

## Publikácie / Publications

**Institute: SAVCEBIO - Centrum biovied SAV**  
**Year of publication 2016~2021**

### Statistics publication category

AAB	Scientific monographs published in Slovak publishing houses	1
ABC	Chapters in scientific monographs published abroad	6
ACB	Academic/university textbooks published in Slovak publishing houses	3
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	261
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	24
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	10
ADFB	Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)	35
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	68
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	23
ADNB	Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus	8
AECA	Scientific papers in foreign peer-reviewed proceedings and shorter chapters in foreign scientific monographs or academic/university textbooks	2
AEDA	Scientific papers in domestic peer-reviewed proceedings and shorter chapters in domestic scientific monographs or academic/university textbooks	5
AEMA	Abstracts of scientific papers published in foreign impacted journals registered in Web of Science Core Collection or Scopus	44
AFA	Published invited papers from foreign scientific conferences	2
AFC	Published papers from foreign scientific conferences	23
AFD	Published papers from domestic scientific conferences	154
AFE	Abstracts of invited papers from foreign conferences	8
AFF	Abstracts of invited papers from domestic conferences	3
AFG	Abstracts of papers from foreign conferences	85
AFH	Abstracts of papers from domestic conferences	187
AFK	Foreign conferences posters	29
AFL	Domestic conferences posters	51
BAA	Professional books published abroad	1
BDCA	Professional papers in foreign impacted journals registered in Current Contents Connect	1
BDF	Professional papers in other domestic journals (not registered in CCC)	16

BDMA	Professional papers in foreign 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)	9
BEF	Professional papers in domestic proceedings (conference/non-conference; peer-reviewed/non-peer-reviewed)	2
DAI	Dissertations and habilitation theses	15
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	14
GAI	Reports	1
GHG	Works published on the internet	5
GII	Other publications and documents which is not possible to categorize into classes/categories mentioned above	174
<b>Count</b>		<b>1271</b>

#### **AAB Scientific monographs published in Slovak publishing houses**

AAB01 STROMPFOVÁ, Viola - KUBAŠOVÁ, Ivana. *Mikrobiota čreva zvierat a spôsoby jej prospešnej modulácie*. Rec. Radomíra Nemcová, Marcela Capcarová. Bratislava : VEDA, vydavateľstvo SAV, 2020. 88 s. ISBN 978-80-224-1823-2

#### **ABC Chapters in scientific monographs published abroad**

ABC01 BÁBELOVÁ, Lenka - SLABÝ, Cyril - BIZIK, Jozef - RÁZUS, Martin - EBNER, Andreas - HIANIK, Tibor\*\*. Advances in diagnosis of leukemia by aptamer based biosensors. In *Horizons in Cancer Research : Volume 77*. - New York : Nova Science Publishers, Inc, 2020, p. 1-38. ISBN 978-1-53618-717-5.

ABC02 CAGALINEC, Michal. Nanoparticles Targeting Mitochondria in Neurodegenerative Diseases: Toxicity and Challenge for Nanotherapeutics. In *Nanomedicine and Neurosciences : Advantages, Limitations and Safety Aspects*. - Sharjah : Bentham Science Publishers, 2017, chap. 2, p. 61-100. ISBN 978-1-68108-493-0. Dostupné na: <https://doi.org/10.2174/9781681084930117020005>

ABC03 ČERTÍK, Milan - KLEMPOVÁ, Tatiana - JALČ, Dušan - VÁRADYOVÁ, Zora - MARCINČÁK, Slavomír. Biotechnologically enriched cereals with PUFAs in ruminant and chicken nutrition. In *AKOH, Casimir C. Food lipids - chemistry, nutrition, and biotechnology*. - Boca Raton (FL) : Taylor and Francis Group, LLC, 2017, p. 765-778. ISBN 978-1-4987-4485-0.

ABC04 FRAQUEZA, Maria Joao - PATARATA, L. - LAUKOVÁ, Andrea. Protective starter cultures and bacteriocins in fermented meats. In *Fermented meat products: health aspects*. - CRC Press Taylor a. Francis group, 2016, p. 228-269. ISBN 9781498733045. Dostupné na internete: [www.amazon.com/Fermented-meat-products-aspects-biology/dp/1498733042](http://www.amazon.com/Fermented-meat-products-aspects-biology/dp/1498733042)

ABC05      MACKOVÁ, Katarína - MIŠÁK, Anton - ŠEVČÍKOVÁ TOMÁŠKOVÁ, Zuzana. *Lifting the Fog over Mitochondrial Chloride Channels*. In *Ion Channels in Health and Sickness : edited by Fatima Shad Kaneez*. - London : IntechOpen, October 10th 2018, p. 175-192. ISBN 978-1-78984-227-2. Dostupné na: <https://doi.org/10.5772/intechopen.76419>

ABC06      MESSINGEROVÁ, Lucia - IMRICHOVÁ, Denisa - COCULOVOVÁ, Martina - ZELINA, Marian - PAVLÍKOVÁ, Lucia - KAVCOVÁ, Helena - ŠEREŠ, Mário - BOHÁČOVÁ, Viera - LAKATOŠ, Boris - SULOVOVÁ, Zdena - BREIER, Albert. *Different Mechanisms of Drug Resistance in Myelodysplastic Syndromes and Acute Myeloid Leukemia*. In *Myelodysplastic Syndromes*. - Rijeka, Croatia : InTech, 2016, p. 181-200. ISBN 978-953-51-2586-0. Dostupné na: <https://doi.org/10.5772/63483>

#### **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

ACB02      SOPKOVÁ, Drahomíra - VLČKOVÁ, Radoslava - FABIAN, Dušan. *Fyziológia endokrinológie a reprodukcie : pre poslucháčov ŠP Vzťah človek - zvierat a jeho využitie v canisterapii a hipoterapii*. Recenzenti Igor Valocký, Zuzana Maková. 1. vyd. Košice : UVLF v Košiciach, 2020. 77 s. ISBN 978-80-8077-676-3

ACB03      SOPKOVÁ, Drahomíra - VLČKOVÁ, Radoslava - ONDRAŠOVIČOVÁ, Silvia - ANDREJČÁKOVÁ, Zuzana - PETRILLA, Vladimír - FAIX, Štefan - FABIAN, Dušan. *Veterinárna fyziológia II : pre poslucháčov ŠP Všeobecné veterinárske lekárstvo a Hygiena potravín*. Recenz. Katarína Holovská, Zuzana Maková. Košice : UVLF, 2019. 183 s. ISBN 978-80-8077-647-3

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

ADCA01      ANDREJČÁKOVÁ, Zuzana\*\* - VLČKOVÁ, Radoslava - SOPKOVÁ, Drahomíra - KOZIOL, Katarzyna - KOZIOROWSKI, Marek - FABIAN, Dušan - ŠEVČÍKOVÁ, Zuzana - HOLOVSKÁ, Katarína - ALMÁŠIOVÁ, Viera - SIROTKIN, Alexander. *Dietary flaxseed's protective effects on body tissues of mice after oral exposure to xylene*. In *Saudi Journal of Biological Sciences*, 2021, vol. 28, no. 7, p. 3789-3798. (2020: 4.219 - IF, Q2 - JCR, 0.710 - SJR, Q1 - SJR). ISSN 1319-562X. Dostupné na: <https://doi.org/10.1016/j.sjbs.2021.03.055>

ADCA02      ASCHER, David\* - SPIGA, Ottavia\* - SEKELSKÁ, Martina - PIRES, Douglas E.V. - BERNINI, Andrea - TIEZZI, Monica - KRÁLOVIČOVÁ, Jana - BOROVSKÁ, Ivana - ŠOLTÝSOVÁ, Andrea - OLSSON, Birgitta - GALDERISI, Silvia - CICALONI, Vittoria - RANGANATH, Lakshminarayan R. - SANTUCCI, Annalisa - ZATKOVÁ, Andrea\*\*. *Homogentisate 1,2-dioxygenase (HGD) gene variants, their analysis and genotype-phenotype correlations in the largest cohort of patients with AKU*. In *European Journal of Human Genetics*, 2019, vol. 27, no. 6, p. 888-902. (2018: 3.650 - IF, Q2 - JCR, 1.835 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 1018-4813. Dostupné na: <https://doi.org/10.1038/s41431-019-0354-0>

- ADCA03     BABELOVÁ, Janka - ŠEFČÍKOVÁ, Zuzana - ČIKOŠ, Štefan - ŠPIRKOVÁ, Alexandra - KOVAŘÍKOVÁ, Veronika - KOPPEL, Juraj - MAKAREVICH, A.V. - CHRENEK, P. - FABIAN, Dušan. Exposure to neonicotinoid insecticides induces embryotoxicity in mice and rabbits. In *Toxicology*, 2017, vol. 392, p. 71-80. (2016: 3.582 - IF, Q1 - JCR, 1.468 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0300-483X. Dostupné na: <https://doi.org/10.1016/j.tox.2017.10.011>
- ADCA04     BABELOVÁ, Janka\* - ŠEFČÍKOVÁ, Zuzana\*\* - ČIKOŠ, Štefan - KOVAŘÍKOVÁ, Veronika - ŠPIRKOVÁ, Alexandra - PISKO, Jozef - KOPPEL, Juraj - FABIAN, Dušan. In vitro exposure to pyrethroid-based products disrupts development of mouse preimplantation embryos. In *Toxicology in vitro : the official journal of the European Society for Toxicology in Vitro*, 2019, vol. 57, p. 184 -193. (2018: 3.067 - IF, Q2 - JCR, 0.895 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0887-2333. Dostupné na: <https://doi.org/10.1016/j.tiv.2019.03.009>
- ADCA05     BÁBELOVÁ, Lenka - ELIÁŠOVÁ SOHOVÁ, Marianna - POTURNAYOVÁ, Alexandra - BURÍKOVÁ, Monika - BIZIK, Jozef - HIANIK, Tibor\*\*. Label-free electrochemical aptasensor for jurkat cells detection as a potential diagnostic tool for leukemia. In *Electroanalysis*, 2018, vol. 30, no. 7, p. 1487-1495. (2017: 2.851 - IF, Q2 - JCR, 0.692 - SJR, Q2 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 1040-0397. Dostupné na: <https://doi.org/10.1002/elan.201800091>
- ADCA06     BAČOVÁ, Kristína - ZITTERL-EGLSEER, Karin - CHRASTINOVÁ, Ľubica - LAUKOVÁ, Andrea - MAĎAROVÁ, Michaela - GANCARČÍKOVÁ, Soňa - SOPKOVÁ, Drahomíra - ANDREJČÁKOVÁ, Zuzana - PLACHÁ, Iveta\*\*. Effect of Thymol Addition and Withdrawal on Some Blood Parameters, Antioxidative Defence System and Fatty Acid Profile in Rabbit Muscle. In *Animals*, 2020, vol. 10, no. 8, art. no. 1248. (2019: 2.323 - IF, Q1 - JCR, 0.601 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 2076-2615. Dostupné na: <https://doi.org/10.3390/ani10081248>
- ADCA07     BAČOVÁ, Kristína - EGLSEER, Karin Zitterl - RÄUBER, Gesine Karas - CHRASTINOVÁ, Ľubica - LAUKOVÁ, Andrea - TAKÁCSOVÁ, Margaréta - POGÁNY SIMONOVÁ, Monika - PLACHÁ, Iveta\*\*. Effect of Sustained Administration of Thymol on Its Bioaccessibility and Bioavailability in Rabbits. In *Animals*, 2021, vol. 11, no. 9, art. no. 2595. (2020: 2.752 - IF, Q1 - JCR, 0.584 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 2076-2615. Dostupné na: <https://doi.org/10.3390/ani11092595>
- ADCA08     POLÁKOVÁ, Silvia - MOLNÁROVÁ, Lucia - HYPPA, Randy W. - BENKO, Zsigmond - MIŠOVÁ, Ivana - SCHLEIFFER, Alexander - SMITH, Gerald R. - GREGAN, Juraj. Dbl2 Regulates Rad51 and DNA Joint Molecule Metabolism to Ensure Proper Meiotic Chromosome Segregation. In *Plos Genetics*, 2016, vol. 12, no. 6, art. no. e1006102. (2015: 6.661 - IF, Q1 - JCR, 6.390 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 1553-7404. Dostupné na: <https://doi.org/10.1371/journal.pgen.1006102>

- ADCA09 BÁGELOVÁ POLÁKOVÁ, Silvia - LICHTNER, Žaneta - SZEMES, Tomáš - SMOLEJOVÁ, Martina - SULO, Pavol\*\*. Mitochondrial DNA duplication, recombination, and introgression during interspecific hybridization. In *Scientific Reports*, 2021, vol. 11, no. 1, art. no. 12726. (2020: 4.380 - IF, Q1 - JCR, 1.240 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 2045-2322. Dostupné na: <https://doi.org/10.1038/s41598-021-92125-y>
- ADCA10 BANDOUCHOVÁ, Hana - BARTONÍČKA, Tomáš - BERKOVÁ, Hana - BRICHTA, Jiří - KOKUREWICZ, Tomasz - KOVÁČOVÁ, Veronika - LINHART, Petr - PIAČEK, Vladimír - PIKULA, Jiří\*\* - ZAHRADNÍKOVÁ, Alexandra, ml. - ŽUKAL, Jan. Alterations in the health of hibernating bats under pathogen pressure. In *Scientific Reports*, 2018, vol. 8, no. 1, art. no. 6067. (2017: 4.122 - IF, Q1 - JCR, 1.533 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 2045-2322. Dostupné na: <https://doi.org/10.1038/s41598-018-24461-5>
- ADCA11 BARSZCZ, Marcin\*\* - TACIAK, Marcin - TUŚNIO, Anna - ČOBANOVÁ, Klaudia - GREŠÁKOVÁ, Lubomíra. The effect of organic and inorganic zinc source, used in combination with potato fiber, on growth, nutrient digestibility and biochemical blood profile in growing pigs. In *Livestock Science*, 2019, vol. 227, p. 37-43. (2018: 1.376 - IF, Q2 - JCR, 0.666 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 1871-1413. Dostupné na: <https://doi.org/10.1016/j.livsci.2019.06.017>
- ADCA12 BARSZCZ, Marcin\*\* - TACIAK, Marcin - TUSNIO, Anna - SWIECH, Ewa - SKOMIAL, Jacek - ČOBANOVÁ, Klaudia - GREŠÁKOVÁ, Lubomíra. The effect of organic and inorganic zinc source, used with lignocellulose or potato fiber, on microbiota composition, fermentation, and activity of enzymes involved in dietary fiber breakdown in the large intestine of pigs. In *Livestock Science*, 2021, vol. 245, art. no. 104429. (2020: 1.943 - IF, Q2 - JCR, 0.622 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 1871-1413. Dostupné na: <https://doi.org/10.1016/j.livsci.2021.104429>
- ADCA13 BENCOVÁ, Alexandra - GOFFA, Eduard - MORVOVÁ, M. - VALACHOVIČ, Martin - GRIAC, Peter - TÓTH HERVAY, Nora - GBELSKÁ, Yvetta\*\*. The absence of PDR16 gene restricts the overexpression of CaSNQ2 gene in the presence of fluconazole in *Candida albicans*. In *Mycopathologia*, 2020, vol. 185, no. 3, p. 455-465. (2019: 2.452 - IF, Q3 - JCR, 0.759 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0301-486X. Dostupné na: <https://doi.org/10.1007/s11046-020-00459-4>
- ADCA14 BEŇOVÁ, Eva - HORNEBECQ, Virginie\*\* - ZELENÁK, Vladimír\*\* - HUNTOŠOVÁ, Veronika - ALMÁŠI, Miroslav - MÁČAJOVÁ, Mariana - BERGÉ-LEFRANC, David. pH-responsive mesoporous silica drug delivery system, its biocompatibility and co-adsorption/co-release of 5-Fluorouracil and Naproxen. In *Applied Surface Science*, 2021, vol. 561, art. no. 150011. (2020: 6.707 - IF, Q1 - JCR, 1.295 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0169-4332. Dostupné na: <https://doi.org/10.1016/j.apsusc.2021.150011>

- ADCA15 BINO, Eva - LAUKOVÁ, Andrea\*\* - KANDRIČÁKOVÁ, Anna - NEMCOVÁ, R. Assessment of biofilm formation by faecal strains of *Enterococcus hirae* from different species of animals. In *Polish journal of veterinary sciences*, 2018, vol. 21, no. 4, p. 747-754. (2017: 0.839 - IF, Q3 - JCR, 0.362 - SJR, Q2 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 1505-1773. Dostupné na: <https://doi.org/10.24425/124314>
- ADCA16 BINO, Eva - LAUKOVÁ, Andrea\*\* - ŠČERBOVÁ, Jana - KUBAŠOVÁ, Ivana - KANDRIČÁKOVÁ, Anna - STROMPFOVÁ, Viola - MILTKO, Renata - BELZECKI, Grzegorz. Fecal coagulase-negative staphylococci from horses, their species variability, and biofilm formation. In *Folia Microbiologica*, 2019, vol. 64, no. 6, p. 719 - 726. (2018: 1.448 - IF, Q4 - JCR, 0.501 - SJR, Q2 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0015-5632. Dostupné na: <https://doi.org/10.1007/s12223-019-00684-5>
- ADCA17 BOHÁČOVÁ, Viera - ŠEREŠ, Mário - PAVLÍKOVÁ, Lucia - KONTÁR, Szilvia - CAGALA, Martin - BOBÁL, Pavel - OTEVŘEL, Jan - BRTKO, Július - SULOVÁ, Zdena\*\* - BREIER, Albert\*\*. Triorganotin derivatives induce cell death effects on L1210 leukemia cells at submicromolar concentrations independently of P-glycoprotein expression. In *Molecules*, 2018, vol. 23, iss. 5, art. no. 1053. (2017: 3.098 - IF, Q2 - JCR, 0.855 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 1420-3049. Dostupné na: <https://doi.org/10.3390/molecules23051053>
- ADCA18 BONDI, M.\*\* - LAUKOVÁ, Andrea - DE NIEDERHAUSERN, S. - MESSI, P. - PAPADOPOULOU, C. Natural preservatives to improve food quality and safety. In *Journal of Food Quality*, 2017, art. no. 1090932, 3 p. (2016: 0.968 - IF, Q3 - JCR, 0.463 - SJR, Q2 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0146-9428. Dostupné na: <https://doi.org/10.1155/2017/1090932>
- ADCA19 BRYSZAK, Magdalena - SZUMACHER-STRABEL, Malgorzata - HUANG, Haihao - PAWLAK, Piotr - LECHNIAK, Dorota - KOŁODZIEJSKI, Paweł - YANZA, Yulianri Rizki - PATRA, Amlan Kumar - VÁRADYOVÁ, Zora - CIESLAK, Adam\*\*. *Lupinus angustifolius* seed meal supplemented to dairy cow diet improves fatty acid composition in milk and mitigates methane production. In *Animal Feed Science and Technology*, 2020, vol. 267, art. no. 114590. (2019: 2.582 - IF, Q1 - JCR, 1.121 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 0377-8401. Dostupné na: <https://doi.org/10.1016/j.anifeedsci.2020.114590>
- ADCA20 BUŇKOVÁ, L. - GÁL, Robert - LORENCOVÁ, Eva. - JANČOVÁ, Petra - DOLEŽALOVÁ, Magda - KMEŤ, Vladimír - BUŇKA, F. Microflora of farm and hunted pheasants in relation to biogenic amines production. In *European Journal of Wildlife Research*, 2016, vol. 62, p. 341-352. (2015: 1.403 - IF, Q2 - JCR, 0.842 - SJR, Q2 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 1612-4642. Dostupné na: <https://doi.org/10.1007/s10344-016-1008-y>
- ADCA21 BURKUŠ, Ján - NAVARRETE-SANTOS, A - SCHINDLER, M. - BABELOVÁ, Janka - JUNG, JS - ŠPIRKOVÁ, Alexandra - KŠIŇANOVÁ, Martina

- KOVAŘÍKOVÁ, Veronika - FISCHER, B. - KOPPEL, Juraj - FABIAN, Dušan - ČIKOŠ, Štefan\*\*. Adiponectin stimulates glucose uptake in mouse blastocysts and embryonic carcinoma cells. In *Reproduction*, 2020, vol. 159, no. 3, p. 227-239. (2019: 3.206 - IF, Q2 - JCR, 1.201 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1470-1626. Dostupné na: <https://doi.org/10.1530/REP-19-0251>

ADCA22 CABIDDU, Andrea - WENCELOVÁ, Monika - BOMBOI, Giovanni - DECANDIA, Mauro - MOLLE, Giovanni - SALIS, Lorenzo. Fatty acid profile in two berseem clover (*Trifolium alexandrinum* L.) cultivars: Preliminary study of the effect of part of plant and phenological stage. In *Grassland Science*, 2017, vol. 63, no. 2, p. 101-110. (2016: 0.734 - IF, Q3 - JCR, 0.312 - SJR, Q3 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 1744-6961. Dostupné na: <https://doi.org/10.1111/grs.12159>

ADCA23 CAGALA, Martin - PAVLÍKOVÁ, Lucia\*\* - ŠEREŠ, Mário - KADLEČÍKOVÁ, Karolína - BREIER, Albert\*\* - SULOVÁ, Zdena\*\*. Development of Resistance to Endoplasmic Reticulum Stress-Inducing Agents in Mouse Leukemic L1210 Cells. In *Molecules*, 2020, vol. 25, iss. 11, art. no. 2517. (2019: 3.267 - IF, Q2 - JCR, 0.698 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 1420-3049. Dostupné na: <https://doi.org/10.3390/molecules25112517>

ADCA24 CAGALINEC, Michal - LIIV, Mailis - HODÚROVÁ, Zuzana - HICKEY, Miriam Ann - VAARMANN, Annika - MANDEL, Merle - ZEB, Akbar - CHOUBEY, Vinay - KUUM, Malle - SAFIULINA, Dzhamilja - VASAR, Eero - VEKSLER, Vladimir - KAASIK, Allen. Role of mitochondrial dynamics in neuronal development: Mechanism for Wolfram syndrome. In *Plos Biology*, 2016, vol. 14, no. 7, art. no. e1002511. (2015: 8.668 - IF, Q1 - JCR, 5.596 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 1545-7885. Dostupné na: <https://doi.org/10.1371/journal.pbio.1002511>

ADCA25 CSÁKY, Zsófia - GARAIÓVÁ, Martina - KODEDOVÁ, Marie - VALACHOVIČ, Martin - SYCHROVÁ, Hana - HAPALA, Ivan\*\*. Squalene lipotoxicity in a lipid droplet-less yeast mutant is linked to plasma membrane dysfunction. In *Yeast*, 2020, vol. 37, iss. 1, p. 45-62. (2019: 3.143 - IF, Q2 - JCR, 1.382 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0749-503X. Dostupné na: <https://doi.org/10.1002/yea.3454>

ADCA26 BÖGI, Eszter - BELOVIČOVÁ, Kristína - MORAVČÍKOVÁ, Lucia - CSATLÓSOVÁ, Kristína - DREMENCOV, Eliyahu - LACINOVÁ, Ľubica - DUBOVICKÝ, Michal\*\*. Pre-gestational stress impacts excitability of hippocampal cells in vitro and is associated with neurobehavioral alterations during adulthood. In *Behavioural Brain Research*, 2019, vol. 375, art. no. 112131. (2018: 2.770 - IF, Q2 - JCR, 1.293 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 0166-4328. Dostupné na: <https://doi.org/10.1016/j.bbr.2019.112131>

ADCA27 CSATLÓSOVÁ, Kristína - BÖGI, Eszter - ĎURIŠOVÁ, Barbora - GRINCHII, Daniil - PALJOKHA, Ruslan - MORAVČÍKOVÁ, Lucia - LACINOVÁ, Ľubica - JEŽOVÁ, Daniela - DREMENCOV, Eliyahu\*\*. Maternal

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ADCA28     ČIKOŠ, Štefan\*\* - BABELOVÁ, Janka - ŠPIRKOVÁ, Alexandra - BURKUŠ, Ján - KOVAŘÍKOVÁ, Veronika - ŠEFČÍKOVÁ, Zuzana - FABIAN, Dušan - KOPPEL, Juraj. Glucocorticoid receptor isoforms and effects of glucocorticoids in ovulated mouse oocytes and preimplantation embryos. In *Biology of Reproduction*, 2019, vol. 100, no. 2, p. 351-364. (2018: 2.960 - IF, Q2 - JCR, 1.235 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0006-3363. Dostupné na: <https://doi.org/10.1093/biolre/iyoy196>

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ADDA01 BUCKOVÁ, Barbora - HURNÍKOVÁ, Zuzana - LAUKOVÁ, Andrea - REVAJOVÁ, Viera - DVOROŽŇÁKOVÁ, Emília\*\*. The anti-parasitic effect of probiotic bacteria via limiting the fecundity of *Trichinella spiralis* female adults. In *Helminthologia*, 2018, vol. 55, no. 2, p. 102-111. (2017: 0.417 - IF, Q4 - JCR, 0.295 - SJR, Q3 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 0440-6605. Dostupné na: <https://doi.org/10.2478/helm-2018-0010>

ADDA02 BURÍKOVÁ, Monika - BILČÍK, Boris - MÁČAJOVÁ, Mariana - VÝBOH, Pavel - BIZIK, Jozef - MATEAŠÍK, Anton - MIŠKOVSKÝ, Pavol - ČAVARGA, Ivan. Hypericin fluorescence kinetics in the presence of low density lipoproteins: study on quail CAM assay for topical delivery. In *General Physiology and Biophysics*, 2016, vol. 35, no. 4, p. 459-468. (2015: 0.892 - IF, Q4 - JCR, 0.387 - SJR, Q3 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2016014](https://doi.org/10.4149/gpb_2016014)

ADDA03 ČUVALOVÁ, Anna\*\* - KMETŤ, Vladimír. Inhibition of *Staphylococcus aureus* biofilm by *Lactobacillus* supernatant and plant extracts. In *Journal of Food and Nutrition Research*, 2018, vol. 57, iss. 1, p. 70-75. (2017: 0.687 - IF, Q4 - JCR, 0.313 - SJR, Q3 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 1336-8672.

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ADDA06 GRINCHII, Daniil\* - PALIOKHA, Ruslan\* - TSEILIKMAN, Vadim - DREMENCOV, Eliyahu\*\*. Inhibition of cytochrome P450 by proadifen diminishes the excitability of brain serotonin neurons in rats. In *General Physiology and Biophysics*, 2018, vol. 37, no. 6, p. 711-713. (2017: 1.479 - IF, Q4 - JCR, 0.438 - SJR, Q3 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2018040](https://doi.org/10.4149/gpb_2018040)

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ADDA12 JANŠTOVÁ, Žofia - BURKUŠ, Ján - KUBANDOVÁ, Janka - FABIAN, Dušan - KOPPEL, Juraj - ČIKOŠ, Štefan. The effect of maternal stress on blastocyst quality depends on maternal physiological status. In *General Physiology and Biophysics*, 2017, vol. 36, no. 1, p. 53-63. (2016: 1.170 - IF, Q4 - JCR, 0.378 - SJR, Q3 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2016019](https://doi.org/10.4149/gpb_2016019)

- ADDA13 JURKOVIČOVÁ TARABOVÁ, Bohumila - LACINOVÁ, Ľubica\*\*.  
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- ADDA14 KOČIBÁLOVÁ, Zuzana\* - GUZYOVÁ, Martina\* - IMRICHOVÁ, Denisa - SULOVÁ, Zdena\*\* - BREIER, Albert\*\*. Overexpression of the ABCB1 drug transporter in acute myeloid leukemia cells is associated with downregulation of latrophilin-1. In *General Physiology and Biophysics*, 2018, vol. 37, p. 353-357. (2017: 1.479 - IF, Q4 - JCR, 0.438 - SJR, Q3 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2018008](https://doi.org/10.4149/gpb_2018008)
- ADDA15 KOPČÁKOVÁ, Anna\*\* - KISKOVÁ, Jana - JAVORSKÝ, Peter - PRISTAŠ, Peter. The genome sequence of *Enterococcus faecium* 8S3, lactic acid-producing bacterium from Slovak cheese – bryndza with biotechnological potential. In *Biologia*, 2018, vol. 73, no. 11, p. 1159-1162. (2017: 0.696 - IF, Q4 - JCR, 0.299 - SJR, Q3 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0006-3088. Dostupné na: <https://doi.org/10.2478/s11756-018-0123-5>
- ADDA16 KUREKOVÁ, Simona - PLAAS, M. - CAGALINEC, Michal\*\*. Lack of functional wolframin causes drop in plasmalemmal sodium-calcium exchanger type 1 expression at early stage in rat model of Wolfram syndrome. In *General Physiology and Biophysics*, 2020, vol. 39, no. 5, p. 499-503. (2019: 1.070 - IF, Q4 - JCR, 0.373 - SJR, Q3 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2020017](https://doi.org/10.4149/gpb_2020017)
- ADDA17 LACINOVÁ, Ľubica - WEISS, Norbert. It takes two T to shape immunity: emerging role for T-type calcium channels in immune cells. In *General Physiology and Biophysics*, 2016, vol. 35, p. 393-396. (2015: 0.892 - IF, Q4 - JCR, 0.387 - SJR, Q3 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0231-5882. Czech Science Foundation (grant 15-135568), Czech Ministry of Education Youth and Sports (grant 7AMB15FR015). Dostupné na: [https://doi.org/10.4149/gpb\\_2016034](https://doi.org/10.4149/gpb_2016034)
- ADDA18 LUKÁČOVÁ, Kristína - BACIAK, Ladislav - PAVUKOVÁ, Eva - PICHOVÁ, Katarína - KAŠPAROVÁ, Svatava - KUBÍKOVÁ, Ľubica. Imaging of striatal injury in a songbird brain. In *General Physiology and Biophysics*, 2017, vol. 36, p. 23-29. (2016: 1.170 - IF, Q4 - JCR, 0.378 - SJR, Q3 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2016025](https://doi.org/10.4149/gpb_2016025)
- ADDA19 MORAVČÍKOVÁ, Lucia - KRÁLOVIČOVÁ, Jana - LACINOVÁ, Ľubica\*\*. SNC80 and naltrindole modulate voltage-dependent sodium, potassium and calcium channels via a putatively delta opioid receptor-independent mechanism. In *General Physiology and Biophysics*, 2018, vol. 37, iss. 3, p. 299-307. (2017: 1.479 - IF, Q4 - JCR, 0.438 - SJR, Q3 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2018009](https://doi.org/10.4149/gpb_2018009)



- ADDA20     NOVOTOVÁ, Marta - TARABOVÁ, Bohumila - TYLKOVÁ, Lucia - VENTURA-CLAPIER, Renée - ZÁHRADNÍK, Ivan. Ultrastructural remodelling of slow skeletal muscle fibres in creatine kinase deficient mice: a quantitative study. In *General Physiology and Biophysics*, 2016, vol. 35, p. 477-486. (2015: 0.892 - IF, Q4 - JCR, 0.387 - SJR, Q3 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2016040](https://doi.org/10.4149/gpb_2016040)
- ADDA21     PAULÍKOVÁ, Helena - CISÁRIKOVÁ, A. - BAČOVÁ, Zuzana - JANOVEC, L. - IMRICH, Ján - ŠEREŠ, Mário - HUNÁKOVÁ, Ľuba. Photodynamic therapy of multidrug resistant leukemic murine cells by 3,6-bis(alkylthiourea)acridine hydrochlorides. In *Neoplasma*, 2021, vol. 68, no. 6, p. 1169-1180. (2020: 2.575 - IF, Q4 - JCR, 0.628 - SJR, Q3 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 0028-2685. Dostupné na: [https://doi.org/10.4149/neo\\_2021\\_210324N390](https://doi.org/10.4149/neo_2021_210324N390)
- ADDA22     PAVLÍKOVÁ, Lucia - ŠEREŠ, Mário - IMRICHOVÁ, Denisa - HANO, Milan - RUSNÁK, Andrej - KRIŽÁKOVÁ, Martina, Zámorová - KATRLÍK, Jaroslav - BREIER, Albert - SULOVA, Zdena. The expression of P-gp in leukemia cells is associated with cross-resistance to protein N-glycosylation inhibitor tunicamycin. In *General Physiology and Biophysics*, 2016, vol. 35, p. 497-510. (2015: 0.892 - IF, Q4 - JCR, 0.387 - SJR, Q3 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0231-5882. Dostupné na: [https://doi.org/10.4149/gpb\\_2016039](https://doi.org/10.4149/gpb_2016039)
- ADDA23     STRAPÁČ, Imrich - BEDLOVIČOVÁ, Zdenka\*\* - ČUVALOVÁ, Anna - HANDROVÁ, Lívia - KMEŤ, Vladimír. Antioxidant and anti-quorum sensing properties of edible mushrooms. In *Journal of Food and Nutrition Research*, 2019, vol. 58, no. 2, p. 146 - 152. (2018: 0.927 - IF, Q4 - JCR, 0.341 - SJR, Q3 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 1336-8672. Dostupné na internete: <http://www.vup.sk/index.php?mainID=2&navID=36&version=2&volume=58&article=2139>
- ADDA24     VARGOVÁ, Miroslava - HURNÍKOVÁ, Zuzana - REVAJOVÁ, Viera - LAUKOVÁ, Andrea - DVOROŽŇÁKOVÁ, Emília\*\*. Probiotic bacteria can modulate murine macrophage's superoxide production in *Trichinella spiralis* infection. In *Helminthologia*, 2020, vol. 57, no. 3, p. 226-234. (2019: 0.674 - IF, Q4 - JCR, 0.322 - SJR, Q3 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS, CCC). ISSN 0440-6605. Dostupné na: <https://doi.org/10.2478/helm-2020-0024>

#### **ADEB Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)**

- ADEB01     CHRASTINOVÁ, Ľubica - LAUKOVÁ, Andrea - CHRENKOVÁ, Mária - POLÁČIKOVÁ, Mária - FORMELOVÁ, Zuzana - KANDRIČÁKOVÁ, Anna - BINO, Eva - ŠČERBOVÁ, Jana - BUČKO, O. - ONDRUŠKA, Ľ. - SZABÓOVÁ, Renáta - JURČÍK, R. Effects of Enterocin M and Durancin ED26E/7 substances applied in drinking water on the selected carcass characteristics and meat quality of broiler rabbits. In *Archiva zootechnica*, 2018, vol. 21, no. 1, p. 5-17. ISSN 1016-4855. Dostupné na internete: [ibna.ro/arhiva/AZ-21\\_1/01-Chrastinova.pdf](http://ibna.ro/arhiva/AZ-21_1/01-Chrastinova.pdf)

- ADEB02     LAUKOVÁ, Andrea - POGÁNY SIMONOVÁ, Monika - CHRASTINOVÁ, Ľubica - GANCARČÍKOVÁ, Soňa - KANDRIČÁKOVÁ, Anna - PLACHÁ, Iveta - CHRENKOVÁ, Mária - FORMELOVÁ, Zuzana - ONDRUŠKA, Ľubomír - ŠČERBOVÁ, Jana - STROMPFOVÁ, Viola. Assessment of Lantibiotic type Bacteriocin- Gallidermin application in Model Experiment with Broiler Rabbits. In *International Journal of Animal Science*, 2018, vol. 2, no. 4, p. 1028. ISSN 2575-7806.
- ADEB03     LAUKOVÁ, Andrea - KANDRIČÁKOVÁ, Anna - BINO, Eva. Biofilm Formation Ability in Streptococci Causing Acute Otitis Media in Children and Their Treatment with Lantibiotic Gallidermin. In *Journal of Medicine and Public Health*, 2021, vol. 2, no. 3, art. no. 1019. ISSN 2766-8355. Dostupné na internete: <<http://www.medtextpublications.com/journal-of-medicine-and-public-health-home.php>>
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- ADFB20     LAUKOVÁ, Andrea - CHRASTINOVÁ, Ľubica - STROMPFOVÁ, Viola -  
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#### **ADMA Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus**

- ADMA01      ALVAREZ, Maria Elena Vilar - CHIVERS, Martin - BOROVSKÁ, Ivana - MONGER, Steven - GIANNOULATOU, Eleni - KRÁLOVIČOVÁ, Jana - VOŘECHOVSKÝ, Igor\*\*. Transposon clusters as substrates for aberrant splice-site activation. In *RNA Biology*, 2021, vol. 18, no. 3, p. 354-367. (2020: 4.652 - IF, Q2 - JCR, 2.470 - SJR, Q1 - SJR). ISSN 1547-6286. Dostupné na: <https://doi.org/10.1080/15476286.2020.1805909>
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- AEDA02     DAROLOVÁ, Alžbeta\*\* - KRIŠTOFÍK, Ján - MAJTÁN, Juraj - ZEMAN, Michal - OKULIAROVÁ, Monika - KNAUER, Felix - RUBÁČOVÁ, Lucia - HOI, Herbert. Does breeding environment affect eggshell bacteria load and female antibacterial defence investment? In *Tichodroma : ornitologický časopis*, 2018, roč. 30, s. 35-47. (2018 - Zoological Record). ISSN 1337-026X.
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- AFD05      BINO, Eva - LAUKOVÁ, Andrea - CHRASTINOVÁ, Ľ. - KANDRIČÁKOVÁ, Anna - PLACHÁ, Iveta - KUBAŠOVÁ, Ivana - FORMELOVÁ, Z. - STROMPFOVÁ, Viola. Mikrobiálny profil a fagocytárna aktivita u brojlerových králikov s podávaním biofilm-tvoriaceho a biofilm-netvoriaceho kmeňa *Enterococcus hirae* = Microbial profile and phagocytic activity in broiler rabbits administrating biofilm-forming and biofilm-not forming *Enterococcus hirae*. In *Hygiena Alimentorum XXXIX zdravotná bezpečnosť a kvalita hydinového mäsa, vajec, produktov rybolovu a zveriny : zborník prednášok a posterov z medzinárodnej vedeckej konferencie 16.-18. mája 2018, Štrbské Pleso - hotel Patria Slovenská republika*. Zostavili Jozef Nagy, Peter Popelka, recenzovali Jaroslav Legáth, Pavel Nad'. - Košice : UVLF, 2018, p. 266 - 271. ISBN 978-80-8077-580-3.
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