

Publikácie / Publications

Institute: SAVCEM - Centrum experimentálnej medicíny SAV
Year of publication 2016~2021

Statistics publication category

AAA	Scientific monographs published abroad	1
ABC	Chapters in scientific monographs published abroad	24
ABD	Chapters in scientific monographs published in Slovak publishing houses	4
ACB	Academic/university textbooks published in Slovak publishing houses	1
ACD	Chapters in academic/university textbooks published in Slovak publishing houses	1
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	314
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	26
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	17
ADFB	Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)	28
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	82
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ADNA	Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus	4
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AECA	Scientific papers in foreign peer-reviewed proceedings and shorter chapters in foreign scientific monographs or academic/university textbooks	27
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AEDB	Shorter scientific papers or academic/university textbooks published separately in Slovak publishing houses	1
AEGA	Abstracts of scientific papers published in foreign impacted journals registered in Current Contents Connect	1
AEMA	Abstracts of scientific papers published in foreign impacted journals registered in Web of Science Core Collection or Scopus	106
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AFL	Domestic conferences posters	158
AGJ	Patent applications, utility model applications, design applications, trademark applications, applications for granting supplementary protection certificate, applications for registration of topographies of semiconductor products, designations of origin applications, geographical indications of goods and products applications, breeder's certificate applications	5
BCI	University course materials and instructional texts	1
BDA	Entries in professional terminological dictionaries and encyclopedias published in foreign publishing houses	1
BDCA	Professional papers in foreign impacted journals registered in Current Contents Connect	1
BDE	Professional papers in other foreign journals (not registered in CCC)	1
BDF	Professional papers in other domestic journals (not registered in CCC)	3
BDMA	Professional papers in foreign impacted journals registered in Web of Sciences Core Collection or Scopus	3
BDMB	Professional papers in foreign non-impacted journals registered in Web of Sciences Core Collection or Scopus	1
BEE	Professional papers in foreign proceedings (conference/non-conference; peer-reviewed/non-peer-reviewed)	1
BEF	Professional papers in domestic proceedings (conference/non-conference; peer-reviewed/non-peer-reviewed)	3
DAI	Dissertations and habilitation theses	30
EDJ	Overview works, professional publications, translations of norms and standards and other professional translations published in journals and proceedings/collective publications	1
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	19
GHG	Works published on the internet	53
GII	Other publications and documents which is not possible to categorize into classes/categories mentioned above	272
Count		1796

AAA Scientific monographs published abroad

AAA01 BRUCKNEROVÁ, Ingrid - TRNKA, Michal - BRUCKNEROVÁ, Jana - CINKOVÁ, Nikola - DUBOVICKÝ, Michal - FARKAŠ, Michal - FOLTAN, Tomáš - KOLNÍKOVÁ, Miriam - KOPÁNI, M. - KOSNÁČOVÁ, Helena - LAUROVIČOVÁ, Miroslava - LETENAYOVÁ, Ivana - MACH, Mojmír - MIČEVOVÁ, Jana - MUSILOVÁ, Tereza - NEDOMOVÁ, Barbora -

PLAVČANOVÁ, Zuzana - POKORNÁ, Pavla - ŠEMBEROVÁ, J. - ŠTOURAC, Petr - TITTEL, Peter - TOMČÍKOVÁ, Dana - UJHÁZY, Eduard - VITOVIC, Pavol - WAGNER, Alexandra - ZUBALOVÁ, Eva. *Zdravé diéta : Farby života*. Recenzenti: Anna Holomáňová, Radek Ptáček. 1. vydanie. Praha : Evropská asociace pro fototerapii, 2021. 258 s. ISBN 978-80-87861-16-5

ABC Chapters in scientific monographs published abroad

- ABC01 BARTEKOVÁ, Monika - FERENCZYOVÁ, Kristína - JELEMENSKÝ, Marek - DHALLA, Naranjan S. Role of Oxidative Stress and Cardiovascular Risk Factors in Ischemic Heart Disease. In *Oxidative Stress in Heart Diseases*. - Singapore : Springer, 2019, p. 375-394. ISBN 978-981-13-8272-7.
- ABC02 BARTEKOVÁ, Monika - BARANČÍK, Miroslav - DHALLA, Naranjan S. Role of Oxidative Stress in Subcellular Defects in Ischemic Heart Disease. In *Advances in Biochemistry in Health and Disease : Biochemistry of Oxidative Stress*. Vol. 16. - Springer International Publishing, 2016, p. 129-146. ISBN 978-3-319-45864-9.
- ABC03 BAUEROVÁ, Katarína** - KUCHARSKÁ, Jarmila - PONIŠT, Silvester - SLOVÁK, Lukáš - ŠVÍK, Karol - JAKUŠ, Vladimír - MUCHOVÁ, Jana. The Role of Endogenous Antioxidants in the Treatment of Experimental Arthritis. In *Antioxidants*. - London : IntechOpen, 2019, chapter 8, p. 1-23. ISBN 978-1-78923-920-1. Dostupné na: <https://doi.org/10.5772/intechopen.85568>
- ABC04 ČAČÁNYIOVÁ, Soňa - BERÉNYIOVÁ, Andrea. In vitro measurement of H₂S-mediated vasoactive responses. In *Vascular Effects of Hydrogen Sulphide : Methods and Protocols*. - Springer Nature, 2019, p. 89-107. (2018: 0.605 - SJR, Q3 - SJR). ISBN 978-1-4939-9527-1.
- ABC05 EGAN BEŇOVÁ, Tamara - SZEIFFOVÁ BAČOVÁ, Barbara - VICZENCZOVÁ, Csilla - BARANČÍK, Miroslav - TRIBULOVÁ, Narcisa. Myocardial Connexin-43 is Implicated in the Prevention of Malignant Arrhythmia in Rats Suffering from Essential Hypertension. In *Update on Essential Hypertension*. - INTECH, 2016, p. 185-207. ISBN 978-953-51-4738-1.
- ABC06 ELIMBAN, Vijayan - BARTEKOVÁ, Monika - XU, Yan-Jun - DHALLA, Naranjan S. Regulation of Membrane Na⁺-K⁺ ATPase in Health and Disease. In *Advances in Biochemistry in Health and Disease : Regulation of Membrane Na⁺-K⁺ ATPase*. Vol. 15. - Springer International Publishing, 2016, p. 311-322. ISBN 978-3-319-24748-9. Dostupné na: https://doi.org/10.1007/978-3-319-24750-2_18
- ABC07 KANNAN, Subburaj - ELIMBAN, Vijayan - BOGAERT, Pascal - BARTEKOVÁ, Monika - DHALLA, Naranjan S. Regulation of Ca²⁺/Mg²⁺ Ecto-ATPase in the Heart. In *Advances in Biochemistry in Health and Disease : Regulation of Ca²⁺-ATPases, V-ATPases and F-ATPases*. Vol. 14. - Springer International Publishing, 2016, p. 117-134. ISBN 978-3-319-24778-6. Dostupné na: https://doi.org/10.1007/978-3-319-24780-9_8

- ABC08 KOŠUTZKÁ, Zuzana - FIETZEK, Urban M. - VALKOVIČ, Peter. Clinical trials for gait disorders in Parkinson's disease : chapter 6. In *Clinical Trials in Parkinson's Disease*. - Springer Nature, 2021, p. 137-159. ISBN 978-1-0716-0911-8. Dostupné na: https://doi.org/10.1007/978-1-0716-0912-5_6
- ABC09 KRISTEK, František - GRMAN, Marián - ONDRIAŠ, Karol. In vivo measurement of H₂S, polysulfides, and "SSNO– Mix"-Mediated vasoactive responses and evaluation of ten hemodynamic parameters from rat arterial pulse waveform. In *Vascular Effects of Hydrogen Sulphide : Methods and Protocols*. - Springer Nature, 2019, p. 109-124. (2018: 0.605 - SJR, Q3 - SJR). ISBN 978-1-4939-9527-1. Dostupné na: https://doi.org/10.1007/978-1-4939-9528-8_8
- ABC10 KUNCÍROVÁ, Viera - SLOVÁK, Lukáš - PONIŠT, Silvester - BAUEROVÁ, Katarína. Improvement of Standard Antirheumatic Therapy by Phytochemicals. In *Bioactive Food as Dietary Interventions for Arthritis and Related Inflammatory Diseases*. Second Edition. - Academic Press, Elsevier, 2019, p. 69-93. ISBN 978-0-12-813820-5. Dostupné na: <https://doi.org/10.1016/B978-0-12-813820-5.00005-2>
- ABC11 KURA, Branislav - BAGCHI, Ashim K. - AKOLKAR, Gauri - SINGAL, Pawan K. - SLEZÁK, Ján. Myocardial Changes after Mediastinal Irradiation in Rats: Molecular Mechanisms and Potential Targets to Minimize the Adverse Effects. In *Adaptation Biology and Medicine*. Volume 8. Current Trends. - New Delhi : Narosa Publishing House, 2017, p. 93-122. ISBN 978-81-8487-567-6.
- ABC12 LOSECAAT VERMEER, AB. - RIEČANSKÝ, Igor - EISENEGGER, Christoph. Competition, testosterone, and adult neurobehavioral plasticity. In *Progress in Brain Research : Motivation Theory, Neurobiology and Applications*. - Amsterdam : Elsevier B.V., 2016, p. 213-238. ISBN 978-0-444-63701-7. Dostupné na: <https://doi.org/10.1016/bs.pbr.2016.05.004>
- ABC13 MARÔNEK, Milan - NOVÁK, Igor - MICHALEC, Ivan - MATYAŠOVSKÝ, Ján - JURKOVIČ, Peter** - VALACHOVÁ, Katarína - ŠOLTÉS, Ladislav. Analysis of fumes arising during fabrication of hybrid adhesive-laser joints. In *Chemistry and chemical Engineering for Sustainable Development: Best Practices and Research Directions*. - CRC Press, Apple Academic Press, 2021, chapter 11, [23 p.]. ISBN 978-1-77188-870-7. Dostupné na: <https://doi.org/10.1201/9780367815967-11>
- ABC14 PONIŠT, Silvester** - ZLOH, Miloslav - BAUEROVÁ, Katarína. Impact of Oxidative Stress on Inflammation in Rheumatoid and Adjuvant Arthritis: Damage to Lipids, Proteins, and Enzymatic Antioxidant Defense in Plasma and Different Tissues. In *Animal Models in Medicine and Biology*. - London : IntechOpen, 2020, chapter 12, p. 195-217. ISBN 978-1-83880-012-3. Dostupné na internete: <<https://www.intechopen.com/books/animal-models-in-medicine-and-biology/impact-of-oxidative-stress-on-inflammation-in-rheumatoid-and-adjuvant-arthritis-damage-to-lipids-pro>>
- ABC15 PONIŠT, Silvester - PRUŽINSKÁ, Katarína - BAUEROVÁ, Katarína**. Inflammation in the Pathogenesis of Rheumatoid Arthritis and in Experimental

Arthritis: Evaluation of Combinations of Carnosic Acid and Extract of *Rhodiola rosea* L. with Methotrexate. In *Inflammation in 21st Century*. - London : IntechOpen, 2021, chapter 12, p. 175-195, 21 p. ISBN 978-1-83968-641-2. Dostupné na: <https://doi.org/10.5772/intechopen.99073>

- ABC16 PONIŠT, Silvester - SLOVÁK, Lukáš - FEDOROVA, Tatiana - DRÁFI, František - RAČKOVÁ, Lucia - VALACHOVÁ, Katarína - BAUEROVÁ, Katarína. Protective effects of carnosine and its derivative trolox-carnosine against inflammation and oxidative stress in experimental arthritis, carrageenan induced hind paw edema, chondrocytes under H₂O₂ injury and degradation of hyaluronan : chapter 5. In *Carnosine : physiological effects and research insights*. - New York : Nova Science Publisher, 2016, p. 159-191. ISBN 978-1-53610-153-9.
- ABC17 SEDLIAČIK, Ján** - MATYAŠOVSKÝ, Ján - JURKOVIČ, Peter - ŠMIDRIAKOVÁ, Mária - ŠOLTĚS, Ladislav. Modification of urea-formaldehyde resin with collagen biopolymers. In *Applied Chemistry and Chemical Engineering*. Volume 1. Mathematical and Analytical Techniques. - Waretown, New Jersey : CRC Press, Apple Academic Press, 2018, p. 275-297. ISBN 978-1-77188-515-7.
- ABC18 ŠOLTĚS, Ladislav - VALACHOVÁ, Katarína**. Biopolymer Hyaluronan Messenging the Status of Synovial Joints. In *Advances in Chemistry Research*. Volume 46. Series: Advances in Chemistry Research. - Hauppauge, NY : Nova Science Publishers, 2018, p. 157-180. ISBN 978-1-53614-216-7.
- ABC19 TAMER ABD-EL RAZIK, Tamer Mahmoud - VALACHOVÁ, Katarína - OMER, Ahmed Mohamed - SABET, Maysa M. - ŠOLTĚS, Ladislav. Effects of glutathione, phosphonate or sulfonated chitosans and their combination on scavenging free radicals. In *High-Performance Materials and Engineered Chemistry*. Series: Innovations in Physical Chemistry. - Waretown, New Jersey : CRC Press, Apple Academic Press, 2018, p. 371-389. ISBN 978-1-77188-598-0.
- ABC20 VALACHOVÁ, Katarína** - HAFEZ, Elsayed E. - NAGY, Milan - ŠOLTĚS, Ladislav. Antioxidative Properties of Punica granatum, Peganum harmala, Dianthus caryophyllus, and Vitis vinifera Extracts against Free Radicals. In *Green Chemistry and Biodiversity : Principles, Techniques, and Correlations*. - Burlington, Ontario : CRC Press, Apple Academic Press, 2020, p. 135-152. ISBN 9781771887946.
- ABC21 VALACHOVÁ, Katarína** - TOPOĽSKÁ, Dominika - NAGY, Milan - JURÁNEK, Ivo - ŠOLTĚS, Ladislav. Antioxidative Activity of Azadirachta indica, Ocimum Tenuiflorum, and Withania Somnifera : chapter 4. In *Physical Chemistry for Chemists and Chemical Engineers: Multidisciplinary Research Perspectives*. Innovations in Physical Chemistry: Monography Series. - Oakville, Ontario : Apple Academic Press, CRC Press, 2019, p.75-93. ISBN 978-1-77188-655-0. Dostupné na internete: <<https://www.crcpress.com/Physical-Chemistry-for-Chemists-and-Chemical-Engineers-Multidisciplinary/Vakhrushev-Haghi-de-Julian-Ortiz/p/book/9781315146584>>
- ABC22 VALACHOVÁ, Katarína** - TAMER ABD-EL RAZIK, Tamer Mahmoud - VEVERKA, Miroslav - ŠOLTĚS, Ladislav. Preparation of Two Quercetin Derivatives and Evaluation of Their Antioxidative Activity : chapter 10. In

Engineering Technology and Industrial Chemistry with Applications : Innovations in Physical Chemistry: Monograph Series. - Oakville, Ontario : Apple Academic Press, CRC Press, 2019, p. 189-208. ISBN 978-1-77188-637-6. Dostupné na internete: <<https://www.crcpress.com/Engineering-Technology-and-Industrial-Chemistry-with-Applications/Haghi-Torrens/p/book/9781771886376>>

ABC23 VALACHOVÁ, Katarína** - TOPOLSKÁ, Dominika - MENDICHI, Raniero - RYCHLÝ, Jozef - ŠOLTĚS, Ladislav. Protective effects of catalase indicate hydrogen peroxide involvement in hyaluronan degradation initiated by Cu(II) ions plus ascorbate in situ. In *Applied Chemistry and Chemical Engineering*. Volume 2. Principles, Methodology, and Evaluation Methods. - Oakville, Ontario : CRC Press, Apple Academic Press, 2018, p. 157-170. ISBN 978-1-77188-558-4.

ABC24 VAŠÍČEK, Ondřej - PEREČKO, Tomáš - JANČINOVÁ, Viera - PAŽOUREKOVÁ, Silvia - NOSÁL, Radomír - ČÍŽ, Milan. Chemiluminescence: A sensitive method for detecting the effects of Histamine receptor agonists/antagonists on neutrophil oxidative burst : chapter 7. In *Histamine Receptors as Drug Targets*. - Springer Science - Humana Press, 2017, p. 183-208. ISBN 978-1-4939-6841-1. Dostupné na: https://doi.org/10.1007/978-1-4939-6843-5_7

ABD Chapters in scientific monographs published in Slovak publishing houses

ABD01 LEDVĚNYIOVÁ-FARKAŠOVÁ, Veronika - RAVINGEROVÁ, Táňa. Účinnosť aktivácie vlastných kardioprotektívnych mechanizmov v závislosti od pohlavia a veku. In *Nové strategické prístupy v experimentálnej kardioprotekcii*. - Banská Bystrica : Preveda, 2016, s. 41-59. ISBN 978-80-970712-9-5.

ABD02 KANCIROVÁ, Ivana - JAŠOVÁ, Magdaléna. Mitochondrie ako hlavné efekторы mechanizmov endogénnej ochrany myokardu. In *Nové strategické prístupy v experimentálnej kardioprotekcii*. - Banská Bystrica : Preveda, 2016, s. 72-89. ISBN 978-80-970712-9-5.

ABD03 KINDERNAY, Lucia. Vplyv dospievania na odpoveď myokardu na ischémiu a na adaptačné procesy v srdci potkana: štúdium molekulárnych mechanizmov. In *Nové strategické prístupy v experimentálnej kardioprotekcii*. - Banská Bystrica : Preveda, 2016, s. 60-71. ISBN 978-80-970712-9-5.

ABD04 ZÁLEŠÁK, Marek. Vplyv rizikových faktorov ischemickej choroby srdca na odolnosť srdca voči ischemickému poškodeniu. In *Nové strategické prístupy v experimentálnej kardioprotekcii*. - Banská Bystrica : Preveda, 2016, s. 12-26. ISBN 978-80-970712-9-5.

ACB Academic/university textbooks published in Slovak publishing houses

ACB01 BREIER, Albert - LAKATOŠ, Boris - VAREČKA, Ľudovít - MIHALOV, J. - BARTEKOVÁ, Monika. *Princípy molekulárnej medicíny*. Bratislava : Fakulta chemickej a potravinárskej technológie STU, 2017. 306 s. ISBN 978-80-89597-59-8

ACD Chapters in academic/university textbooks published in Slovak publishing houses

ACD01 KOVÁCS, L. - BLUSKOVÁ, Z. - ŠAGÁTOVÁ, A. - REGECOVÁ, Valéria - BUCHANEC, J. - JAVORKA, K. Rast a vývin dieťaťa. In ŠAGÁT, T. et al. *Pediatrica*. 3. vyd. - HERBA, spol. s.r.o., 2019, s. 5-21. ISBN 978-80-89631-90-2.

ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

- ADCA01 ADAMEOVÁ, Adriana - HRDLIČKA, J. - SZOBI, Adrián - LEDVÉNYIOVÁ-FARKAŠOVÁ, Veronika - KOPASKOVA, K. - MURÁRIKOVÁ, Martina - NECKÁŘ, Jan - KOLÁŘ, František - RAVINGEROVÁ, Táňa - DHALLA, Naranjan S. Evidence of necroptosis in hearts subjected to various forms of ischemic insults. In *Canadian Journal of Physiology and Pharmacology*, 2017, vol. 95, no. 10, pp. 1163-1169. (2016: 1.822 - IF, Q3 - JCR, 0.560 - SJR, Q2 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0008-4212. Dostupné na: <https://doi.org/10.1139/cjpp-2016-0609>
- ADCA02 ADAMEOVÁ, Adriana - SHAH, Anureet K - DHALLA, Naranjan S. Role of Oxidative Stress in the Genesis of Ventricular Arrhythmias. In *International Journal of Molecular Sciences*, 2020, vol. 21, no. 12, p. E4200. (2019: 4.556 - IF, Q1 - JCR, 1.317 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1422-0067. Dostupné na: <https://doi.org/10.3390/ijms21124200>
- ADCA03 ANDELOVÁ, Katarína - EGAN BEŇOVÁ, Tamara - SZEIFFOVÁ BAČOVÁ, Barbara - SÝKORA, Matúš - PRADO, Natalia - DIEZ, Emiliano - HLIVÁK, Peter - TRIBULOVÁ, Narcisa**. Cardiac Connexin-43 Hemichannels and Pannexin1 Channels: Provocative Antiarrhythmic Targets. In *International Journal of Molecular Sciences*, 2021, vol. 22, art. no. 260. (2020: 5.924 - IF, Q1 - JCR, 1.455 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 1422-0067. Dostupné na: <https://doi.org/10.3390/ijms22010260>
- ADCA04 ANDELOVÁ, Natália - WACZULÍKOVÁ, Iveta - TALIAN, Ivan - SÝKORA, Matúš - FERKO, Miroslav**. mPTP Proteins Regulated by Streptozotocin-Induced Diabetes Mellitus Are Effectively Involved in the Processes of Maintaining Myocardial Metabolic Adaptation. In *International Journal of Molecular Sciences*, 2020, vol. 21, pii. 2622. (2019: 4.556 - IF, Q1 - JCR, 1.317 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1422-0067. Dostupné na: <https://doi.org/10.3390/ijms21072622>
- ADCA05 ANDREADOU, Ioanna** - SCHULZ, Rainer - BADIMON, L. - ADAMEOVÁ, Adriana - KLEINBOGARD, Petra - LECOUR, Sandrine - NIKOLAOU, P. E. - FALCÃO-PIRES, I. - VILAHUR, Gemma - WOUDBERG, N. - HEUSCH, Gerd - FERDINANDY, Péter**. Hyperlipidaemia and cardioprotection: animal models for translational studies. In *British journal of pharmacology*, 2020, vol. 117, no. 23, p. 5287-5311. (2019: 7.730 - IF, Q1 - JCR, 2.493 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0007-1188. Dostupné na: <https://doi.org/10.1111/bph.14931>
- ADCA06 AZIRIOVÁ, S. - REPOVÁ, K. - KRAJČIROVIČOVÁ, Kristína - BAKA, T. - ZORAD, Štefan - MOJTO, Viliam - SLAVKOVSKÝ, Peter - HODOSY, Július - ADAMCOVÁ, Michaela - PAULIS, Ľudovít - ŠIMKO, Fedor. Effect of ivabradine, captopril and melatonin on the behaviour of rats in L-nitro-arginine methyl ester-induced hypertension. In *Journal of Physiology and Pharmacology : formerly Acta Physiologica Polonica*, 2016, vol. 67, no. 6, p. 895-902. (2015: 2.804 - IF, Q2 -

JCR, 0.936 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents).
ISSN 0867-5910.

ADCA07 BAČIAK, Ladislav - GÁSPÁROVÁ, Zdenka - LIPTAJ, Tibor - JURÁNEK, Ivo. In vivo magnetic resonance approach to trimethyltin induced neurodegeneration in rats. In *Brain Research*, 2017, vol. 1673, p. 111-116. (2016: 2.746 - IF, Q3 - JCR, 1.306 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0006-8993. Dostupné na: <https://doi.org/10.1016/j.brainres.2017.07.012>

ADCA08 BACHAROVA, L. - SZATHMÁRY, Vavrinec - ŠVEHLÍKOVÁ, Jana - MATEASIK, A. - TYŠLER, Milan. QRS complex waveform indicators of ventricular activation slowing: Simulation studies. In *Journal of Electrocardiology*, 2016, vol. 49, no. 6, p. 790-793. (2015: 1.290 - IF, Q4 - JCR, 0.559 - SJR, Q2 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0022-0736. Dostupné na: <https://doi.org/10.1016/j.jelectrocard.2016.07.032>

ADCA09 BACHAROVA, L. - SZATHMÁRY, Vavrinec - ŠVEHLÍKOVÁ, Jana - MATEASIK, A. - GYHAGEN, J. - TYŠLER, Milan. The effect of conduction velocity slowing in left ventricular midwall on the QRS complex morphology: A simulation study. In *Journal of Electrocardiology*, 2016, vol. 49, no. 2, p. 164-170. (2015: 1.290 - IF, Q4 - JCR, 0.559 - SJR, Q2 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0022-0736. Dostupné na: <https://doi.org/10.1016/j.jelectrocard.2015.12.009>

ADCA10 BAKA, T. - HODOSY, Július - KRAJČIROVIČOVÁ, Kristína - REPOVÁ, K. - AZIRIOVÁ, S. - DOMONKOS, Emese - BORBÉLYOVÁ, Veronika - SLAVKOVSKÝ, Peter - ZORAD, Štefan - CELEC, Peter - PAULIS, Ľudovít - ŠIMKO, Fedor**. 17 beta-Estradiol treatment reversed left ventricular dysfunction in castrated male rats: an echocardiographic study. In *Canadian Journal of Physiology and Pharmacology*, 2018, vol. 96, no. 8, p. 850-854. (2017: 2.210 - IF, Q3 - JCR, 0.724 - SJR, Q2 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0008-4212. Dostupné na: <https://doi.org/10.1139/cjpp-2017-0596>

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- DAI04 CSÁSZÁR, Eszter. *Pôsobenie psychoaktívnych látok počas gravidity na neurobehaviorálny vývin potomstva: experimentálne štúdie na laboratórnych potkanoch : dizertačná práca, : dizertačné doktorandské práce (PhD.,Dr.) = Effects of psychoactive substances during pregnancy on neurobehavioral development of offspring: experimental studies on laboratory rats*. Školiteľ: Michal Dubovický, oponenti: Alexander Kiss, Viera Kristová, Lucia Kršková. Bratislava, 2016. 103 s. 23.8.2016. Univerzita Komenského v Bratislave. Jesseniova lekárska fakulta v Martine, študijný program: Farmakológia, študijný odbor: 7.3.2. Farmakológia. Školiace pracovisko: Ústav experimentálnej farmakológie a toxikológie Slovenskej akadémie vied, Bratislava
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- DAI11 GRIECSOVÁ, Lucia. *Vplyv veku na odpoveď srdca na ischémiu a adaptačné procesy v myokarde potkana: štúdium molekulárnych mechanizmov : Dizertačná práca : dizertačné doktorandské práce (PhD.,Dr.)*. Školiteľ: Táňa Ravingerová, oponenti: Jozef Török, Vladimír Štrbák, Ján Neckář. 2018. 114 s. Univerzita Komenského v Bratislave, študijný odbor: 4.2.10 Fyziológia živočíchov
- DAI12 KOPRDOVÁ, Romana. *Psychofarmakologický skrining nových pyridindolových derivátov využitím animálnych modelov úzkosti a depresie : dizertačná práca, : dizertačné doktorandské práce (PhD.,Dr.)*. Školiteľ: Mojmir Mach, oponenti: Viera Kristová, Norbert Žilka, Juraj Mokrý. Bratislava, 2017. 127 s. 22.08.2017. Univerzita Komenského v Bratislave. Jesseniova lekárska fakulta v Martine, študijný program: farmakológia, študijný odbor: farmakológia. Školiace pracovisko: Ústav experimentálnej farmakológie a toxikológie Slovenskej akadémie vied, Bratislava

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- DAI16 LONEK, Ľubomír. *Krátkodobá a dlhšie trvajúca adaptácia myokardu ako prevencia zlyhávania srdca: štúdium molekulárnych mechanizmov : Rigorózna práca* = Short-term and Longer-lasting Adaptation of Myocardium to Prevent Heart Failure: the Study of Molecular Mechanisms. Konzultant: Táňa Ravingerová. 2018. 58 s. Univerzita Pavla Jozefa Šafárika v Košiciach, Prírodovedecká fakulta, študijný odbor: 4.2.10 Fyziológia živočíchov, školiace pracovisko: Ústav pre výskum srdca, Centrum experimentálnej medicíny SAV
- DAI17 LONEK, Ľubomír. *Možnosť využitia neinvazívnych foriem „conditioningu“ za účelom ochrany srdca pred ischemickým poškodením : dizertačná práca : dizertačné doktorandské práce (PhD.,Dr.)* = Potential application of noninvasive forms of „conditioning“ for protection of the heart against ischaemia. Školiteľ: Táňa Ravingerová, oponenti: Vladimír Štrbák, Pavol Švorc, Jana Muchová. Bratislava, 2019. 106 s. 23.08.2019. Univerzita Komenského v Bratislave. Prírodovedecká fakulta, študijný program: Fyziológia živočíchov a etológia, študijný odbor: Fyziológia živočíchov
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- DAI19 MICHÁLIKOVÁ, Dominka. *Metabolický syndróm a metabolický kognitívny syndróm: farmakologické možnosti ovplyvnenia rizikových faktorov : dizertačná práca, : dizertačné doktorandské práce (PhD.,Dr.)*. Školiteľ: Zdenka Gáspárová, oponenti: Viera Kristová, Ján Mojžiš, Martina Šutovská. Martin, 2021. 111 s. 23.08.2021. Univerzita Komenského v Bratislave. Jesseniova lekárska fakulta v Martine, študijný program: farmakológia, študijný odbor: farmácia. Školiace pracovisko: Ústav experimentálnej farmakológie a toxikológie Slovenskej akadémie vied, Bratislava
- DAI20 MRVOVÁ, Nataša. *Všeobecné patogénne mechanizmy v neurodegenerácii sprevádzajúcej starnutie: modulácia pomocou látok prírodného a syntetického pôvodu : dizertačná práca, : dizertačné doktorandské práce (PhD.,Dr.)*. Školiteľ: Lucia Račková, oponenti: Ľuboš Čipák, Pavel Mučaji. Bratislava, 2016. 129 s. 23.8.2016. Ústav biochémie, výživy a ochrany zdravia. Fakulta chemickej a potravinárskej technológie STU v Bratislave, študijný program: biochémia, študijný odbor: 4.1.22. biochémia. Školiace pracovisko: Ústav experimentálnej farmakológie a toxikológie Slovenskej akadémie vied, Bratislava
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- DAI21 MURÁRIKOVÁ, Martina. *Ochrana myokardu pred akútnou ischémiou pomocou "remote" preconditioningu v organizme zdravých potkanov a u zvierat s akútnym diabetes mellitus*. 2017. 115 s. Katedra živočíšnej fyziológie a etológie. Prírodovedecká fakulta. Univerzita Komenského (Bratislava, Slovenská republika)
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- DAI23 PIEŠOVÁ, Michaela. *Vplyv prenatálnej hypoxie na expresiu génov v mozgu adolescentných potkanov : rigorózna práca = Effect of prenatal hypoxia on gene expression in the brain of adolescent rats*. Školiteľ: Peter Křenek. Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, 2019. 73 s. 18.11.2019. Univerzita Komenského v Bratislave. Farmaceutická fakulta, študijný odbor: 7.3.1. farmakológia. Školiace pracovisko: Farmaceutická fakulta, Bratislava, Katedra farmakológie a toxikológie. Ústav experimentálnej farmakológie a toxikológie Slovenskej akadémie vied, Bratislava
- DAI24 PLACHÁ, Kateřina. *Poškodenie mozgu novorodenca v dôsledku nedostatočného okysličenia mozgu - štúdium patogenetických a terapeutických aspektov na novorodených potkanoch : dizertačná práca, : dizertačné doktorandské práce (PhD.,Dr.) = Neonatal brain injury as a consequence of insufficient cerebral oxygenation - study of pathogenetic and therapeutic aspects in newborn rats*. Školiteľ: Ivo Juránek, oponenti: Martin Wawruch, Eva Račanská, Mária Kovalská.

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- DAI26 STARÁ, Veronika. *Neurodegenerácia mozgu potkana a účinok vybraných látok : dizertačná práca, : dizertačné doktorandské práce (PhD.,Dr.)*. Školiteľ: Zdenka Gáspárová, oponenti: Martin Wawruch, Tatiana Stankovičová, Lucia Kršková. Martin, 2017. 100 s. 22.08.2017. Univerzita Komenského v Bratislave. Jesseniova lekárska fakulta v Martine, študijný program: farmakológia, študijný odbor: farmakológia. Školiace pracovisko: Ústav experimentálnej farmakológie a toxikológie Slovenskej akadémie vied, Bratislava
- DAI27 NAVAROVÁ- STARÁ, Veronika. *Vplyv perinatálnej hypoxie na nervový prenos v hipokampe potkana : rigorózna práca = The effect of perinatal hypoxia on neurotransmission in the rat hippocampus*. Konzultant: Zdenka Gáspárová, oponent: Peter Vavrinec. Bratislava : Univerzita Komenského v Bratislave, Prírodovedecká fakulta, 2019. 55 s. 6.12.2019. Univerzita Komenského v Bratislave. Prírodovedecká fakulta, študijný program: Fyziológia živočíchov a etológia, študijný odbor: Biológia. Školiace pracovisko: Ústav experimentálnej farmakológie a toxikológie Slovenskej akadémie vied, Bratislava
- DAI28 SÝKORA, Matúš. *Modulácia extracelulárnej matrix a medzibunkovej komunikácie v srdci potkana za rôznych patologických stavov a možnosti ovplyvnenia pomocou vybraných kardioprotektívnych látok : Dizertačná práca : dizertačné doktorandské práce (PhD.,Dr.)*. Školiteľka: Barbara Szeiffová Bačová, oponenti: Ján Klimas, Viliam Fischer, Soňa Čačányiová. Bratislava, 2021. 108 s. 24. 8. 2021; Univerzita Komenského v Bratislave; Prírodovedecká fakulta; študijný odbor: Biológia; študijný program: Fyziológia živočíchov; Školiace pracovisko: Ústav pre výskum srdca, Centrum experimentálnej medicíny SAV
- DAI29 ŠKANDÍK, Martin. *Celulárne a molekulárne mechanizmy starnutia a súvisiacich ochorení: Ovplyvnenie pomocou látok syntetického a prírodného pôvodu : dizertačná práca, : dizertačné doktorandské práce (PhD.,Dr.)*. Školiteľ: Lucia Račková, oponenti: Ingrid Žitňanová, Milan Nagy. Bratislava, 2020. 157 s. 20.08.2020. Ústav biochémie a mikrobiológie. Fakulta chemickej a potravinárskej technológie STU v Bratislave, študijný program: biochémia, študijný odbor: 17. chémia. Školiace pracovisko: Ústav experimentálnej farmakológie a toxikológie, Centrum experimentálnej medicíny SAV, Bratislava

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