (aut) (40%) - Farár, Vladimír (aut) (5%) - Mářuš, Marek (aut) [UKOFAFT] (5%) - Kráľová, Eva (aut) [UKOFAFT] (5%) - Stankovičová, Tatiana (aut) [UKOFAFT] (5%) - Mysliveček, Jaromír (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (35%): Role of different cholinesterase molecular forms in heart physiology  
In: 11th International Meeting on Cholinesterases. Book of abstracts. - Kazan : [s.n.], 2012. - S. 229  
[International Meeting on Cholinesterases. 11th, Kazan, 4.-9.6.2012]

AFG21 Paul Hrabovská, Anna (aut) [UKOFAFT] (80%) - Krejci, Eric (aut) (20%): Consequences of an impaired cholinergic system in the CNS and at the periphery  
In: European Journal of Neurology. - Vol. 19, Suppl. 1 (2012), s. 418. - ISSN (print) 1351-5101  
[Congress of the European Federation of Neurological Societies. 16th, Stockholm, 8.-11.9.2012]

AFG22 Targošová, Katarína (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): The development new method to measure activity of butyrylcholinesterase  
In: 11th International Meeting on Cholinesterases. Book of abstracts. - Kazan : [s.n.], 2012. - S. 180  
[International Meeting on Cholinesterases. 11th, Kazan, 4.-9.6.2012]

AFG23 Čorejová, Adela (aut) (30%) - Rauová, Drahomíra (aut) [UKOFAA] (10%) - Jánošíková, Daniela (aut) (10%) - Pospíšilová, Veronika (aut) (5%) - Miková, Mária (aut) (5%) - Repiský, Juraj (aut) (5%) - Lakatošová, Silvia (aut) [UKOLFFYU] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (20%) - Kyselovič, Ján (aut)



- [UKOLF] (10%): Effect of methycobalamin application in patients with autism  
In: Biomedical Papers. - Vol. 157, Suppl. 1 (2013), s. S1. - ISSN 1213-8118  
[Czech and Slovak Pharmacological Days. 63., Olomouc, 11.-13.9.2013]
- AFG24 Dingová, Dominika (aut) [UKOFAFT] (45%) - Krejci, Eric (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%): Molecular forms of cholinesterases in heart  
In: Biomedical Papers. - Vol. 157, Suppl. 1 (2013), S1-S2. - ISSN 1213-8118  
[Czech and Slovak Pharmacological Days. 63., Olomouc, 11.-13.9.2013]
- AFG25 Targošová, Katarína (aut) (35%) - Kučera, Matej (aut) (30%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (35%): The role of nicotinic receptors in heart physiology  
In: Biomedical Papers. - Vol. 157, Suppl. 1 (2013), S7. - ISSN 1213-8118  
[Czech and Slovak Pharmacological Days. 63., Olomouc, 11.-13.9.2013]
- AFG26 Bies Piváčková, Lenka (aut) [UKOFAFT] (15%) - Křenek, Peter (aut) [UKOFAFT] (15%) - Szmiecseková, Kristína (aut) [UKOFAFT] (14%) - Klimas, Ján (aut) [UKOFAFT] (14%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (14%) - Šrankova, Jasna (aut) [UKOFAFT] (14%) - Dingová, Dominika (aut) [UKOFAFT] (14%): Distribution of cholinergic system components gene expression in intact rat aorta  
In: Journal of Hypertension. - Vol. 33, e-Supplement 1 (2015), s. e240. - ISSN 0263-6352  
[ESH 2015 : European Meeting on Hypertension and Cardiovascular Prevention. 25th, Milan, 12.-15.6.2015]
- AFG27 Bies Piváčková, Lenka (aut) [UKOFAFT] (14%) - Šrankova, Jasna (aut) [UKOFAFT] (14%) - Vetešková, J. (aut) (12%) - Dingová, Dominika (aut) [UKOFAFT] (12%) - Szmiecseková, Kristína (aut) [UKOFAFT] (12%) - Klimas, Ján (aut) [UKOFAFT] (12%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (12%) - Křenek, Peter (aut) [UKOFAFT] (12%): Distribúcia expresie komponentov cholinergického systému v potkanej aorte  
In: 65. Česko-slovenské farmakologické dny [elektronický dokument] : sborník abstraktů. - Praha : 1. LF UK a VFN, 2015. - S. 8-9 [online]. - ISBN 978-80-260-8027-5  
[Česko-slovenské farmakologické dny. 65., Praha, 16.-18.9.2015]
- AFG28 Vetešková, Jana (aut) [UKOFAFT] (12%) - Bies Piváčková, Lenka (aut) [UKOFAFT] (11%) - Šrankova, Jasna (aut) [UKOFAFT] (11%) - Szmiecseková, Kristína (aut) [UKOFAFT] (11%) - Dingová, Dominika (aut) [UKOFAFT] (11%) - Kiliánová, Zuzana (aut) [UKOFAFT] (11%) - Klimas, Ján (aut) [UKOFAFT] (11%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (11%) - Křenek, Peter (aut) [UKOFAFT] (11%): Vplyv inhibície butyrylcholinesterázy na relaxáciu aorty normotenzného a spontánne hypertenzného potkana  
In: 66. Česko-slovenské farmakologické dny. - Brno : Farmakologický ústav LF MU, 2016. - S. 170. - ISBN 978-80-260-9782-2  
[Česko-slovenské farmakologické dny. 66., Brno, 13.-15.9.2016]
- AFG29 Kiliánová, Zuzana (aut) [UKOFAFT] (25%) - Krajčovičová, Kristína (aut) (25%) - Szmiecseková, Kristína (aut) [UKOFAFT] (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Expression of cellular machinery responsible for acetylcholine synthesis, transport and degradation in rat aorta  
In: Acta Physiologica [elektronický zdroj]. - Vol. 221, Suppl. S713 (2017), s. 124 [online]. - ISSN 1748-1716  
[Joint meeting of the Federation of European Physiological Societies (FEPS) and the Austrian Physiological Society with Participation of the Czech, French, Italian, Slovak, Slovenian, Swiss and Turkish Physiological Societies. Viedeň, 13.-15.9.2017]
- AFG30 Szmiecseková, Kristína (aut) [UKOFAFT] (14%) - Kiliánová, Zuzana (aut) [UKOFAFT] (14%) - Dingová, Dominika (aut) [UKOFAFT] (12%) - Vetešková, Jana (aut) [UKOFAFT] (12%) - Šrankova, Jasna (aut) [UKOFAFT] (12%) - Bies Piváčková, Lenka (aut) [UKOFAFT] (12%) - Křenek, Peter (aut) [UKOFAFT] (12%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (12%): Cholinesterases in rat aorta  
In: Acta Physiologica [elektronický zdroj]. - Vol. 221, Suppl. S713 (2017), s. 219 [online]. - ISSN 1748-1716  
[Joint meeting of the Federation of European Physiological Societies (FEPS) and the Austrian Physiological



Society with Participation of the Czech, French, Italian, Slovak, Slovenian, Swiss and Turkish Physiological Societies. Viedeň, 13.-15.9.2017]

AFG31 Szmieciová, Kristína (aut) [UKOFAFT] (30%) - Kiliánová, Zuzana (aut) [UKOFAFT] (30%) - Krajčovičová, Kristína (aut) (5%) - Krejci, Eric (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Non-neutral cholinergic system in rat aorta  
In: Vojenské zdravotnícké listy : suppl. - Roč. 87 (2018), s. 90-90. - ISSN (print) 0372-7025  
[International Meeting on Cholinesterases. 13, Hradec Králové, 09.09.2018 - 14.11.2018]  
[International Conference on Paraoxonases. 7, Hradec Králové, 09.09.2018 - 14.11.2018]

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

AFH01 Farár, Vladimír - Milotová, M. - Brabec, J. - Duysen, Ellen G. - Lockridge, Oksana - Mysliveček, J. - Paul Hrabovská, Anna [UKOFAFT]: Increase in the alfa1-adrenoreceptor level in medulla oblongata of acetylcholinesterase knock-out mouse  
In: Molecular basis of neurological and psychiatric disorders. - Martin : [s.n.], 2006. - S. 37  
[Molecular basis of neurological and psychiatric disorders. 11th meeting of the Czech and Slovak Neurochemical Society. International Congress. Martin, 6.-10.9.2006]

AFH02 Paul Hrabovská, Anna [UKOFAFT] - Brabec, J. - Milotová, M. - Duysen, Ellen G. - Lockridge, Oksana - Mysliveček, J.: Acetylcholinesterase knockout mouse has decreased level of striatal dopamine receptors  
In: Molecular basis of neurological and psychiatric disorders. - Martin : [s.n.], 2006. - S. 45  
[Molecular basis of neurological and psychiatric disorders. 11th meeting of the Czech and Slovak Neurochemical Society. International Congress. Martin, 6.-10.9.2006]

AFH03 Pauliková, Ingrid [UKOFABM] - Paul Hrabovská, Anna [UKOFAFT] - Helia, Otto - Faklová, Eva: Inter-tissue and inter-species variability of butyrylcholinesterase activity by rat and rabbit in vitro  
In: 20. biochemický zjazd. - Bratislava : [s.n.], 2006. - S. 317. - ISBN 80-969532-6-5  
[Biochemický zjazd. 20., Piešťany, 12.-16.9.2006]

AFH04 Paul Hrabovská, Anna (aut) [UKOFAFT] (70%) - Farár, Vladimír (aut) (5%) - Brabec, Jiří (aut) (5%) - Milotová, M. (aut) (5%) - Duysen, Ellen G. (aut) (5%) - Lockridge, Oksana (aut) (5%) - Mysliveček, Jaromír (aut) (5%): AChE knockout micereceptor adaptation mechanisms in AChE-/-mice  
In: Joint Meeting of the Slovak Physiological Society, the Physiological Society and the Federation of European Physiological Societies. - Bratislava : Medimod, 2007. - S. 12  
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]

AFH05 Dingová, Dominika (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (95%): Optimalization of Ellman's assay to study the kinetics of cholinesterases  
In: 22. biochemický zjazd. - Martin : JLF UK, 2010. - S. 180. - ISBN 978-80-88866-83-1  
[Biochemický zjazd. 22., Martin, 8.-12.9.2010]

AFH06 Paul Hrabovská, Anna (aut) [UKOFAFT] (90%) - Bernard, Véronique (aut) (5%) - Krejci, Eric (aut) (5%): Protein immunization of mutant mouse - an efficient way to generate selective and sensitive antibodies  
In: 22. biochemický zjazd. - Martin : JLF UK, 2010. - S. 61. - ISBN 978-80-88866-83-1  
[Biochemický zjazd. 22., Martin, 8.-12.9.2010]

AFH07 Targošová, Katarína (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (95%): Development of a detection tool to follow the specific activity of butyrylcholinesterase in human patients  
In: 22. biochemický zjazd. - Martin : JLF UK, 2010. - S. 179. - ISBN 978-80-88866-83-1  
[Biochemický zjazd. 22., Martin, 8.-12.9.2010]





- AFH08 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%):  
Optimalizácia podmienok Ellmanovej metódy  
In: Drobnicov memoriál 6. ročník. - Bratislava : Petrus, 2011. - S. 55. - ISBN 978-80-970164-3-2  
[Drobnicov memoriál : konferencia mladých vedeckých pracovníkov v odboroch biochémie a molekulárna biológia. 6., Piešťany, 21.-23.9.2011]
- AFH09 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Condition  
optimization for Ellman's assay in pure protein fractions and biological samples  
In: Pecháňová, O. : 87. fyziologické dni. - Bratislava : SAV, 2011. - S. 79. - ISBN 978-80-969544-8-3  
[Fyziologické dni. 87., Bratislava, 9.-11.2.2011]
- AFH10 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Optimized  
Ellman's assay - a better tool to study kinetics of cholinesterases [elektronický dokument]  
Popis urobený 24.1.2012  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System.- Bratislava : [s.n.], 2011.- S. 6  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry,  
4.-6.11.2011]
- AFH11 Farár, Vladimír (aut) (10%) - Cendelín, Ján (aut) (2%) - Mohr, Francizska (aut) (2%) - Klein, J. (aut) (2%) -  
Paul Hrabovská, Anna (aut) [UKOFAFT] (78%) - Martres, M. P. (aut) (2%) - Krejci, Eric (aut) (2%) -  
Mysliveček, Jaromír (aut) (2%): Acetylcholinesterase: a dispensable enzyme in the brain?  
In: Pecháňová, O. : 87. fyziologické dni. - Bratislava : SAV, 2011. - S. 22-23. - ISBN 978-80-969544-8-3  
[Fyziologické dni. 87., Bratislava, 9.-11.2.2011]
- AFH12 Farár, Vladimír (aut) (30%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (55%) - Riljak, Vladimír (aut) (5%) -  
Krejci, Eric (aut) (5%) - Mysliveček, Jaromír (aut) (5%): Central cholinergic receptor system in different  
models of ChE deficiency[elektronický dokument]  
Popis urobený 24.1.2012  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], . - S. 10  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry,  
4.-6.11.2011]
- AFH13 Farár, Vladimír (aut) (30%) - Mohr, Francizska (aut) (2%) - Klein, Jochen (aut) (2%) - Legrand, Marie (aut)  
(2%) - Bernard, Véronique (aut) (2%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (48%) - Cendelín, Ján (aut)  
(2%) - Martres, Marie-Pascale(aut) (2%) - Mysliveček, Jaromír (aut) (5%) - Krejci, Eric (aut) (5%): The role of  
prima in cholinergic transmission in brain and selectivity of centrally acting anticholinesterase drugs  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2011. - S.  
7-8  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry,  
4.-6.11.2011]
- AFH14 Farár, Vladimír (aut) (40%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%) - Riljak, Vladimír (aut) (5%) -  
Krejci, Eric (aut) (5%) - Mysliveček, Jaromír (aut) (10%): Aging of MR in PRiMA KO  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System.- Bratislava : [s.n.], 2011.- S. 9  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry,  
4.-6.11.2011]
- AFH15 Kučera, Matej (aut) (41%) - Máťuš, Marek (aut) [UKOFAFT] (5%) - Farár, Vladimír (aut) (3%) - Kráľová,  
Eva (aut) [UKOFAFT] (5%) - Stankovičová, Tatiana (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut)  
[UKOFAFT] (41%): Participation of different molecular forms of cholinesterases on some physiological  
parameters of heart  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2011. - S.  
11



[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry, 4.-6.11.2011]

- AFH16 Kučera, Matej (aut) (40%) - Máťuš, Marek (aut) [UKOFAFT] (30%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Vplyv kotvených molekulových foriem cholinesteráz na vybrané fyziologické parametre v srdci  
In: Drobnicov memoriál 6. ročník. - Bratislava : Petrus, 2011. - S. 38. - ISBN 978-80-970164-3-2  
[Drobnicov memoriál : konferencia mladých vedeckých pracovníkov v odboroch biochémie a molekulárna biológia. 6., Piešťany, 21.-23.9.2011]
- AFH17 Kučera, Matej (aut) (40%) - Klimas, Ján (aut) [UKOFAFT] (30%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Participation of different molecular forms of cholinesterases on the electric current in mouse heart  
In: Joint Conference of the Czech and Slovak Neuroscience Societies. - Dunajská Lužná : AHO3, 2011. - S. 73. - ISBN 978-80-969931-6-1  
[Joint Conference of the Czech and Slovak Neuroscience Societies. Smolenice, 18.-21.5.2011]
- AFH18 Mysliveček, Jaromír (aut) (10%) - Farár, Vladimír (aut) (10%) - Cendelín, Ján (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%) - Klein, J. (aut) (10%) - Krejci, Eric (aut) (10%): Acetylcholinesterase is not necessary in the mouse brain  
In: Joint Conference of the Czech and Slovak Neuroscience Societies. - Dunajská Lužná : AHO3, 2011. - S. 37. - ISBN 978-80-969931-6-1  
[Joint Conference of the Czech and Slovak Neuroscience Societies. Smolenice, 18.-21.5.2011]
- AFH19 Obžerová, Lucia (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (80%): Study of antibodies prepared by new method of immunization of unique knock-out mice  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2011. - S. 16  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry, 4.-6.11.2011]
- AFH20 Paul Hrabovská, Anna (aut) [UKOFAFT] (80%) - Bernard, Véronique (aut) (10%) - Krejci, Eric (aut) (10%): Brief overview of the novel aspects of striatal acetylcholinesterase  
In: Joint Conference of the Czech and Slovak Neuroscience Societies. - Dunajská Lužná : AHO3, 2011. - S. 27. - ISBN 978-80-969931-6-1  
[Joint Conference of the Czech and Slovak Neuroscience Societies. Smolenice, 18.-21.5.2011]
- AFH21 Paul Hrabovská, Anna (aut) [UKOFAFT] (96%) - Bernard, Véronique (aut) (2%) - Krejci, Eric (aut) (2%): Novel efficient strategy to generate diversity of antibodies  
In: Pecháňová, O. : 87. fyziologické dni. - Bratislava : SAV, 2011. - S. 36-37. - ISBN 978-80-969544-8-3  
[Fyziologické dni. 87., Bratislava, 9.-11.2.2011]
- AFH22 Targošová, Katarína (aut) (40%) - Ondříková, D. (aut) (5%) - Okuliarová, P. (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Detection tool to follow the specific activity of butyrylcholinesterase in human patients  
In: Pecháňová, O. : 87. fyziologické dni. - Bratislava : SAV, 2011. - S. 77. - ISBN 978-80-969544-8-3  
[Fyziologické dni. 87., Bratislava, 9.-11.2.2011]
- AFH23 Targošová, Katarína (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Vývoj detekčnej metódy na štúdium inter-individuálnej variability butyrylcholinesterázy  
In: Drobnicov memoriál 6. ročník. - Bratislava : Petrus, 2011. - S. 57. - ISBN 978-80-970164-3-2  
[Drobnicov memoriál : konferencia mladých vedeckých pracovníkov v odboroch biochémie a molekulárna biológia. 6., Piešťany, 21.-23.9.2011]



- AFH24 Targošová, Katarína (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): The study of inter-individual variability of butrycholinesterase activity in humans  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2011. - S. 15  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry, 4.-6.11.2011]
- AFH25 Valušková, Paulína (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (80%): The effect of various degree of che deficiency on lungs receptor systems  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2011. - S. 18  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry, 4.-6.11.2011]
- AFH26 Valušková, Paulína (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (80%): Optimization of the best conditions for extraction and purification of cholinesterases from serum  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2011. - S. 17  
[1st symposium on Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. Vysoké Tatry, 4.-6.11.2011]
- AFH27 Dingová, Dominika (aut) [UKOFAFT] (45%) - Krejci, Eric (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%): The Ellman´s reagent : does it play some secret role in measuring cholinesterase activity?  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System.- Bratislava : [s.n.], 2012.- S. 4  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 2nd, Vysoké Tatry, 4.-6.10.2012]
- AFH28 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Vplyv Ellmanovho činidla na aktivitu cholinesteráz  
In: 62. Farmakologické dni. - Košice : Equilibria, 2012. - S. 31. - ISBN 978-80-8143-020-6  
[Farmakologické dni. 62., Košice, 25.-27.6.2012]
- AFH29 Kučera, Matej (aut) (50%) - Farár, Vladimír (aut) (10%) - Mysliveček, Jaromír (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Vplyv absencie a vybraných molekulových foriem cholinesteráz na hladiny muskarínových a  $\beta$ -adrenergnýchreceptorov v srdci  
In: 62. Farmakologické dni. - Košice : Equilibria, 2012. - S. 58. - ISBN 978-80-8143-020-6  
[Farmakologické dni. 62., Košice, 25.-27.6.2012]
- AFH30 Kučera, Matej (aut) (40%) - Targošová, Katarína (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%): Stimulation of cardiac function by beta-1 agonist in mice with the absence of various molecular forms of cholinesterases  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2012. - S. 5-6  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 2nd, Vysoké Tatry, 4.-6.10.2012]
- AFH31 Kučera, Matej (aut) (40%) - Targošová, Katarína (aut) (15%) - Krejci, Eric (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%): The effect of neostigmine on isolated heart parametrs in the absence of various molecular forms ofcholinesterases  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System.- Bratislava : [s.n.], 2012.- S. 7  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 2nd, Vysoké Tatry, 4.-6.10.2012]



- AFH32 Mátuš, Marek (aut) [UKOFAFT] (30%) - Bies Piváčková, Lenka (aut) [UKOFAFT] (10%) - Černecká, Hana (aut) [UKOEXAFd] (10%) - Gajdáčová, Beata (aut) (10%) - Klimas, Ján (aut) [UKOFAFT] (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (10%) - Kyselovič, Ján (aut) [UKOLF] (10%) - Křenek, Peter (aut) [UKOFAFT] (10%): Cholinergný systém v rozvoji srdcového zlyhania  
In: 62. Farmakologické dni. - Košice : Equilibria, 2012. - S. 61. - ISBN 978-80-8143-020-6  
[Farmakologické dni. 62., Košice, 25.-27.6.2012]
- AFH33 Riapošová, Lucia (aut) (10%) - Chatzi, Dimitra (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (85%): Molecular cloning and expression of dym gene - production of dymeclin protein  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2012. - S. 14  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 2nd, Vysoké Tatry, 4.-6.10.2012]
- AFH34 Targošová, Katarína (aut) (40%) - Kučera, Matej (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%): The effect of absence different nicotinic receptor subunits on heart parameters in mouse  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System.- Bratislava : [s.n.], 2012.- S. 8  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 2nd, Vysoké Tatry, 4.-6.10.2012]
- AFH35 Targošová, Katarína (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Vplyv absencie alfa7 nikotínovej podjednotky na základné hemodynamické parametre srdca  
In: 62. Farmakologické dni. - Košice : Equilibria, 2012. - S. 70. - ISBN 978-80-8143-020-6  
[Farmakologické dni. 62., Košice, 25.-27.6.2012]
- AFH36 Targošová, Katarína (aut) (45%) - Obžerová, Lucia (aut) (5%) - Lauko, Ján (aut) (3%) - Paulovová, Milada (aut) (2 %) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%): New monoclonal antibodies against mouse butyrylcholinesterase  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2012. - S. 9-10  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 2nd, Vysoké Tatry, 4.-6.10.2012]
- AFH37 Blahútová, K. (aut) (1%) - Černáková, M. (aut) (1%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (80%) - Čorejová, Adela (aut) (18%): Kardiometabolické rizikové faktory, tlak krvi a hmotnostné parametre u hypertonikov  
In: Zborník príspevkov konferencie centier excelentnosti. - Bratislava : Chemický ústav SAV, 2014. - S. 14-15. - ISBN 978-80-971156-2-3  
[Konferencia centier excelentnosti. Bratislava, 25.3.2014]
- AFH38 Borchová, Lucia (aut) (20%) - Kováčová, Barbora (aut) [UKOEXFAFTd] (20%) - Pillár, Peter (aut) (15%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (15%) - Kyselovič, Ján (aut) [UKOLF] (15%) - Čorejová, Adela (aut) (15%): Analýza farmakoterapie hospitalizovaných pacientov = Analysis of drug therapy in hospitalised patients  
In: 64. Česko-slovenské farmakologické dni; 24. Martinské dni dýchania [elektronický zdroj]. - Martin : JLF UK, 2014. - S. 13 [online]. - ISBN 978-80-89544-70-7  
[Česko-slovenské farmakologické dni. 64., Martin, 25.-27.6.2014]  
[Martinské dni dýchania. 24., Martin, 25.-27.6.2014]
- AFH39 Dingová, Dominika (aut) [UKOFAFT] (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Stability of Ellman s reagent in TRIS buffer  
In: Zborník príspevkov konferencie centier excelentnosti. - Bratislava : Chemický ústav SAV, 2014. - S. 11-13.



- ISBN 978-80-971156-2-3  
[Konferencia centier excelentnosti. Bratislava, 25.3.2014]

AFH40 Dingová, Dominika (aut) [UKOFAFT] (34%) - Krejci, Eric (aut) (33%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (33%): Cholinesterázy v srdci myši = Cholinesterases in mouse heart  
In: 64. Česko-slovenské farmakologické dni; 24. Martinské dni dýchania [elektronický zdroj]. - Martin : JLF UK, 2014. - S. 19 [online]. - ISBN 978-80-89544-70-7  
[Česko-slovenské farmakologické dni. 64., Martin, 25.-27.6.2014]  
[Martinské dni dýchania. 24., Martin, 25.-27.6.2014]

AFH41 Kiliánová, Zuzana (aut) [UKOFAFT] (49%) - Riapošová, Lucia (aut) (2%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (49%): Dymeklín: expresia v *Kluyveromyces lactis*  
In: Zborník príspevkov konferencie centier excelentnosti. - Bratislava : Chemický ústav SAV, 2014. - S. 9-10.  
- ISBN 978-80-971156-2-3  
[Konferencia centier excelentnosti. Bratislava, 25.3.2014]

AFH42 Kráľová, Eva (aut) [UKOFAFT] (16%) - Kosírová, Stanislava (aut) [UKOFAFT] (16%) - Čuboň, J. (aut) (16%) - Čižmárová, V. (aut) (16%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (16%) - Stankovičová, Tatiana (aut) [UKOFAFT] (20%): Vplyv metformínu, Pycnogenolu(R) a ich kombinácie na vybrané biometrické a hemodynamické parametre u diabetických a hypertenzno-diabetických srdc potkanov  
In: Zborník príspevkov konferencie centier excelentnosti. - Bratislava : Chemický ústav SAV, 2014. - S. 8. - ISBN 978-80-971156-2-3  
[Konferencia centier excelentnosti. Bratislava, 25.3.2014]

AFH43 Kučera, Matej (aut) (20%) - Mateo, Philippe (aut) (15%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (20%) - Farár, Vladimír (aut) (15%) - Mysliveček, Jaromír (aut) (15%) - Fischmeister, Rodolphe (aut) (15%): Úloha butyrylcholinesterázy vo fyziológii kardiovaskulárneho systému = The role of butyrylcholinesterase in physiology of cardiovascular system  
In: 64. Česko-slovenské farmakologické dni; 24. Martinské dni dýchania [elektronický zdroj]. - Martin : JLF UK, 2014. - S. 49 [online]. - ISBN 978-80-89544-70-7  
[Česko-slovenské farmakologické dni. 64., Martin, 25.-27.6.2014]  
[Martinské dni dýchania. 24., Martin, 25.-27.6.2014]

AFH44 Targošová, Katarína (aut) (34%) - Kučera, Matej (aut) (33%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (33%): Elektrická aktivita srdca u myši s absenciou génu pre M2 podtyp muskarínových receptorov  
In: Zborník príspevkov konferencie centier excelentnosti. - Bratislava : Chemický ústav SAV, 2014. - S. 18-19.  
- ISBN 978-80-971156-2-3  
[Konferencia centier excelentnosti. Bratislava, 25.3.2014]

AFH45 Szmiecseková, Kristína (aut) [UKOFAFT] (25%) - Ondříková, D. (aut) (25%) - Kiliánová, Zuzana (aut) [UKOFAFT] (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Role of butyrylcholinesterase in lipid metabolism  
In: Interdisciplinary Toxicology. - Vol. 10, suppl. 2 (2017), s. 47. - ISSN 1337-6853  
[Česko-slovenské farmakologické dni. 67., Stará Lesná, 2.-4.10.2017]

AFH46 Szmiecseková, Kristína (aut) [UKOFAFT] (14%) - Kiliánová, Zuzana (aut) [UKOFAFT] (14%) - Vetešková, Jana (aut) [UKOFAFT] (12%) - Šranková, Jasna (aut) [UKOFAFT] (12%) - Dingová, Dominika (aut) [UKOFAFT] (12%) - Bies Piváčková, Lenka (aut) [UKOFAFT] (12%) - Křenek, Peter (aut) [UKOFAFT] (12%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (12%): Cholinesterázy v potkanej aorte  
In: 93. fyziologické dni [elektronický dokument] : zborník abstraktov. - Prešov : Universum-EU, 2017. - S. 121 [online]. - ISBN 978-80-89046-98-0  
[Fyziologické dni 2017. 93., Košice, 31.1.-2.2.2017]



AFH47 Paul Hrabovská, Anna (aut) [UKOFAFT] (100%): Nové trendy vo farmakologickom výskume Alzheimerovej choroby  
Alzheimerovej choroby  
In: Farmaceutický obzor. - Roč. 88, č. 7-8 (2019), s. 164-164. - ISSN (print) 0014-8172  
[Lekárnické dni Slovenskej farmaceutickej spoločnosti Milana Lehkého. 45, Bratislava, 05.09.2019 - 06.09.2019]  
[Sympózium o nových liekoch. 34, Bratislava, 05.09.2019 - 06.09.2019]

AFH48 Paul Hrabovská, Anna (aut) [UKOFAFT] (100%): Dopad zmenenej aktivity butyrylcholínesterazy na bezpečnosť farmakoterapie  
bepečnosť farmakoterapie  
In: 29. kongres nemocničného lekárstva : Zborník abstraktov. - Bratislava : Slovenská lekárnická komora, 2021. - S. 23-23. - ISBN 978-80-972124-9-0  
[Kongres nemocničného lekárstva. 29, Bratislava, 21.10.2021 - 22.10.2021]

#### AFK Postery zo zahraničných konferencií

AFK01 Čorejová, Adela (aut) (20%) - Kováčová, Barbora (aut) [UKOEXFAFTd] (20%) - Borchová, Lucia (aut) (20%) - Kyselovič, Ján (aut) [UKOLF] (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (20%): Liekové interakcie vo farmakoterapii hospitalizovaných pacientov  
In: 16. Sympozium klinickej farmacie René Macha. - Hradec Králové : Farmaceutická fakulta, 2014. - S. 55. - ISBN 978-80-260-7216-4  
[Sympozium klinickej farmacie René Macha - Vinobraní zkušeností. 16., Mikulov, 21.-22.11.2014]

#### BCI Skriptá a učebné texty

BCI01 Paul Hrabovská, Anna (aut) [UKOFAFT] (100%): Metodické postupy pre štúdium cholinergnej synapsy. - 1. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2012. - 80 s.  
ISBN 978-80-223-3314-6

BCI02 Stankovičová, Tatiana (aut) [UKOFAFT] (16%) - Čorejová, Adela (aut) (7%) - Foltánová, Tatiana (aut) [UKOFAFT] (7%) - Hamar, Tomáš (aut) [UKOFAJ] (7%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (7%) - Kosírová, Stanislava (aut) [UKOFAFT] (7%) - Kováčsová, Božena (aut) (7%) - Kráľová, Eva (aut) [UKOFAFT] (7%) - Musil, Peter (aut) (7%) - Rajtík, Tomáš (aut) [UKOFAFT] (7%) - Sasváriová, Michaela (aut) [UKOFAFT] (7%) - Vavrínek, Peter (aut) [UKOFAFT] (7%) - Klimas, Ján (aut) [UKOFAFT] (7%): Anatómia a fyziológia [elektronický dokument] : teoretické a praktické návody na cvičenia pre farmaceutov. - 2. preprac. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2019. - 306 s. [CD-ROM]  
ISBN 978-80-223-4696-2

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*Ohlasy (1):*

[o4] 2020 ~ Haláková, M. - Kšiňanová, M. - Bábelová, J.: Slovenčina ako diagnóza. Bratislava : Univerzita Komenského, 2020, S. 188

#### BDF Odborné práce v ostatných domácich časopisoch

BDF01 Paul Hrabovská, Anna [UKOFAFT] - Pauliková, Ingrid [UKOFABM] - Helia, Otto: Kam až siahla pôsobnosť cholinesteráz? = Wherever reaches action of cholinesterase?  
In: Farmaceutický obzor. - Roč. 70, č. 3 (2001), s. 59-67. - ISSN 0014-8172  
AKK-UKOAF-5214 B  
Registrované v: SCO SCOPUS

BDF02 Helia, Otto - Pauliková, Ingrid [UKOFABM] - Paul Hrabovská, Anna [UKOFAFT]: Mikrobiálna biotransformácia liečiv  
In: Pharma Journal. - Roč. 15, č. 2 (2005), s. 41-43. - ISSN 1335-0633



BDF03 Helia, Otto - Pauliková, Ingrid [UKOFABM] - Paul Hrabovská, Anna [UKOFAFT] - Faklová, Eva:  
Metabolizmus xenobiótík v rastlinách  
In: Pharma Journal. - Roč. 16, č. 3 (2006), s. 66-68. - ISSN 1335-0633

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

BEF01 Paul Hrabovská, Anna (aut) [UKOFAFT] (100%): Fyziológia špeciálnych zmyslov  
In: Anatómia a fyziológia. - Bratislava : Univerzita Komenského, 2015. - S. 244-261. - ISBN 978-80-223-3944-5

BEF02 Paul Hrabovská, Anna (aut) [UKOFAFT] (100%): Funkcia bunkovej membrány, receptory  
In: Anatómia a fyziológia. - Bratislava : Univerzita Komenského, 2015. - S. 47-55. - ISBN 978-80-223-3944-5

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

BFA01 Čorejová, Adela (aut) (20%) - Jánošíková, Daniela (aut) (10%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (10%) - Repiský, Juraj (aut) (10%) - Pospíšilová, V. (aut) (10%) - Míková, M. (aut) (10%) - Rauová, Drahomíra (aut) [UKOFAA] (10%) - PaulHrabovská, Anna (aut) [UKOFAFT] (10%) - Kyselovič, Ján (aut) [UKOLF] (10%): Zmeny klinických prejavov pri užívaní metylkobalamínu u pacientov s autizmom  
In: Farmakoterapie ovplyvňujúci glycidový a lipidový metabolismus : 3. Kongres České odborné spoločnosti klinické farmacie ČLSP JEP. - Praha : [s.n.], 2013. - S. 16  
[Farmakoterapie ovplyvňujúci glycidový a lipidový metabolismus : Kongres České odborné spoločnosti klinické farmacie ČLSP JEP. 3., Praha, 27.-28.9.2013]

BFA02 Dingová, Dominika (aut) [UKOFAFT] (45%) - Krejci, Eric (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%): Genetic of cholinesterases in heart  
In: Journée scientifique des doctorants de l'ère année. - Paris : [s.n.], 2013. - S. 90  
[Journée scientifique des doctorants de l'ère année. Paris, 21.3.2013]

BFA03 Kučera, Matej (aut) (30%) - Targošová, Katarína (aut) (30%) - Dingová, Dominika (aut) [UKOFAFT] (8%) - Krejci, Eric (aut) (2%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Role of A7, B2 and B4 nicotinic receptor subunits in heart  
In: 14. International Symposium on Cholinergic Mechanisms. - Hong Kong : University of Science and Technology, 2013. - S. 114  
[International Symposium on Cholinergic Mechanisms. 14., Hangzhou, 5.-9.5.2013]

BFA04 Paul Hrabovská, Anna (aut) [UKOFAFT] (90%) - Krejci, Eric (aut) (10%): New questions about the importance of acetylcholinesterase in brain  
In: 14. International Symposium on Cholinergic Mechanisms. - Hong Kong : University of Science and Technology, 2013. - S. 50  
[International Symposium on Cholinergic Mechanisms. 14., Hangzhou, 5.-9.5.2013]

BFA05 Paul Hrabovská, Anna (aut) [UKOFAFT] (95%) - Krejci, Eric (aut) (5%): Cholinergic system in brain is extremely adaptable  
In: Neuroscience 2013. - Washington : Society for Neuroscience, 2013. - s. [1]  
[Neuroscience 2013. San Diego, 9.-13.2013]

BFA06 Dingová, Dominika (aut) [UKOFAFT] (49%) - Krejci, Eric (aut) (2%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (49%): Localization of cholinesterases in mouse heart  
In: 4th International Symposium on Non-neuronal Acetylcholine. - Giessen : Justus-Liebig University, 2014. - S. 61  
[International Symposium on Non-neuronal Acetylcholine. 4th, Giessen, 28.-30.8.2014]  
[Annual Meeting of the LOEWE-Research Focus Non-neuronal Cholinergic Systems. 3rd, Giessen, 28.-



30.8.2014]

BFA07 Krejci, Eric (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (49%) - Leroy, Jacqueline (aut) (1%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (49%): Molecular mechanisms  
In: 4th International Symposium on Non-neuronal Acetylcholine. - Giessen : Justus-Liebig University, 2014. - S. 35  
[International Symposium on Non-neuronal Acetylcholine. 4th, Giessen, 28.-30.8.2014]  
[Annual Meeting of the LOEWE-Research Focus Non-neuronal Cholinergic Systems. 3rd, Giessen, 28.-30.8.2014]

BFA08 Kučera, Matej (aut) (49%) - Mateo, Philippe (aut) (1%) - Fischmeister, Rodolphe (aut) (1%) - Krejci, Eric (aut) (1%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (48%): Participation of butyrylcholinesterase in cardiovascular physiology  
In: 4th International Symposium on Non-neuronal Acetylcholine. - Giessen : Justus-Liebig University, 2014. - S. 59  
[International Symposium on Non-neuronal Acetylcholine. 4th, Giessen, 28.-30.8.2014]  
[Annual Meeting of the LOEWE-Research Focus Non-neuronal Cholinergic Systems. 3rd, Giessen, 28.-30.8.2014]

BFA09 Kučera, Matej (aut) (49%) - Krejci, Eric (aut) (2%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (49%): BChE is an important part of ventricular cholinergic system  
In: 4th International Symposium on Non-neuronal Acetylcholine. - Giessen : Justus-Liebig University, 2014. - S. 31  
[International Symposium on Non-neuronal Acetylcholine. 4th, Giessen, 28.-30.8.2014]  
[Annual Meeting of the LOEWE-Research Focus Non-neuronal Cholinergic Systems. 3rd, Giessen, 28.-30.8.2014]

BFA10 Kiliánová, Zuzana (aut) [UKOFAFT] (30%) - Dingová, Dominika (aut) [UKOFAFT] (30%) - Szmicseková, Kristína (aut) [UKOFAFT] (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Expression of cholinesterases and their molecular anchors in rat aorta  
In: 12th International Meeting on Cholinesterases-6th International Conference on Paraoxonases. - Alicante : [s.n.], 2015. - Nestr. [1 s.]  
[International Meeting on Cholinesterases. 12th, Alicante, 27.9.-2.10.2015]  
[International Conference on Paraoxonases. 6th, Alicante, 27.9.-2.10.2015]

BFA11 Szmicseková, Kristína (aut) [UKOFAFT] (25%) - Kiliánová, Zuzana (aut) [UKOFAFT] (25%) - Krejci, Eric (aut) (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Cholinesterases in Rat Aorta  
In: Farmakodny [elektronický dokument] : 69. česko-slovenské farmakologické dny. - [S.l.] : [s.n.], 2019. - S. [1-1] [online]  
[Farmakodny. 69, Praha, 11.09.2019 - 13.09.2019]

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

BFB01 Bies Piváčková, Lenka (aut) [UKOFAFT] (25%) - Šrankova, Jasna (aut) [UKOFAFT] (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%) - Křenek, Peter (aut) [UKOFAFT] (25%): Analysis of cholinergic system component mRNA levels in the endothelium- and smooth muscle-enriched RNA isolated from intact rat aorta  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 23-24  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]





- BFB02 Čorejová, Adela (aut) (10%) - Rauová, Drahomíra (aut) [UKOFAA] (9%) - Jánošíková, Daniela (aut) (9%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (9%) - Pospíšilová, Veronika (aut) (9%) - Miková, Mária (aut) (9%) - Repiský, Juraj (aut) (9%) - Babinská, Katarína (aut) [UKOLFFYU] (9%) - Ostatníková, Daniela (aut) [UKOLFFYU] (9%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (9%) - Kyselovič, Ján (aut) [UKOLF] (9%):  
Ovplyvnenie klinických symptómov u pacientov s autizmom  
In: 6. Slovensko-česká konferencia klinickej farmakológie. Racionálna a inovatívna farmakoterapia : Účinnosť - Bezpečnosť - Ekonomika. - Bratislava : SSKF, 2013. - Nestr. [1 s.]  
[Slovensko-česká konferencia klinickej farmakológie. Racionálna a inovatívna farmakoterapia : Účinnosť - Bezpečnosť - Ekonomika. 6., Štrbské Pleso, 24.-26.10.2013]
- BFB03 Dingová, Dominika (aut) [UKOFAFT] (40%) - Leroy, Jacqueline (aut) (3%) - Check, Abel (aut) (3%) - Garaj, Vladimír (aut) [UKOFAFCH] (10%) - Krejci, Eric (aut) (4%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%):  
Detection of low cholinesterase activities in biological samples  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 5-6  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]
- BFB04 Dingová, Dominika (aut) [UKOFAFT] (45%) - Krejci, Eric (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%):  
Molecular forms of cholinesterases in mouse heart  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 7-8  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]
- BFB05 Dingová, Dominika (aut) [UKOFAFT] (45%) - Novotná, Ivana (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%):  
Presence of hybrid enzyme in mice tissues  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 9-10  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]
- BFB06 Kiliánová, Zuzana (aut) [UKOFAFT] (40%) - Riapošová, Lucia (aut) (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%):  
Expression of recombinant Dymeclin protein in *Kluyveromyces lactis*  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 15-16  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]
- BFB07 Kiliánová, Zuzana (aut) [UKOFAFT] (45%) - Danevová, Veronika (aut) (3%) - Prokopová, Barbora (aut) [UKOFAFT] (3%) - Ježová, Daniela (aut) (4%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%):  
Cardio-specific miRNAs in a rat model of depression  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 13-14  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]
- BFB08 Kučera, Matej (aut) (45%) - Mateo, Philippe (aut) (5%) - Fischmeister, Rodolphe (aut) (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%):  
The effect of adrenergic stimulation on paced isolated hearts in the absence of butyrylcholinesterase and anchored forms of acetylcholinesterase  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 19-20  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská



Lomnica, 6.-8.10.2013]

BFB09 Kučera, Matej (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Adrenergic stimulation and acetylcholine application on isolated hearts with the absence of alpha 7 and beta 4 nicotinic receptor subunits  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 17-18  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]

BFB10 Targošová, Katarína (aut) (35%) - Kučera, Matej (aut) (30%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (35%): The basal physiological heart parameters in mouse with absence of alfa7,  $\beta$ 2 and  $\beta$ 4 subunits of nicotinic receptors  
In: Novel Frontiers in Physiology and Pharmacology of the Cholinergic System. - Bratislava : [s.n.], 2013. - S. 11-12  
[Novel Frontiers in Physiology and Pharmacology of the Cholinergic System : Symposium. 3rd, Tatranská Lomnica, 6.-8.10.2013]

### DAI Dizertačné a habilitačné práce

DAI01 Paul Hrabovská, Anna [UKOFAFT]: Účasť butyrylcholinesterázy v hydrolytickom procese benzoylcholínov. - Bratislava : [s.n.], 2005. - 82 s.  
Dizertačná práca (PhD.) - Univerzita Komenského, Bratislava, 2005  
*52-01-9 farmaceutická chémia*

### O2 Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka

O201 Dingová, Dominika (aut) [UKOFAFT] (45%) - Krejci, Eric (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (45%): Distinct distribution of cholinesterases in mouse heart  
In: ISCM 2022 : 17th International Symposium on Cholinergic Mechanisms. - Dubrovnik : Institut za medicinska istraživanja i medicinu rada, 2022. - S. 58-58. - ISBN 978-953-96817-8-2  
[ISCM 2022. 17, Dubrovnik, 08.05.2022 - 12.05.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

O202 Dingová, Dominika (aut) [UKOFAFT] (30%) - Kučera, Matej (aut) [UKOFAFT] (5%) - Krejci, Eric (aut) (1%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (64%): Heart ventricles are secretory source of BChE  
In: Abstract book : 14th International Meeting on Cholinesterases. - Bologna : MCC srl, 2022. - S. [1-1], Poster 14  
[International Meeting on Cholinesterases. 14, Bologna, 18.09.2022 - 21.09.2022]  
*poster z podujatia konferenčný príspevok*

O203 Hodbod, Tibor (aut) [UKOFAFT] (20%) - Szmiecseková, Kristína (aut) [UKOFAFT] (20%) - Trojčáková, Daniela (aut) (20%) - Dingová, Dominika (aut) [UKOFAFT] (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (20%): Úloha butyrylcholinesterázy v etiopatogenéze obezity = Role of butyrylcholinesterase in etiopathogenesis of obesity  
In: Pokroky vo farmakológii v Slovenskej republike 17. - Bratislava : Univerzita Komenského v Bratislave, 2022. - S. 32-38. - ISBN 978-80-223-5483-7  
*príspevok*

O204 Hodbod, Tibor (aut) [UKOFAFT] (40%) - Szmiecseková, Kristína (aut) [UKOFAFT] (10%) - Kiliánová, Zuzana (aut) [UKOFAFT] (5%) - Dingová, Dominika (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%): Impact of high-fat diet-induced obesity on butyrylcholinesterase activity in Wistar rats  
In: Abstract book : 14th International Meeting on Cholinesterases. - Bologna : MCC srl, 2022. - S. [1-1], Poster 17



[International Meeting on Cholinesterases. 14, Bologna, 18.09.2022 - 21.09.2022]  
*poster z podujatia konferenčný príspevok*

O205 Hodbod, Tibor (aut) [UKOFAFT] (10%) - Szmicseková, Kristína (aut) [UKOFAFT] (20%) - Kiliánová, Zuzana (aut) [UKOFAFT] (10%) - Dingová, Dominika (aut) [UKOFAFT] (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): The effect of high-fat diet on the cholinergic system  
In: ISCM 2022 : 17th International Symposium on Cholinergic Mechanisms. - Dubrovnik : Institut za medicinska istraživanja i medicinu rada, 2022. - S. 60-60. - ISBN 978-953-96817-8-2  
[ISCM 2022. 17, Dubrovnik, 08.05.2022 - 12.05.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

O206 Kiliánová, Zuzana (aut) [UKOFAFT] (80%) - Čižnárová, Natália (aut) [UKOFAFT] (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (10%): Expression of cholinesterases and their anchoring proteins in rat heart  
In: ISCM 2022 : 17th International Symposium on Cholinergic Mechanisms. - Dubrovnik : Institut za medicinska istraživanja i medicinu rada, 2022. - S. 61-61. - ISBN 978-953-96817-8-2  
[ISCM 2022. 17, Dubrovnik, 08.05.2022 - 12.05.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

O207 Markusková, Lucia (aut) [UKOFAFT] (25%) - Javorová-Rihová, Zuzana (aut) [UKOFAFT] (5%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (5%) - Martinkovičová, Anna (aut) (5%) - Rábarová, Daria (aut) (5%) - Soľavová, Mária (aut) (5%) - Dingová, Dominika (aut) [UKOFAFT] (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%): Changes in the cholinergic system in patients with severe COVID-19  
In: ISCM 2022 : 17th International Symposium on Cholinergic Mechanisms. - Dubrovnik : Institut za medicinska istraživanja i medicinu rada, 2022. - S. 65-65. - ISBN 978-953-96817-8-2  
[ISCM 2022. 17, Dubrovnik, 08.05.2022 - 12.05.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

O208 Markusková, Lucia (aut) [UKOFAFT] (20%) - Javorová-Rihová, Zuzana (aut) [UKOFAFT] (3%) - Rábarová, Daria (aut) (1%) - Soľavová, M. (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (70%): Prognostic markers of severe COVID-19  
In: 30. Kongres nemocničného lekárstva : Farmaceutická starostlivosť pre špecifické skupiny pacientov. - Bratislava : Slovenská lekárska komora, 2022. - S. 18-19. - ISBN 978-80-974013-4-4  
[Kongres nemocničného lekárstva. 30, Bratislava, 13.10.2022 - 14.10.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

O209 Markusková, Lucia (aut) [UKOFAFT] (40%) - Javorová-Rihová, Zuzana (aut) [UKOFAFT] (1%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (10%) - Martinkovičová, Anna (aut) (1%) - Rábarová, Daria (aut) (1%) - Soľavová, M. (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (6%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%): Butyrylcholinesterase as a prognostic marker of severe COVID-19  
In: Abstract book : 14th International Meeting on Cholinesterases. - Bologna : MCC srl, 2022. - S. 56-56  
[International Meeting on Cholinesterases. 14, Bologna, 18.09.2022 - 21.09.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

O210 Paul Hrabovská, Anna (aut) [UKOFAFT] (45%) - Dingová, Dominika (aut) [UKOFAFT] (40%) - Kučera, Matej (aut) [UKOFAFT] (5%) - Fischmeister, R. (aut) (5%) - Krejci, Eric (aut) (5%): Characterization of cholinesterases in heart implications for treatment of cardiac pathologies  
In: Abstract book : 14th International Meeting on Cholinesterases. - Bologna : MCC srl, 2022. - S. 24-24  
[International Meeting on Cholinesterases. 14, Bologna, 18.09.2022 - 21.09.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

O211 Targošová, Katarína (aut) [UKOFAFT] (25%) - Kučera, Matej (aut) [UKOFAFT] (25%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Cardiac nicotinic receptors show beta-subunit-dependent compensatory changes = Cardiac nicotinic receptors show? - subunit-dependent compensatory changes



In: ISCM 2022 : 17th International Symposium on Cholinergic Mechanisms. - Dubrovnik : Institut za medicinska istraživanja i medicinu rada, 2022. - S. 52-52. - ISBN 978-953-96817-8-2  
[ISCM 2022. 17, Dubrovnik, 08.05.2022 - 12.05.2022]  
*abstrakt z podujatia - KP konferenčný príspevok*

### O3 Odborný výstup publikačnej činnosti z časopisu

O301 Kiliánová, Zuzana (aut) [UKOFAFT] (90%) - Dingová, Dominika (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (5%): COVID-19 - čo sme sa naučili a aké sú možnosti liečby  
In: Farmaceutický obzor. - Roč. 91, č. 2 (2022), s. 33-33. - ISSN (print) 0014-8172  
[Jarná konferencia klinickej farmácie. 9, Bratislava, 16.03.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*

O302 Paul Hrabovská, Anna (aut) [UKOFAFT] (70%) - Markusková, Lucia (aut) [UKOFAFT] (20%) - Javorová-Rihová, Zuzana (aut) [UKOFAFT] (1%) - Rábarová, Daria (aut) (1%) - Soľavová, Mária (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (7%): Rizikové faktory ťažkého priebehu ochorenia COVID-19  
In: Farmaceutický obzor. - Roč. 91, č. 2 (2022), s. 34-34. - ISSN (print) 0014-8172  
[Jarná konferencia klinickej farmácie. 9, Bratislava, 16.03.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*

### P1 Pedagogický výstup publikačnej činnosti ako celok

P101 Kosírová, Stanislava (aut) [UKOFAFT] (20%) - Kráľová, Eva (aut) [UKOFAFT] (15%) - Foltánová, Tatiana (aut) [UKOFAFT] (10%) - Rajtík, Tomáš (aut) [UKOFAFT] (10%) - Kiliánová, Zuzana (aut) [UKOFAFT] (10%) - Dingová, Dominika (aut) [UKOFAFT] (10%) - Bies Piváčková, Lenka (aut) [UKOFAFT] (10%) - Kulscár, Attila (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (5%) - Klimas, Ján (aut) [UKOFAFT] (5%): Selected questions for the pathology exam for pharmacy students [elektronický dokument]. - 1. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2022. - 509 s. [19,01 AH] [online]  
ISBN 978-80-223-5508-7  
*pracovný zošit*

P102 Kosírová, Stanislava (aut) [UKOFAFT] (20%) - Kráľová, Eva (aut) [UKOFAFT] (15%) - Foltánová, Tatiana (aut) [UKOFAFT] (10%) - Rajtík, Tomáš (aut) [UKOFAFT] (10%) - Kiliánová, Zuzana (aut) [UKOFAFT] (10%) - Dingová, Dominika (aut) [UKOFAFT] (10%) - Bies Piváčková, Lenka (aut) [UKOFAFT] (10%) - Kulscár, Attila (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (5%) - Klimas, Ján (aut) [UKOFAFT] (5%): Vybrané otázky ku skúške z patológie pre študentov farmácie [elektronický dokument]. - 1. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2022. - 540 s. [19,51 AH] [online]  
ISBN 978-80-223-5507-0  
*pracovný zošit*

### V1 Vedecký výstup publikačnej činnosti ako celok

V101 - Paul Hrabovská, Anna (edt) [UKOFAFT] (100%): Pokroky vo farmakológii v Slovenskej republike 18. - 1. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2023. - 56 s. [3,32 AH] [print] [online]  
*Venované spomienke na priekopníkov slovenskej experimentálnej a klinickej farmakológie prof. MUDr. Františka Šveca, Dr.Sc. a prof. MUDr. Pavla Šveca, Dr.Sc.*  
ISBN 978-80-223-5698-5. - ISBN 978-80-223-5699-2  
*zborník - vedecký*

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

V201 Mysliveček, Jaromír (aut) (50%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (50%): Mechanizmy účinku farmak pôsobících na nervový systém a jejich interakce



In: Mysliveček, J. : Základy neurovied. 3., aktual. vyd. - Praha : Nakladateľství Triton, 2022. - S. 388-405 [0,83 AH]. - ISBN 978-80-7684-007-2  
AKK-UKOAF-5214 B

### V3 Vedecký výstup publikačnej činnosti z časopisu

- V301 Čorejová, Adela (aut) [KAUT] (10%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (10%) - Jánošíková, Daniela (aut) (10%) - Repiský, Juraj (aut) (10%) - Pospíšilová, Veronika (aut) (10%) - Míková, Mária (aut) (10%) - Rauová, Drahomíra (aut) [UKOFAA] (10%) - Ostatníková, Daniela (aut) [UKOLFFYU] (10%) - Kyselovič, Ján (aut) (10%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (10%): Improvement of the clinical and psychological profile of patients with autism after methylcobalamin syrup administration  
In: Nutrients. - Roč. 14, č. 10 (2022), s. [1-17], art. no. 2035. - ISSN (online) 2072-6643  
AKK-UKOAF-5214 A+  
*článok*  
*Registrované v:* WOS CC Web of Science Core Collection  
SCO SCOPUS  
OA Open access  
*Indikátor časopisu:* IF (JCR) 2022=5.9  
AIS (JCR) 2022=1.103  
*Kvartil Q:* wos-jcr -- Q1 [Nutrition & dietetics] -- 2022  
wos-ais -- Q2 [Nutrition & dietetics] -- 2022  
*Ohlasy (3):*  
[n1] 2023 zz ~ Roufael, M. - Bitar, T. - Sacre, Y. - Andres, C. - Hleihel, W.: Folate-Methionine Cycle Disruptions in ASD Patients and Possible Interventions: A Systematic Review. In: Genes, Vol. 14, No. 3, 2023, art.no. 709 -- SCI ; SCOPUS  
[n1] 2023 zz ~ Al-Beltagi, M. - Saeed, N.K. - Bediwy, A.S. - Elbeltagi, R. - Alhawamdeh, R.: Role of gastrointestinal health in managing children with autism spectrum disorder. In: World Journal of Clinical Pediatrics, Vol. 12, No. 4, 2023, s. 171 - 196 -- SCOPUS  
[n1] 2024 zz ~ Frye, R.E. - McCarty, P.J. - Werner, B.A. - Scheck, A.C. - Collins, H.L. - Adelman, S.J. - Rossignol, D.A. - Quadros, E.V.: Binding Folate Receptor Alpha Autoantibody Is a Biomarker for Leucovorin Treatment Response in Autism Spectrum Disorder. In: Journal of Personalized Medicine, vol. 14, no. 1, 2024, art. no. 62 -- SCI ; SCOPUS
- V302 Hodbod, Tibor (aut) [UKOFAFT] (16.67%) - Szmicseková, Kristína (aut) [UKOFAFT] (16.666%) - Murčo, Dávid (aut) (16.666%) - Kiliánová, Zuzana (aut) [UKOFAFT] (16.666%) - Dingová, Dominika (aut) [UKOFAFT] (16.666%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (16.666%): Changes of Serum Cholinesterases Activity in Obese Wistar Rats  
In: European Pharmaceutical Journal [elektronický dokument]. - Roč. 69, č. S1 (2022), s. 39-39 [online]. - ISSN (online) 2453-6725  
[Česko-Slovenské farmakologické dni. 70, Bratislava, 22.06.2022 - 24.06.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*
- V303 Markusková, Lucia (aut) [UKOFAFT] (30%) - Javorová-Rihová, Zuzana (aut) [UKOFAFT] (10%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (10%) - Martinkovičová, Anna (aut) (13%) - Rábarová, Daria (aut) (1%) - Soľavová, M. (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Polypharmacy and comorbidities in older patients with COVID-19  
In: International Journal of Clinical Pharmacy. - Roč. 44, č. 6 (2022), s. 1525-1525. - ISSN (print) 2210-7703 [ESCP Symposium on clinical pharmacy, polypharmacy and ageing-highly individualized, interprofessional, person-centered care. 50, Praha, 19.10.2022 - 21.10.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*
- V304 Markusková, Lucia (aut) [UKOFAFT] (25%) - Javorová-Rihová, Zuzana (aut) [UKOFAFT] (7%) - Fazekaš, Tomáš (aut) [UKOFAFYZ] (20%) - Martinkovičová, Anna (aut) (1%) - Rábarová, Daria (aut) (1%) -



- Soľavová, Mária (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (25%): Serum Butyrylcholinesterase Activity in Patients With Severe Covid-19  
In: European Pharmaceutical Journal [elektronický dokument]. - Roč. 69, č. S1 (2022), s. 57-57 [online]. - ISSN (online) 2453-6725  
[Česko-Slovenské farmakologické dni. 70, Bratislava, 22.06.2022 - 24.06.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*
- V305 Martinkovičová, Anna (aut) (7%) - Markusková, Lucia (aut) [UKOFAFT] (30%) - Javorová-Rihová, Zuzana (aut) [UKOFAFT] (1%) - Fazekas, Tomáš (aut) [UKOFAFYZ] (10%) - Rábarová, Daria (aut) (1%) - Soľavová, Mária (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (20%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (30%): Risk Factors for Severe Course of Covid-19  
In: European Pharmaceutical Journal [elektronický dokument]. - Roč. 69, č. S1 (2022), s. 58-58 [online]. - ISSN (online) 2453-6725  
[Česko-Slovenské farmakologické dni. 70, Bratislava, 22.06.2022 - 24.06.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*
- V306 Polyáková, Lucia (aut) (1%) - Šoltýsová, Andrea (aut) (5%) - Szmiecseková, Kristína (aut) [UKOFAFT] (4%) - Dingová, Dominika (aut) [UKOFAFT] (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (80%): A Novel BCHE Mutation Observed in a Patient Sensitiveto Succinylcholine  
In: European Pharmaceutical Journal [elektronický dokument]. - Roč. 69, č. S1 (2022), s. 56-56 [online]. - ISSN (online) 2453-6725  
[Česko-Slovenské farmakologické dni. 70, Bratislava, 22.06.2022 - 24.06.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*
- V307 Sládečková, Žofia (aut) (10%) - Paul Hrabovská, Anna (aut) [UKOFAFT] (40%) - Dingová, Dominika (aut) [UKOFAFT] (50%): The Stability of Butyrylcholinesterase in Biological Samples  
In: European Pharmaceutical Journal [elektronický dokument]. - Roč. 69, č. S1 (2022), s. 66-66 [online]. - ISSN (online) 2453-6725  
[Česko-Slovenské farmakologické dni. 70, Bratislava, 22.06.2022 - 24.06.2022]  
*abstrakt z podujatia - ČL konferenčný príspevok*
- V308 Markusková, Lucia (aut) [UKOFAFT] (27%) - Javorová-Rihová, Zuzana (aut) (10%) - Fazekas, Tomáš (aut) [UKOFAFYZ] (20%) - Martinkovičová, Anna (aut) (5%) - Havriško, Martina (aut) (1%) - Dingová, Dominika (aut) [UKOFAFT] (5%) - Soľavová, Mária(aut) (1%) - Rábarová, Daria (aut) (1%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (30%): Serum butyrylcholinesterase as a marker of COVID-19 mortality: Results of the monocentric prospective observational study  
In: Chemico-Biological Interactions [elektronický dokument]. - č. 381 (2023), s. [1-9], art. no. 110557 [print]. - ISSN (print) 0009-2797  
AKK-UKOAF-5214 A+  
*článok*  
*Registrované v:* CCC Current Content Connect  
WOS CC Web of Science Core Collection  
SCO SCOPUS  
MEDLINE  
Nordic list Norwegian Register for Scientific Journals, Series and Publishers  
*Indikátor časopisu:* IF (JCR) 2022=5.1  
AIS (JCR) 2022=0.683  
Nordic List Level (Norwegian Register for Scientific Journals, Series and Publishers) 2023=1  
*Kvartil Q:* wos-jcr -- Q1 [Pharmacology & pharmacy] -- 2022  
wos-jcr -- Q1 [Toxicology] -- 2022  
wos-jcr -- Q2 [Biochemistry & molecular biology] -- 2022  
wos-ais -- Q2 [Pharmacology & pharmacy] -- 2022  
wos-ais -- Q2 [Toxicology] -- 2022



wos-ais -- Q3 [Biochemistry & molecular biology] -- 2022

V309 Targošová, Katarína (aut) [UKOFAFT] (25%) - Kučera, Matej (aut) [UKOFAFT] (14%) - Fazekaš, Tomáš (aut) [UKOFAYZ] (5%) - Kiliánová, Zuzana (aut) [UKOFAFT] (1%) - Stankovičová, Tatiana (aut) [UKOFAFT] (5%) - Paul Hrabovská, Anna (aut) [KAUT] [UKOFAFT] (50%):  $\alpha 7$  nicotinic receptors play a role in regulation of cardiac hemodynamics  
In: Journal of Neurochemistry. - Roč. 168, č. 4 (2024), s. 414-427. - ISSN (print) 0022-3042  
[International Symposium on Cholinergic Mechanisms. 17, Dubrovnik, 08.05.2022 - 12.05.2022]  
AKK-UKOAF-5214 A+  
*článok z podujatia - konferenčný príspevok*  
Registrované v: WOS CC Web of Science Core Collection  
CCC Current Content Connect  
SCO SCOPUS  
OA Open access  
SCIE Science Citation Index Expanded  
Indikátor časopisu: IF (JCR) 2022=4.7  
AIS (JCR) 2022=1.177  
Kvartil Q: wos-jcr -- Q2 [Neurosciences] -- 2022  
wos-jcr -- Q2 [Biochemistry & molecular biology] -- 2022  
wos-ais -- Q2 [Neurosciences] -- 2022  
wos-ais -- Q2 [Biochemistry & molecular biology] -- 2022