

Publikácie / Publications

Department: SAVNOPAT - Ústav normálnej a patologickej fyziológie SAV
Year of publication 2012~2015

Statistics publication category

AAB	Scientific monographs published in Slovak publishing houses	1
ABC	Chapters in scientific monographs published abroad	1
ABD	Chapters in scientific monographs published in Slovak publishing houses	5
ACB	Academic/university textbooks published in Slovak publishing houses	1
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	69
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	3
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	8
ADFB	Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)	10
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	23
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	7
ADNA	Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus	3
ADNB	Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus	20
AEC	Scientific papers in foreign peer-reviewed proceedings, monographs	10
AED	Scientific papers in domestic peer-reviewed proceedings, monographs	38
AEDA	Scientific papers in domestic peer-reviewed proceedings and shorter chapters in domestic scientific monographs or academic/university textbooks	5
AEGA	Abstracts of scientific papers published in foreign impacted journals registered in Current Contents Connect	78
AEMA	Abstracts of scientific papers published in foreign impacted journals registered in Web of Science Core Collection or Scopus	1
AFA	Published invited papers from foreign scientific conferences	1
AFC	Published papers from foreign scientific conferences	2
AFD	Published papers from domestic scientific conferences	8
AFE	Abstracts of invited papers from foreign conferences	7
AFF	Abstracts of invited papers from domestic conferences	2
AFFA	Abstracts of invited papers from international conferences in Slovakia	2

AFG	Abstracts of papers from foreign conferences	109
AFH	Abstracts of papers from domestic conferences	33
AFHA	Abstracts of papers from international conferences in Slovakia	107
AFHB	Abstracts of papers from domestic conferences	25
AFK	Foreign conferences posters	4
AFL	Domestic conferences posters	13
BCB	Textbooks for primary and secondary schools	1
BCK	Chapters in textbooks for primary and secondary schools, university course materials and instructional texts	1
BDFB	Professional papers in other domestic non-impacted journals (not registered in CCC)	1
BFBA	Abstracts of scientific papers from international action in Slovakia	1
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	3
GHG	Works published on the internet	2
Count		605

AAB Scientific monographs published in Slovak publishing houses

- AAB01 KRISTEK, František - ČAČÁNYIOVÁ, Soňa. *Štruktúra a funkcia cievnej stený v normotenzii a hypertenzii*. Bratislava : Petrus, 2015. 130 s. MZ SR č.2012/51-SAV-1, VEGA 2/0067/13, 2/0074/14. ISBN 978-80-89233-79-3.

ABC Chapters in scientific monographs published abroad

- ABC01 MACHO, Ladislav - KVVETŇANSKÝ, Richard - AHLERS, I. - MIŠUROVÁ, E. - HLAVAČKA, František. Life science space research in Czechoslovakia and Slovak Republic. In *History of Rocketry and Astronautics. AAS History Series*. Vol. 41. - San Diego, California : American Astronautical Society, 2014, s. 413-430. ISBN 978-087703-607-4.

ABD Chapters in scientific monographs published in Slovak publishing houses

- ABD01 BERÉNYIOVÁ, Andrea - ČAČÁNYIOVÁ, Soňa. Vazoaktívne účinky sírovodíka ako súčasť regulácie cievneho tonusu a tlaku krvi. In *Regulačné mechanizmy v patofyziológii hypertenzie*. - Bratislava : Petrus, 2015, s. 142-155. ISBN 978-80-89233-76-2. VEGA 2/0074/14, MZ SR 2012/51-SAV-1.
- ABD02 DOVINOVÁ, Ima - MAJZÚNOVÁ, Miroslava. Aberantná redoxná regulácia v hypertenzii. In *Regulačné mechanizmy v patofyziológii hypertenzie*. - Bratislava : Petrus, 2015, s. 103-116. ISBN 978-80-89233-76-2. APVV-0348-12, VEGA 02/0129/14, MZ SR 2012-51-SAV-1.
- ABD03 DROBNÁ, Magdaléna - KRISTEK, František. Účinok prazosínu a losartanu na štruktúru kardiovaskulárneho systému u mladých spontánne hypertenzných potkanov. In *Regulačné mechanizmy v patofyziológii hypertenzie*. - Bratislava : Petrus, 2015, s. 63-75. ISBN 978-80-89233-76-2. MZ SR 2012/51-SAV-1, VEGA 2/0067/14.

ABD04 KELLEROVÁ, Eva. Srdce a cievy - intuície a vývoj poznania. In *Regulačné mechanizmy v patofyziológii hypertenzie*. - Bratislava : Petrus, 2015, s. 11-27. ISBN 978-80-89233-76-2.

ABD05 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Nepriaznivé dôsledky nadmernej konzumácie fruktózy a jej vzťah ku kardiovaskulárnemu poškodeniu [Adverse effects of high-fructose intake and its relationship to cardiovascular impairment]. In *Regulačné mechanizmy v patofyziológii hypertenzie*. - Bratislava : Petrus, 2015, s. 129-141. ISBN 978-80-89233-76-2. VEGA 2/0188/14, MZ SR 2012/51-SAV-1.

ACB Academic/university textbooks published in Slovak publishing houses

ACB01 HALAMA, Peter - ŠPAJDEL, Marián - ŽITNÝ, Peter. *Štatistika pre psychologov s využitím softvéru SPSS - I. Deskriptívna štatistika* [Statistics for psychologists using SPSS statistical software: I. Descriptive statistics]. Trnava : Rapos, 2013. 125 s. ISBN 978-80-89658-05-3.

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

ADCA01 ANTAL, Iryna - KUBOVČÍKOVÁ, Martina - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - PECHANOVÁ, O. - BARTA, Andrej - CEBOVÁ, Martina - ANTAL, Vitaliy - DIKO, Pavel - ZDURIENČÍKOVÁ, Martina - PUDLÁK, Michal - KOPČANSKÝ, Peter. Magnetic poly(D,L-lactide) nanoparticles loaded with aliskiren: a promising tool for hypertension treatment. In *Journal of Magnetism and Magnetic Materials*, 2015, vol. 380, p. 280-284. (1.970 - IF2014). (2015 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

ADCA02 BACHAROVÁ, Ljuba - SZATHMÁRY, Vavrínek - POTSE, Mark - MATEAŠIK, Anton. Computer simulation of ECG manifestations of left ventricular electrical remodeling. In *Journal of Electrocardiology*, 2012, vol. 45, p. 630-634. (1.141 - IF2011). (2012 - Current Contents). ISSN 0022-0736. ITMS 26 240 220 072.

ADCA03 BACHAROVÁ, Ljuba - BANG, Lia E. - SZATHMÁRY, Vavrínek - MATEAŠIK, Anton. Imaging QRS complex and ST segment in myocardial infarction. In *Journal of Electrocardiology*, 2014, vol. 17, no. 4, p. 438-447. (1.363 - IF2013). (2014 - Current Contents). ISSN 0022-0736. VEGA 2/0131/13, APVV-0134-11, ITMS 26240220072.

ADCA04 BACHAROVÁ, Ljuba - SZATHMÁRY, Vavrínek - MATEAŠIK, Anton. QRS complex and ST segment manifestations of ventricular ischemia: The effect of regional slowing of ventricular activation. In *Journal of Electrocardiology*, 2013, vol. 46, no. 6, p. 497-504. (1.093 - IF2012). (2013 - Current Contents). ISSN 0022-0736. VEGA 2/0131/13, APVV-0134-11.

ADCA05 BALIŠ, Peter - PÚZSEROVÁ, Angelika - SLEZÁK, Peter - ŠESTÁKOVÁ, Natália - PECHÁNOVÁ, Oľga - BERNÁTOVÁ, Iveta. Short-term administration of Alibernet red wine extract failed to affect blood pressure and to improve endothelial function in young normotensive and spontaneously hypertensive rats. In *Physiological Research*, 2013, vol. 62, no. 6, p. 631-641. (1.531 - IF2012). (2013 -

- ADCA06 BARTEKOVÁ, Monika - ŠIMONČÍKOVÁ, Petra - FOGARASSYOVÁ, Mária - IVANOVÁ, Monika - OKRUHLICOVÁ, Ľudmila - TRIBULOVÁ, Narcis - DOVINOVÁ, Ima - BARANČÍK, Miroslav. Quercetin Improves Postischemic Recovery of Heart Function in Doxorubicin-Treated Rats and Prevents Doxorubicin-Induced Matrix Metalloproteinase-2 Activation and Apoptosis Induction. In *International Journal of Molecular Sciences*, 2015, vol. 16, no. 4, p. 8168-8185. (2.862 - IF2014). (2015 - Current Contents). ISSN 1422-0067. VEGA SR 2/0169/12, 2/0140/12; APVV-0348-12.
- ADCA07 BERÉNYIOVÁ, Andrea - GRMAN, Marián - MIJUSKOVIC, A. - STAŠKO, Andrej - MIŠÁK, Anton - NAGY, Peter - ONDRIAŠOVÁ, Elena - ČAČÁNYIOVÁ, Soňa - BREZOVÁ, Vlasta - FEELISCH, Martin - ONDRIAŠ, Karol. The reaction products of sulfide and S-nitrosoglutathione are potent vasorelaxants. In *Nitric Oxide : Biology and Chemistry*, 2015, vol. 46, p. 123-130. (3.521 - IF2014). (2015 - Current Contents). ISSN 1089-8603. APVV-0074-11, VEGA 2/0050/13, 1/0289/12, 2/0074/14.
- ADCA08 CELEC, Peter - HODOSY, Július - JANI, P. - JANEGA, Pavol - KÚDELA, Matúš - KALOUSOVÁ, Marta - HOLZEROVÁ, Johana - PARRÁK, Vojtech - HALČÁK, L. - ZIMA, Tomáš - BRAUN, Martin - PECHÁŇ, Ivan - MURÍN, Ján - ŠEBEKOVÁ, Katarína. Advanced glycation end products in myocardial reperfusion injury. In *Heart and Vessels*, 2012, vol. 27, no. 2, p. 208-215. (2.047 - IF2011). (2012 - Current Contents). ISSN 0910-8327. MSM 0021620807, VMSP-II-0027-09.
- ADCA09 ČAČÁNYIOVÁ, Soňa - BERÉNYIOVÁ, Andrea - DROBNÁ, Magdaléna - KRISTEK, František - DOVINOVÁ, Ima - KRENEK, Peter - PIVÁČKOVÁ, Lenka - PIFKOVÁ, Ivana. Different vasoactive effects of chronic endothelial and neuronal NO-synthase inhibition in young Wistar rats. In *Journal of Physiology & Biochemistry*, 2014, vol. 70, no. 3, p. 749-760. (2.496 - IF2013). (2014 - Current Contents). ISSN 1138-7548. VEGA 2/0074/14, 2/0067/14, 1/0981/12, MZ SR 2012/51-SAV-1.
- ADCA10 ČAČÁNYIOVÁ, Soňa - KRISTEK, František - MÁLEKOVÁ, Magdaléna - ONDRIAŠ, Karol. Effect of chronic neuronal nitric oxide-synthase inhibition on arterial function and structure in spontaneously hypertensive rats. In *Journal of Physiology and Pharmacology : formerly Acta Physiologica Polonica*, 2012, vol. 63, no. 1, p. 23-28. (2.267 - IF2011). (2012 - Current Contents). ISSN 0867-5910. VEGA 2/0111/12, VEGA 2/0019/12, SK-SRB-0026-09, SAS-NSC JRP 2010/01.
- ADCA11 ČAČÁNYIOVÁ, Soňa - DOVINOVÁ, Ima - KRISTEK, František. The role of oxidative stress in acetylcholine-induced relaxation of endothelium-denuded arteries. In *Journal of Physiology and Pharmacology : formerly Acta Physiologica Polonica*, 2013, vol. 64, no. 2, p. 241-247. (2.476 - IF2012). (2013 - Current Contents). ISSN 0867-5910. VEGA 2/0111/12, VEGA 2/0019/12, SAS-NSC JRP 2010/01.
- ADCA12 ČIERNA, Zuzana - MEGO, Michal - JANEGA, Pavol - KARABA, Marian - MINARIK, Gabriel - BENCA, Juraj - SEDLÁČKOVÁ, Tatiana - CINGELOVÁ,

Silvia - GRONESOVÁ, Paulína - MANASOVA, Denisa - PINDAK, Daniel - ŠUFLIARSKY, Juraj - DANIHEL, Ľudovít - REUBEN, James M. - MARDIAK, Jozef. Matrix metalloproteinase 1 and circulating tumor cells in early breast cancer. In *BMC Cancer*, 2014, vol. 14, no. 472, p. 1-8. (3.319 - IF2013). (2014 - Current Contents). ISSN 1471-2407. Dostupné na internete: <<http://www.biomedcentral.com/content/pdf/1471-2407-14-472.pdf>>.

ADCA13 ČIŽEKOVÁ, L. - GROLMUSOVÁ, A. - IPÓTHOVÁ, Z. - BARBIERIKOVÁ, Zuzana - BREZOVÁ, V. - HUNÁKOVÁ, Ľubica - IMRICH, J. - JANOVEC, L. - DOVINOVÁ, Ima - PAULÍKOVÁ, H. Novel 3,6-bis(imidazolidine)acridines as effective photosensitizers for photodynamic therapy. In *Bioorganic & Medicinal Chemistry*, 2014, vol. 22, no. 17, p. 4684-4693. (2.951 - IF2013). (2014 - Current Contents). ISSN 0968-0896.

ADCA14 DROBNÁ, Magdaléna - MIŠÁK, Anton - HOLLAND, T. - KRISTEK, František - GRMAN, Marián - TOMÁŠOVÁ, Lenka - BERÉNYIOVÁ, Andrea - ČAČÁNYIOVÁ, Soňa - ONDRIAS, Karol. Captopril partially decreases the effect of H₂S on rat blood pressure and inhibits H₂S-induced nitric oxide release from S-nitrosoglutathione. In *Physiological Research*, 2015, vol. 64, p. 479-486. (1.293 - IF2014). (2015 - Current Contents). ISSN 0862-8408. APVV-0074-11, VEGA 2/0050/13, 2/0094/12, 2/0074/14, 2/0067/13, 2012/51-SAV-1.

ADCA15 LEDVÉNYIOVÁ-FARKAŠOVÁ, Veronika - BERNÁTOVÁ, Iveta - BALIŠ, Peter - PÚZSEROVÁ, Angelika - BARTEKOVÁ, Monika - GABLOVSKÝ, Ivan - RAVINGEROVÁ, Táňa. Effect of crowding stress on tolerance to ischemia-reperfusion injury in young male and female hypertensive rats: molecular mechanisms. In *Canadian Journal of Physiology and Pharmacology*, 2015, vol. 93, iss. 9, p. 793-802. (1.770 - IF2014). (2015 - Current Contents). ISSN 0008-4212. APVV-0523-10, APVV-0102-11, VEGA SR 2/0201/15 and 2/0084/14.

ADCA16 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - FERKO, Miroslav - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Impact of age and sex on response to ischemic preconditioning in the rat heart: differential role of the PI3K-AKT pathway. In *Canadian Journal of Physiology and Pharmacology*, 2013, vol. 91, no. 8, p. 640-647. (1.556 - IF2012). (2013 - Current Contents). ISSN 0008-4212. VEGA 2/0054/11, VEGA 2/0101/12, APVV-0102-11, APVV-0523-10.

ADCA17 FEKETE OVÁ, Lucia - JANČOVÁ, Petra - MORAVCOVÁ, Petra - JANEGOVÁ, Andrea - BAUEROVÁ, Katarína - PONIŠT, Silvester - MIHALOVÁ, Danica - JANE GA, Pavol - BABÁL, Pavel. Effect of methotrexate on inflammatory cells redistribution in experimental adjuvant arthritis. In *Rheumatology international*, 2012, vol. 32, p. 3517-3523. (1.885 - IF2011). (2012 - Current Contents). ISSN 0172-8172. APVV 51-017905, VEGA 2/0093/08, VEGA 2/0045/11. Dostupné na internete: <<http://www.springerlink.com/content/u43h623j56338568/fulltext.pdf>>.

ADCA18 FRIMMEL, Karel - VLKOVÍČOVÁ, Jana - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. The effect of omega-3 fatty acids on expresion of Connexin-40 in Wistar rat aorta after

lipopolysaccharide administration. In *Journal of Physiology and Pharmacology : formerly Acta Physiologica Polonica*, 2014, vol. 65, no. 1, p. 83-94. (2.720 - IF2013). (2014 - Current Contents). ISSN 0867-5910. VEGA 2/0108/10, VEGA 2/0065/13.

ADCA19 FURDOVÁ, Alena - STRMEŇ, Peter - WACZULÍKOVÁ, Iveta - CHORVÁTH, Martin - SRAMKA, Miron - SLEZÁK, Peter. One-day session LINAC-based stereotactic radiosurgery of posterior uveal melanoma. In *European Journal of Ophthalmology*, 2012, vol. 22, no. 2, p. 226-235. (0.965 - IF2011). (2012 - Current Contents). ISSN 1120-6721.

ADCA20 GALLEANO, Monica - BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - PECHÁŇOVÁ, Oľga - FRAGA, César G. (-)-Epicatechin reduces blood pressure and improves vasorelaxation in spontaneously hypertensive rats by NO-mediated mechanism. In *IUBMB life*, 2013, vol. 65, no. 8, p. 710-715. (2.789 - IF2012). (2013 - Current Contents). ISSN 1521-6543. UBACyt 20020090100111 and 20020100100659, CONICET PIP-11220110100612, APVV-0523-10, VEGA-2/0084/10.

ADCA21 GÁSPÁROVÁ, Zdenka - JANEGA, Pavol - PRÓNAYOVÁ, Nad'a - LIPTAJ, Tibor. Middle-aged rat hippocampus and some early changes accompanying aging. In *Central European Journal of Biology*, 2012, vol. 7, no. 5, p. 810-816. (1.000 - IF2011). (2012 - Current Contents). ISSN 1895-104X. VEGA 2/0048/11.

ADCA22 GRIECSOVÁ, Lucia - FARKAŠOVÁ, Veronika - GABLOVSKÝ, Ivan - KHANDELWAL, V. K. M. - BERNÁTOVÁ, Iveta - TATARKOVÁ, Zuzana - KAPLÁN, Peter - RAVINGEROVÁ, Táňa. Effect of maturation on the resistance of rat hearts against ischemia. Study of potential molecular mechanisms. In *Physiological Research*, 2015, vol. 64, suppl. 5, p. S685-S696. (1.293 - IF2014). (2015 - Current Contents). ISSN 0862-8408. VEGA SR 2/0201/15, APVV-0523-10, APVV-0102-11.

ADCA23 HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - BZDÚŠKOVÁ, Diana - HLAVAČKA, František. Age-related changes in postural responses to backward platform translation. In *Physiological Research*, 2012, vol. 61, no.3, p. 331-335. (1.555 - IF2011). (2012 - Current Contents). ISSN 0862-8408. VEGA 2/0186/10.

ADCA24 HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. Effectiveness of different visual biofeedback signals for human balance improvement. In *Gait & Posture*, 2014, vol.39, p. 410-414. (2.299 - IF2013). (2014 - Current Contents). ISSN 0966-6362. VEGA 2/0138/13.

ADCA25 HODOSY, Július - ZELMANOVÁ, Dorota - MAJZÚNOVÁ, Miroslava - FILOVÁ, Barbora - MALINOVÁ, Mária - OSTATNÍKOVÁ, Daniela - CELEC, Peter. The anxiolytic effect of testosterone in the rat is mediated via the androgen receptor. In *Pharmacology, Biochemistry and Behavior*, 2012, vol. 102, p. 191-195. (2.532 - IF2011). (2012 - Current Contents). ISSN 0091-3057. APVV-0753-10.

ADCA26 HRENÁK, J. - PAULIS, Ľudovít - REPOVÁ, K. - AZIRIOVÁ, S. - NAGTEGAAL, Elsbeth J. - REITER, Russel J. - ŠIMKO, Fedor. Melatonin and

Renal Protection: Novel Perspectives from Animal Experiments and Human Studies (Review). In *Current Pharmaceutical Design*, 2015, vol. 21, no. 7, p. 936-949. (3.452 - IF2014). (2015 - Current Contents). ISSN 1381-6128.

ADCA27 HRENÁK, J. - ARENDÁŠOVÁ, K. - RAJKOVIČOVÁ, R. - AZIRIOVÁ, S. - REPOVÁ, K. - KRAJČIROVIČOVÁ, K. - CELEC, Peter - KAMODYOVÁ, Natália - BARTA, Andrej - ADAMCOVÁ, M. - PAULIS, Ľudovít - ŠIMKO, Fedor. Protective effect of captopril, olmesartan, melatonin and compound 21 on doxorubicin-induced nephrotoxicity in rats. In *Physiological Research*, 2013, vol. 62, suppl. 1, p. S181-S189. (1.531 - IF2012). (2013 - Current Contents). ISSN 0862-8408. VEGA 1/0227/12, 1/0831/11, 2/0183/12, APVV-0742-10, APVV-0205-11, UK-442/2013, UK-472/2013, PRVOUK P37/5.

ADCA28 IVANOVÁ, Monika - DOVINOVA, Ima - OKRUHLICOVÁ, Ľudmila - TRIBULOVA, Narcis - ŠIMONČIKOVÁ, Petra - BARTEKOVÁ, Monika - VLKOVIČOVÁ, Jana - BARANČÍK, Miroslav. Chronic cardiotoxicity of doxorubicin involves activation of myocardial and circulating metalloproteinases in rats. In *Acta Pharmacologica Sinica*, 2012, vol. 33, p. 459-469. (1.953 - IF2011). (2012 - Current Contents). ISSN 1671-4083. VEGA 2/0205/09, 2/0049/09, 2/0108/10, SAS-NSC JRP 2010/01.

ADCA29 KAYSEROVA, J. - SISMOVA, K. - ZENTSOVA-JARESOVA, I. - KATINA, Stanislav - VERNEROVA, E. - POLOUCKOVA, A. - CAPKOVA, S. - MALINOVA, V. - STRIZ, I. - SEDIVA, A. A prospective study in children with a severe form of atopic dermatitis: Clinical outcome in relation to cytokine gene polymorphisms. In *Journal of Investigational Allergology and Clinical Immunology*, 2012, vol. 22, no. 2, p. 92-101. (2.269 - IF2011). (2012 - Current Contents). ISSN 1018-9068. MZ0FNM2005, VZ MSM 0021620812, VEGA 1/0077/09.

ADCA30 KLIMAS, Ján - OLVEDY, Michael - OCHODNICKÁ-MACKOVIČOVÁ, Katarína - KRUŽLIAK, Peter - ČAČANYIOVÁ, Soňa - KRISTEK, František - KRENEK, Peter - OCHODNICKÝ, Peter. Perinatally administered losartan augments renal ACE2 expression but not cardiac or renal Mas receptor in spontaneously hypertensive rats. In *Journal of Cellular and Molecular Medicine*, 2015, vol. 19, no. 8, p. 1965-1974. (4.014 - IF2014). (2015 - Current Contents). ISSN 1582-1838. APVV-0887-11; VEGA 1/0564/13, 2/0074/14, 1/0294/15, FNUSA-ICRC (no. CZ.1.05/1.1.00/02.0123).

ADCA31 KMEŤOVÁ SIVOŇOVÁ, Monika - DOBROTA, Dušan - DUŠENKA, Róbert - WACZULÍKOVÁ, Iveta - SLEZÁK, Peter - MATÁKOVÁ, Tatiana - MAHMOODOVÁ, Silvia - MIŠTUNA, Dušan - KLIMENT, Ján. Effect of CYP17 and PSA gene polymorphisms on prostate cancer risk and circulating PSA levels in the Slovak population. In *Molecular Biology Reports*, 2012, vol. 39, p. 7871-7880. (2.929 - IF2011). (2012 - Current Contents). ISSN 0301-4851. MH SR 2007/45-UK-10, MH SR 2007/57-UK-17, CEVYPET code 2622012053.

ADCA32 KOZMANN, G. - TUBOLY, G. - SZATHMÁRY, Vavríne - ŠVEHLÍKOVÁ, Jana - TYŠLER, Milan. Computer modelling of beat-to-beat repolarization heterogeneity in human cardiac ventricles. In *Biomedical Signal Processing and*

Control, 2014, vol. 14, p. 285-290. (1.532 - IF2013). (2014 - Current Contents).
ISSN 1746-8094.

ADCA33 KOZMANN, G. - TUBOLY, G. - TARJÁNYI, Z. - SZATHMÁRY, Vavrínek -
ŠVEHLÍKOVÁ, Jana - TYŠLER, Milan. Model interpretation of body surface
potential QRST integral map variability in arrhythmia patients. In *Biomedical Signal
Processing and Control*, 2014, vol. 12, p. 3-9. (1.532 - IF2013). (2014 - Current
Contents). ISSN 1746-8094.

ADCA34 KRÁLOVÁ, Eva - DÓKA, Gabriel - PIVÁČKOVÁ, Lenka - SRANKOVA,
Jasna - KURACINOVÁ, Kristína - JANEGA, Pavol - BABÁL, Pavel - KLIMAS,
Ján - KŘENEK, Peter. L-Arginine Attenuates Cardiac Dysfunction, But Further
Down-Regulates alpha-Myosin Heavy Chain Expression in Isoproterenol-Induced
Cardiomyopathy. In *Basic & clinical pharmacology & toxicology : formerly
Pharmacology and toxicology*, 2015, vol. 117, no. 4, p. 251-260. (2.377 - IF2014).
(2015 - Current Contents). ISSN 1742-7835. APVV-0887-11, VEGA 1/0294/15 and
1/0564/13.

ADCA35 KRISTEK, František - MÁLEKOVÁ, Magdaléna - ONDRIŠ, Karol -
ČAČÁNYIOVÁ, Soňa. Blood pressure-independent hypotrophy of the heart,
kidneys and conduit arteries after 7-nitroindazole administration to Wistar rats from
the prenatal period to adulthood. In *Journal of Physiology and Pharmacology :
formerly Acta Physiologica Polonica*, 2013, vol. 64, no. 1, p. 35-39. (2.476 -
IF2012). (2013 - Current Contents). ISSN 0867-5910. VEGA 2/0019/12, VEGA
2/0111/12, and SAS-NSC JRP 2010/01.

ADCA36 KRISTEK, František - DROBNÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa.
Different effects of 7-nitroindazole and L-NAME administered both individually
and together on the cardiovascular system of the rat. In *Physiological Research*,
2015, vol. 64, no. 1, p. 1-10. (1.293 - IF2014). (2015 - Current Contents). ISSN
0862-8408. MZ SR 2012/51-SAV-1, VEGA 2/0067/14, 2/0074/14.

ADCA37 KRUŽLIAK, Peter - PECHÁŇOVÁ, Oľga - KARA, Tomáš. New perspectives
of nitric oxide donors in cardiac arrest and cardiopulmonary resuscitation treatment.
In *Heart Failure Reviews*, 2014, vol. 19, p. 383-390. (3.991 - IF2013). (2014 -
Current Contents). ISSN 1382-4147. Project FNUSA-ICRC (No.
CZ.1.05/1.1.00/02.0123).

ADCA38 KRUŽLIAK, Peter - KOVÁČOVÁ, Gabriela - PECHÁŇOVÁ, Oľga.
Therapeutic potential of nitric oxide donors in the prevention and treatment of
angiogenesis-inhibitor-induced hypertension. In *Angiogenesis*, 2012, p. 1-7. (6.063 -
IF2011). (2012 - Current Contents). ISSN 0969-6970. FNUSA-ICRC
(No.CZ.1.05/1.1.00/02.0123), ITMS 26240120020, APVV-0742-10, VEGA
2/0190/11.

ADCA39 KRUŽLIAK, Peter - SYAMASUNDAR, Rao P. - NOVÁK, Miroslav -
PECHÁŇOVÁ, Oľga - KOVÁČOVÁ, Gabriela. Unilateral absence of pulmonary
artery: Pathophysiology, symptoms, diagnosis and current treatment. In *Archives of
Cardiovascular Diseases*, 2013, vol. 106, p. 448-454. (1.662 - IF2012). (2013 -

Current Contents). ISSN 1875-2136. Project FNUSA-ICRC (No. CZ.1.05/1.1.00/02.0123).

- ADCA40 KUČEROVÁ, Lucia - FEKETEOVÁ, Lucia - MATÚŠKOVÁ, Miroslava - KOZOVSKÁ, Zuzana - JANEGA, Pavol - BABAL, Pavel - POTURNAJOVÁ, Martina. Local bystander effect induces dormancy in human medullary thyroid carcinoma model in vivo. In *Cancer Letters*, 2013, vol. 335, no. 2, p. 299-305. (4.258 - IF2012). (2013 - Current Contents). ISSN 0304-3835.
- ADCA41 MAJZÚNOVÁ, Miroslava - DOVINOVÁ, Ima - BARANČÍK, Miroslav - CHAN JULIE, Y.H. Redox signaling in pathophysiology of hypertension. In *Journal of Biomedical Science*, 2013, vol. 20, p. 69-78. (2.458 - IF2012). (2013 - Current Contents). ISSN 1021-7770. SAS-NSC JRP 2010/1 (ID), NSC100-2923-B075B-001-MY3 (JYHC).
- ADCA42 MEGO, Michal - KARABA, Marian - MINÁRIK, Gabriel - BENCA, Juraj - SEDLÁČKOVÁ, Tatiana - TOTHOVÁ, Lubomira - VLKOVÁ, B. - ČIERNA, Zuzana - JANEGA, Pavol - LUHA, Ján - GRONESOVÁ, Paulína - PINDAK, Daniel - FRIDRICHOVÁ, Ivana - CELEC, Peter - REUBEN, James M. - CRISTOFANILLI, Massimo - MARDIAK, Jozef. Relationship between circulating tumor cells, blood, coagulation, and urokinase-plasminogen-activator system in early breast cancer patients. In *Breast Journal*, 2015, vol. 21, no. 2, p. 155-160. (1.411 - IF2014). (2015 - Current Contents). ISSN 1075-122X.
- ADCA43 MEGO, Michal - ČIERNA, Zuzana - JANEGA, Pavol - KARABA, M. - MINÁRIK, G. - BENCAT, Jan - SEDLÁČKOVÁ, T. - SIEBEROVÁ, G. - GRONESOVÁ, Paulína - MANASOVÁ, D. - PINDAK, D. - ŠUFLIARSKY, Juraj - DANIHEL, Ľudovít - RUBEN, J.M. - MARDIAK, Jozef. Relationship between circulating tumor cells and epithelial to mesenchymal transition in early breast cancer. In *BMC Cancer*, 2015, vol. 15, no.533, p. 1-9. (3.362 - IF2014). (2015 - Current Contents). ISSN 1471-2407. Dostupné na internete: <<http://www.biomedcentral.com/1471-2407/15/533>>.
- ADCA44 MINÁR, Michal - VALKOVA, Patricia - VALKOVIČ, Peter. Prevalence and impact of restless legs syndrome in university students. In *Movement Disorders*, 2013, vol. 28, no. 8, p. 1157-1158. (4.558 - IF2012). (2013 - Current Contents). ISSN 0885-3185.
- ADCA45 PAULIS, Ľudovít - ŠIMKO, Fedor - LAUDON, M. Cardiovascular effects of melatonin receptor agonists. In *Expert Opinion on Investigational Drugs*, 2012, vol. 21, no.11, p. 1661-1678. (5.274 - IF2011). (2012 - Current Contents). ISSN 1354-3784.
- ADCA46 PAULIS, Ľudovít - BECKER, S. - LUCHT, K. - SCHWENGEL, K. - SLAVIC, S. - KASCHINA, E. - THONE-REINEKE, C. - DAHLÖF, B. - BAULMANN, J. - UNGER, Thomas - STECKELINGS, U.M. Direct angiotensin II type 2 receptor stimulation in N ω -nitro-L-arginine-methyl ester-induced hypertension: the effect on pulse wave velocity and aortic remodeling. In *Hypertension*, 2012, vol. 59, no. 2, p. 485-492. (6.207 - IF2011). (2012 - Current

Contents). ISSN 0194-911X. Intra-European Fellowship 2009-237834, VEGA 1/0831/09.

- ADCA47 PAULIS, Ľudovít - RAJKOVIČOVÁ, R. - ŠIMKO, Fedor. New Developments in the Pharmacological Treatment of Hypertension: Dead-End or a Glimmer at the Horizon? In *Current Hypertension Reports*, 2015, vol. 17, no. 6, 13 p. (3.435 - IF2014). (2015 - Current Contents). ISSN 1522-6417.
- ADCA48 PECHÁŇOVÁ, Oľga - VARGA, Z.V. - CEBOVÁ, Martina - GIRICZ, Z. - PACHER, P. - FERDINANDY, Peter. Cardiac NO signalling in the metabolic syndrome. In *British Journal of Pharmacology*, 2015, vol. 172, no. 6, p. 1415-1433. (4.842 - IF2014). (2015 - Current Contents). ISSN 0007-1188. APVV-0742-10, VEGA 2/0183/12 and 2/0144/14, OTKA K109737, COST Action BM1005. Dostupné na internete: <www.bripharmacol.org>.
- ADCA49 PECHÁŇOVÁ, Oľga - PAULIS, Ľudovít - ŠIMKO, Fedor. Peripheral and central effects of melatonin on blood pressure regulation. In *International Journal of Molecular Sciences*, 2014, vol. 15, p. 17920-17937. (2.339 - IF2013). (2014 - Current Contents). ISSN 1422-0067. APVV-0742-10, VEGA 2/0183/12 and 2/0144/14.
- ADCA50 PEKÁRIKOVÁ, Danica - RAJSKÁ, Petra - KAZIMÍROVÁ, Mária - PECHÁŇOVÁ, Oľga - TAKÁČ, Peter - NUTTALL, Patricia A. Vasoconstriction induced by salivary gland extracts from ixodid ticks. In *International Journal for Parasitology*, 2015, vol. 45, iss. 14, p. 879–883. (3.872 - IF2014). (2015 - Current Contents). ISSN 0020-7519. Dostupné na internete: <<http://www.sciencedirect.com/science/journal/00207519>>.
- ADCA51 PRIPFL, Jorgen - TOMOVA, Livia - RIEČANSKÝ, Igor - LAMM, Claus. Transcranial magnetic stimulation of the left dorsolateral prefrontal cortex decreases cue-induced nicotine craving and EEG delta power. In *Brain Stimulation*, 2014, vol. 7, p. 226-233. (5.432 - IF2013). (2014 - Current Contents). ISSN 1935-861X. MMI-CNS research cluster, Anniversary fund project no.14350, VEGA 2/0080/13, MZ SR grant no. 2012/52-SAV2.
- ADCA52 PROFANT, Milan - SLÁVIKOVÁ, Katarína - KABÁTOVÁ, Zuzana - SLEZÁK, Peter - WACZULÍKOVÁ, Iveta. Predictive validity of MRI in detecting and following cholesteatoma. In *European Archives of Oto-Rhino-Laryngology*, 2012, vol. 269, no. 3, p. 757-765. (1.287 - IF2011). (2012 - Current Contents). ISSN 0937-4477. APVV-0148-10, VEGA 1/0465/11.
- ADCA53 PÚZSEROVÁ, Angelika - KOPINCOVÁ, Jana - SLEZÁK, Peter - BALIŠ, Peter - BERNÁTOVÁ, Iveta. Endothelial dysfunction in femoral artery of the hypertensive rats is nitric oxide independent. In *Physiological Research*, 2013, vol. 62, no. 6, p. 615-629. (1.531 - IF2012). (2013 - Current Contents). ISSN 0862-8408. VEGA 2/0084/10, APVV-0523-10, ITMS 26240120006, CEKOMAT I.
- ADCA54 RAVINGEROVÁ, Táňa - LEDVÉNYIOVÁ-FARKAŠOVÁ, Veronika - FERKO, Miroslav - BARTEKOVÁ, Monika - BERNÁTOVÁ, Iveta - PECHÁŇOVÁ, Oľga - ADAMEOVÁ, Adriana - KOLÁŘ, František - LAZOU,

Antigone. Pleiotropic preconditioning-like cardioprotective effects of hypolipidemic drugs in acute ischemia-reperfusion in normal and hypertensive rats. In *Canadian Journal of Physiology and Pharmacology*, 2015, vol. 93, p. 495–503. (1.770 - IF2014). (2015 - Current Contents). ISSN 0008-4212. VEGA SR 2/0201/15, 1/0638/12, APVV-0742-10, APVV-0523-10, APVV-0102-11, APVV-SK-CZ-2013-0075.

- ADCA55 RIEČANSKÝ, Igor - PAUL, Nina - KÖLBLE, Sarah - STIEGER, Stefan - LAMM, Claus. Beta oscillations reveal ethnicity ingroup bias in sensorimotor resonance to pain of others. In *Social Cognitive and Affective Neuroscience*, 2015, vol. 10, p. 893-901. (7.372 - IF2014). (2015 - Current Contents). ISSN 1749-5016. WWTF; projects CS11-005 and CS11-011, VEGA 2/0080/13 and 2/0093/14, MZ SR 2012/52-SAV-2.
- ADCA56 RIEČANSKÝ, Igor - TOMOVA, Livia - KATINA, Stanislav - BAUER, Herbert - FISCHMEISTER, Florian P. - LAMM, Claus. Visual image retention does not contribute to modulation of event-related potentials by mental rotation. In *Brain and Cognition*, 2013, vol. 83, p. 163-170. (2.823 - IF2012). (2013 - Current Contents). ISSN 0278-2626. VEGA 2/0023/10, 2/0038/12, 2/0080/13; the Ministry of Health of the SR project no. 2012/52-SAV-2; research cluster MMI-CNS.
- ADCA57 RÜTGEN, Markus - SEIDEL, Eva-Maria - SILANI, Giorgia - RIEČANSKÝ, Igor - HUMMER, Allan - WINDISCHBERGER, Christian - PETROVIC, Predrag - LAMM, Claus. Placebo analgesia and its opioidergic regulation suggest that empathy for pain is grounded in self pain. In *Proceedings of the National Academy of Sciences of the United States of America*, 2015, vol. 112, no. 41, p. E5638-E5646. (9.674 - IF2014). (2015 - Current Contents). ISSN 0027-8424.
- ADCA58 RÜTGEN, Markus - SEIDEL, Eva-Maria - RIEČANSKÝ, Igor - LAMM, Claus. Reduction of empathy for pain by placebo analgesia suggests functional equivalence of empathy and first-hand emotion experience. In *The Journal of Neuroscience*, 2015, vol. 35, no. 23, p. 8938-8947. (6.344 - IF2014). (2015 - Current Contents). ISSN 0270-6474.
- ADCA59 SLAVIC, S. - LAUER, D. - SOMMERFELD, M. - KEMNITZ, R.U. - GRZESIAK, A. - TRAPPIEL, M. - THONE-REINEKE, C. - BAULMANN, J. - PAULIS, Ľudovít - KAPPERT, K. - KINTSCHER, U. - UNGER, Thomas - KASCHINA, E. Cannabinoid receptor 1 inhibition improves cardiac function and remodelling after myocardial infarction and in experimental metabolic syndrome. In *Journal of Molecular Medicine*, 2013, vol. 91, p. 811-823. (4.768 - IF2012). (2013 - Current Contents). ISSN 0946-2716.
- ADCA60 ŠIMKO, Fedor - PAULIS, Ľudovít. Antifibrotic effect of melatonin - Perspective protection in hypertensive heart disease. In *International Journal of Cardiology*, 2013, vol. 168, no. 3, p. 2876-2877. (5.509 - IF2012). (2013 - Current Contents). ISSN 0167-5273. VEGA 1/0227/12, 2/00183/12, APVV-0742-10.
- ADCA61 ŠIMKO, Fedor - PECHÁŇOVÁ, Oľga - KRAJČIROVIČOVÁ, Kristína - MATUŠKOVÁ, Jana - PELOUCH, Václav - ADAMCOVÁ, Michaela - PAULIS, Ľudovít. Effects of captopril, spironolactone, and simvastatin on the cardiovascular

system of non-diseased Wistar rats. In *International journal of cardiology*, 2015, vol. 190, p. 128-130. (4.036 - IF2014). (2015 - Current Contents). ISSN 0167-5273.

- ADCA62 ŠIMKO, Fedor - REITER, Russel J. - PECHÁŇOVÁ, Oľga - PAULIS, Ľudovít. Experimental models of melatonin-deficient hypertension. In *Frontiers in bioscience*, 2013, vol. 18, no. 2, p. 616-625. (3.286 - IF2012). (2013 - Current Contents). ISSN 1093-9946.
- ADCA63 ŠIMKO, Fedor - PAULIS, Ľudovít. Hypertensive heart disease: bone marrow as a significant player in pathologic remodelling? In *Journal of Hypertension*, 2012, vol. 30, no. 9, p. 1702-1705. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352.
- ADCA64 ŠIMKO, Fedor - PECHÁŇOVÁ, Oľga - REPOVA BEDNAROVA, Kristina - KRAJČIROVIČOVÁ, Kristína - CELEC, Peter - KAMODYOVÁ, Natália - ZÓRAD, Štefan - KUCHARSKÁ, Jarmila - GVOZDJÁKOVÁ, Anna - ADAMCOVÁ, Michaela - PAULIS, Ľudovít. Hypertension and cardiovascular remodelling in rats exposed to continuous light: Protection by ACE-inhibition and melatonin. In *Mediators of Inflammation*, 2014, vol. 2014, p. 1-10. (2.417 - IF2013). (2014 - Current Contents). ISSN 0962-9351. VEGA 1/0227/12, VEGA 2/0183/12, APVV-0742-10, PRVOUK P37/5.
- ADCA65 ŠKORVÁNEK, Matej - ROSENBERGER, Jaroslav - MINÁR, Michal - GROFIK, Milan - HAN, Vladimír - GROOTHOF, Johan W. - VALKOVIČ, Peter - GDOVINOVA, Zuzana - VAN DIJK, Jitse P. Relationship between the non-motor items of the MDS-UPDRS and Quality of Life patients with Parkinson's disease. In *Journal of the Neurological Sciences*, 2015, vol. 353, no. 1-2, p. 87-91. (2.474 - IF2014). (2015 - Current Contents). ISSN 0022-510X.
- ADCA66 TOMÁŠOVÁ, Lenka - PAVLOVIČOVÁ, Michaela - MÁLEKOVÁ, Ľubica - MIŠÁK, Anton - KRISTEK, František - GRMAN, Marián - ČAČÁNYIOVÁ, Soňa - TOMÁŠEK, Milan - TOMÁŠKOVÁ, Zuzana - PERRY, Alexis - WOOD, Mark E. - LACINOVÁ, Ľubica - ONDRIŠ, Karol - WHITEMAN, Mathew. Effects of AP39, a novel triphenylphosphonium derivatised anethole dithiolethione hydrogen sulfide donor, on rat haemodynamic parameters and chloride and calcium Ca(v)3 and RyR2 channels. In *Nitric Oxide : Biology and Chemistry*, 2015, vol. 46, p. 131-144. (3.521 - IF2014). (2015 - Current Contents). ISSN 1089-8603. APVV-0074-11, VEGA 2/0050/13, 2/0094/12, 2/0044/13, BMBS COST Action BM1005.
- ADCA67 VANĚČKOVÁ, I. - VOKURKOVÁ, M. - RAUCHOVÁ, H. - DOBEŠOVÁ, Zdena - PECHÁŇOVÁ, Oľga - KUNEŠ, Jaroslav - VORLÍČEK, J. - ZICHA, Josef. Chronic antioxidant therapy lowers blood pressure in adult but not in young Dahl salt hypertensive rats: the role of sympathetic nervous system. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2013, vol. 208, p. 340-349. (4.382 - IF2012). (2013 - Current Contents). ISSN 1748-1708. AVOZ 50110509, 1M0510 (Ministry of Education of the Czech Republic) and 304/12/0259 (Czech Science Foundation).

ADCA68 WU, Kay L.H. - CHAO, Yung-Mei - TSAY, Shiow-Jen - CHEN, Chen Hsiu - CHAN, Samuel H.H. - DOVINOVA, Ima - CHAN JULIE, Y.H. Role of nitric oxide synthase uncoupling at rostral ventrolateral medulla in redox-sensitive hypertension associated with metabolic syndrome. In *Hypertension*, 2014, vol. 64, no. 4, p.815-824. (7.632 - IF2013). (2014 - Current Contents). ISSN 0194-911X.

ADCA69 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Diminished contractile responses of isolated conduit arteries in two rat models of hypertension. In *Chinese Journal of Physiology*, 2013, vol. 56, no. 4, p. 230-235. (0.748 - IF2012). (2013 - Current Contents). ISSN 0304-4920. VEGA 2/0193/11, VEGA 2/0188/12.

ADDA Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)

ADDA01 JURÁSOVÁ, Kinga - BIELA, A. - ŠPAJDEL, Marián. Impact of emotional valence and different source problem conditions on the resolution of analogical target problems. In *Studia Psychologica : international journal for research and theory in psychological sciences*, 2014, vol. 56, no. 2, p. 99-107. (0.414 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0039-3320.

ADDA02 KRISTEK, František - MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. Long-term effect of prazosin and losartan administration on blood pressure, heart, carotid artery, and acetylcholine induced dilation of cardiovascular system of young Wistar rats and SHR. In *General Physiology and Biophysics*, 2013, vol. 32, no. 2, p. 235-243. (0.852 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0231-5882. VEGA 2/0019/12, VEGA 2/0111/12 and grant 2012/51-SAV-1.

ADDA03 PÚZSEROVÁ, Angelika - TÖRÖK, Jozef - SOTNÍKOVÁ, Ružena - ZEMANČÍKOVÁ, Anna - BERNÁTOVÁ, Iveta. Reactivity of the mesenteric bed arteries of normotensive rats exposed to chronic social stress. In *General Physiology and Biophysics*, 2012, vol. 31, iss. 3, p. 279-290. (1.192 - IF2011). (2012 - Current Contents). ISSN 0231-5882. VEGA 2/0084/10, VEGA 2/0193/10, VEGA 2/0086/08, APVV-0523-10.

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

ADEB01 BERÉNYIOVÁ, Andrea - KRISTEK, František - DROBNÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. Úloha NO signalizačnej dráhy v regulácii cievneho tonusu - nové aspekty = Role of NO signaling pathway in regulation of vascular tone - new aspects. In *Československá fyziologie : biomedicínsky časopis*, 2015, roč. 64, č. 1, s. 4-11. ISSN 1210-6313. VEGA 2/0074/14, VEGA 2/0067/14, MZ SR 2012/51-SAV-1.

ADEB02 KOZMANN, G. - TUBOLY, G. - VASSÁNYI, István - SZATHMÁRY, Vavrínek. Kamrai szívízom-repolarizáció heterogenitás vizsgálata bioelektromos képalkotóval. [Sledovanie repolarizácie komorového myokardu pomocou bioelektronického zobrazovania] = Sledovanie repolarizácie komorového myokardu pomocou bioelektronického zobrazovania. In *IME : Az egészségügyi vezetők szaklapja*, 2014, vol. XIII, no. 3, p. 47-51. ISSN 1588-6387 print. TÁMOP-4.2.2.A-11/1/KONV-2012-0073, APVV-0513-10.

- ADEB03 KOZMANN, G. - TUBOLY, G. - VASSÁNYI, István - SZATHMÁRY, Vavrínec. Kamrai szívizom-repolarizáció heterogenitás modellezés vizsgálat. [Skúmanie heterogenity repolarizácie srdcových komôr pomocou modelovania]. In *IME : Az egészségügyi vezetők szaklapja*, 2014, vol. XIII, külöiadne číslo, p. 31-34. ISSN 1588-6387 print. TÁMOP-4.2.2.A-11/1/KONV-2012-0073, APVV-0513-10.
- ADEB04 MINÁR, M. - VALKOVIČ, Peter. Thyroid-induced worsening of parkinsonian tremor resistant to drugs and subthalamic nucleus deep brain stimulation. In *Case Reports in Neurological Medicine*, 2014, vol. 2014, article ID 489275, p. 1-3. ISSN 2090-6676.
- ADEB05 TUBOLY, G. - KOZMANN, G. - SZATHMÁRY, Vavrínec. Bioelektromos képalcotó bázisú kamrai szívizom heterogenitás becslés modellezés vizsgálat. In *IME : Az egészségügyi vezetők szaklapja*, 2015, vol. XIV, no. 2, p. 48-51. ISSN 1588-6387 print. TÁMOP-4.2.2.A-11/1/ KONV-2012-0073, APVV-0513-10.
- ADEB06 VALKOVIČ, Peter - HARSANY, J. - HANÁKOVÁ, M. - MARTINKOVÁ, Jana - BENETIN, Ján. Nonmotor symptoms in early- and advanced-stage Parkinson's disease patients on dopaminergic therapy: How do they correlate with quality of life? In *ISRN Neurology*, 2014, vol. 2014, iD 587302, p. 1-4. ISSN 2090-5505 (print).
- ADEB07 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Cardiometabollic effects of high-fructose intake in normotensive and hypertensive rats. In *Journal of International Research in Medical and Pharmaceutical Sciences*, 2015, vol. 2, no. 2, p. 54-60. ISSN 2395-4477 (Print), 2395-4485 (Online)]. VEGA 2/0188/14.
- ADEB08 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef - TABAČEKOVÁ, Marcela. Developmental plasticity and programming of cardiovascular function in prevention of genetic hypertension. In *Annals of Biological Research*, 2012, vol.3, no. 4, p. 1866-1870. ISSN 0976-1233. VEGA 2/0193, VEGA 2/0188. Dostupné na internete: <www.scholarsresearchlibrary.com>.

ADFB Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)

- ADFB01 ČAČÁNYIOVÁ, Soňa - BERÉNYIOVÁ, Andrea - MÁLEKOVÁ, Magdaléna - KRISTEK, František - DOVINOVÁ, Ima - KŘENEK, Peter - PIVÁČKOVÁ, Lenka - PIFKOVÁ, Ivana. Rozdielny vplyv chronickej inhibície neuronálnej a endotelovej NO-syntázy na kardiovaskulárny systém mladých Wistar potkanov [Different vasoactive effect of chronic inhibition of endothelial and neuronal NO-synthase on cardiovascular system of young Wistar rats]. In *Cardiology Letters*, 2015, vol. 24, supl. 1, p. 44S-45S. ISSN 1338-3655. VEGA 2/0074/14, 2/0067/14; MZ SR 2012/51-SAV-1.
- ADFB02 KOŠUTZKÁ, Zuzana - MINÁR, M. - VALKOVIČ, Peter. "Zamrzanie" chôdze pri Parkinsonovej chorobe = Freezing of the gait in Parkinson's disease. In *Lekársky obzor : odborný časopis Ministerstva zdravotníctva SR a Slovenskej postgraduálnej akadémie medicíny*, 2014, roč. 63, č. 9, s. 354-358. ISSN 0457-4214.

- ADFB03 MINÁR, M. - PETRLIČOVÁ, D. - BLAŽÍČEK, P. - VALKOVIČ, Peter.
Závažné neuropsychiatrické komplikácie alternatívnej výživy = Severe
neuropsychiatric complications of alternative diet. In *Lekársky obzor : odborný
časopis Ministerstva zdravotníctva SR a Slovenskej postgraduálnej akadémie
medicíny*, 2014, roč. 63, č. 9, s. 365-368. ISSN 0457-4214.
- ADFB04 PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. Endotelová funkcia v
experimentálnej hypertenzii [Endothelial function in experimental hypertension]. In
Vaskulárna medicína, 2012, roč. 4, č. 1-2, s. 28-31. ISSN 1338-0206.
APVV-0523-10, ITMS 26240120006.
- ADFB05 REGECOVÁ, Valéria - ŠEVČÍKOVÁ, Ľ - HAMADE, J. - JANECHOVÁ, H.
Klasifikácia hodnôt indexu telesnej hmotnosti u detí a adolescentov. In *Informačný
bulletin hlavného hygienika Slovenskej republiky*, 2015, č. 5, s. 88-97.
APVV-0348-12, VEGA 2/0084/14.
- ADFB06 REGECOVÁ, Valéria - ŠIMURKA, Pavol - BARÁKOVÁ, A. Overweight and
cardio-metabolic risk markers in adolescents of Slovakia. In *Slovenská Antropológia
: bulletin Slovenskej antropologickej spoločnosti pri SAV*, 2012, roč. 15, č.2,
s.58-62. ISSN 1336-5827. APVV-0523-10, VEGA-2/0084/10, Slovak Society of
Cardiology.
- ADFB07 REGECOVÁ, Valéria - ŠIMURKA, Pavol - BARÁKOVÁ, A. Rizikové
faktory kardiometabolických chorôb u adolescentov na Slovensku v období dekády
2001-2010. In *Lekárske listy : príloha Zdravotníckych novín. Prevencia.
Diagnostika. Terapia. Starostlivosť. Teória. Prax.*, 2012, roč. 1, č. 21, s. 9-13.
- ADFB08 SLEZÁK, Peter - NÁMER, P. - WACZULÍKOVÁ, Iveta. Spoľahlivosť
diagnostických testov - zhoda posudzovateľov (inter-rater agreement). In *Slovenská
rádiológia : Slovenská rádiologická spoločnosť*, 2012, roč. 19, č. 1, s. 5-8. ISSN
1335-0625.
- ADFB09 ŠEVČÍKOVÁ, Ľ - REGECOVÁ, Valéria - HAMADE, J. - JANECHOVÁ, H. -
ARGALÁŠOVÁ, Ľ. - JURKOVIČOVÁ, J. - BABJAKOVÁ, J. - KRAJČOVÁ, D. -
VONDROVÁ, D. K referenčným hodnotám BMI pre deti a mládež v SR. In
Informačný bulletin hlavného hygienika Slovenskej republiky, 2015, č. 5, s. 98-103.
- ADFB10 VALKOVIČ, Peter - HARŠÁNY, Ján - HANÁKOVÁ, M. - MINÁR, M. -
MARTINKOVÁ, Jana - BENETIN, Ján. Depresia je najvýznamnejším
determinantom kvality života u pacientov s Parkinsonovou chorobou = Depression
is the most important determinant of quality of life in patients with parkinson's
disease. In *Lekársky obzor : odborný časopis Ministerstva zdravotníctva SR a
Slovenskej postgraduálnej akadémie medicíny*, 2014, roč. 63, č. 9, s. 345-348. ISSN
0457-4214.

**ADMA Scientific papers in foreign impacted journals registered in Web of Sciences or
Scopus**

- ADMA01 BARTA, Andrej - JANEGA, Pavol - BABÁL, Pavel - MURÁR, E. -
CEBOVÁ, Martina - PECHÁŇOVÁ, Oľga. The effect of curcumin on liver fibrosis
in the rat model of microsurgical cholestasis. In *Food & Function*, 2015, vol. 6, no.

7, p. 2187-2193. (2.791 - IF2014). ISSN 2042-6496. APVV-0742-10, APVV-14-0932, VEGA 2/0195/15, 2/0165/15 and 2/0144/14.

- ADMA02 BERNÁTOVÁ, Iveta. Endothelial dysfunction in experimental models of arterial hypertension: Cause or consequence? In *BioMed Research International*, 2014, vol. 2014, article ID 598271, p. 1-14. (2.706 - IF2013). ISSN 2314-6133. VEGA 2/0084/14, APVV-0523-10, ITMS 26240120020, CEKOMAT II. Dostupné na internete: < <http://dx.doi.org/10.1155/2014/598271>>.
- ADMA03 BERNÁTOVÁ, Iveta - ANDRIANTSITOHAINA, Ramaroson - ARRIBAS, Silvia M. - MATCHKOV, Vladimir V. Endothelium in diseased states. In *BioMed Research International*, 2014, vol. 2014, article ID 810436, p. 1-2. (2.706 - IF2013). ISSN 2314-6133. Dostupné na internete: < <http://dx.doi.org/10.1155/2014/810436>>.
- ADMA04 BRECL JAKOB, Gregor - PELYKH, Olena - KOŠUTZKÁ, Zuzana - PIRTOŠEK, Zvezdan - TROŠT, Maja - ILMBERGER, Joseph - VALKOVIČ, Peter - MEHRKENS, Jan H. - BÖTZEL, Kai. Postural stability under globus pallidus internus stimulation for dystonia. In *Clinical Neurophysiology*, 2015, vol. 126, no. 12, p. 2299-2305. (3.097 - IF2014). (2015 - Current Contents). ISSN 1388-2457.
- ADMA05 DOVINOVÁ, Ima - BARANČÍK, Miroslav - MAJZÚNOVÁ, Miroslava - ZÓRAD, Štefan - GAJDOŠECHOVÁ, Lucia - GREŠOVÁ, Linda - ČAČÁNYIOVÁ, Soňa - KRISTEK, František - BALIŠ, Peter - CHAN JULIE, Y.H. Effects of PPAR gamma agonist pioglitazone on redox-sensitive cellular signaling in young spontaneously hypertensive rats. In *PPAR Research*, 2013, vol. 2013, p. 1-11. (2.685 - IF2012). ISSN 1687-4757. SAS-NSC JRP 2010/01, NSC100-2923-B075B-001-MY3 (JYHC), APVV-0348-12, VEGA SR 2/0169/12, VEGA SR 2/0089/11.
- ADMA06 GÁSPÁROVÁ, Zdenka - JANEGA, Pavol - STARÁ, Veronika - UJHÁZY, Eduard. Early and late stage of neurodegeneration induced by trimethyltin in hippocampus and cortex of male Wistar rats. In *Neuroendocrinology Letters*, 2012, vol. 33, no. 7, p. 689-696. (1.296 - IF2011). ISSN 0172-780X. VEGA 2/0048/11, VEGA 2/0081/11.
- ADMA07 GÁSPÁROVÁ, Zdenka - STARÁ, Veronika - JANEGA, Pavol - NAVAROVÁ, Jana - SEDLÁČKOVÁ, Natália - MACH, Mojmír - UJHÁZY, Eduard. Pyridindole antioxidant-induced preservation of rat hippocampal pyramidal cell number linked with reduction of oxidative stress yet without influence on cognitive deterioration in Alzheimer-like neurodegeneration. In *Neuroendocrinology Letters*, 2014, vol. 35, no. 6, p. 454-462. (0.935 - IF2013). ISSN 0172-780X. VEGA 2/0048/11, VEGA 2/0081/11, VEGA 2/0107/12.
- ADMA08 JAGLA, Fedor - PECHÁŇOVÁ, Oľga. Age-related cognitive impairment as a sign of geriatric neurocardiovascular interactions: May polyphenols play a protective role? In *Oxidative Medicine and Cellular Longevity*, 2015, vol. 2015, article ID 721514, 8 p. (3.516 - IF2014). ISSN 1942-0900. VEGA 2/0093/14, 2/0080/13 and MZ SR 2012/52-SAV-2.

- ADMA09 JANEGA, Pavol - KLIMENTOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - VRANKOVÁ, Stanislava - CEBOVÁ, Martina - ČIERNA, Zuzana - MATÚŠKOVÁ, Zuzana - JAKOVLJEVIC, V. - PECHÁŇOVÁ, Oľga. Red wine extract decreases pro inflammatory markers, nuclear factor-kappaB and inducible NOS, in experimental metabolic syndrome. In *Food & Function*, 2014, vol. 5, p. 2202-2206. (2.907 - IF2013). ISSN 2042-6496. APVV-0742-10, VEGA 2/0183/12, VEGA 2/0144/14, COST Action BM1005.
- ADMA10 JANEGOVÁ, Andrea - JANEGA, Pavol - RYCHLY, Boris - KURACINOVÁ, Kristína - BABÁL, Pavel. The role of Epstein-Barr virus infection in the development of autoimmune thyroid diseases. In *Endokrynologia Polska*, 2015, vol. 66, no. 2, p. 132-136. (0.993 - IF2014). ISSN 0423-104X. MZ SR 2006/23-UK-02, APVV-0282-11.
- ADMA11 KNOWLES, Catherine J. - CEBOVÁ, Martina - PINZ, Ilka M. Palmitate diet-induced loss of cardiac caveolin-3: a novel mechanism for lipid-induced contractile dysfunction. In *PLoS ONE*, 2013, vol. 8, no. 4, p. e61369, 1-11. (3.730 - IF2012). (2013 - MEDLINE). ISSN 1932-6203.
- ADMA12 KONDRASHOV, Alexey - VRANKOVÁ, Stanislava - DOVINOVÁ, Ima - ŠEVČÍK, Rudolf - PAROHOVÁ, Jana - BARTA, Andrej - PECHÁŇOVÁ, Oľga - KOVÁČSOVÁ, Mária. The effects of new Alibernet red wine extract on nitric oxide and reactive oxygen species production in spontaneously hypertensive rats. In *Oxidative medicine and cellular longevity*, 2012, vol. 2012, article ID 806285, 8 p. (2.841 - IF2011). ISSN 1942-0900. ITMS 26240120006, CEKOMAT II, APVV-0742-10.
- ADMA13 KOPINCOVÁ, Jana - PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. L-NAME in the cardiovascular system - nitric oxide synthase activator? In *Pharmacological Reports*, 2012, vol. 64, p. 511-520. (2.445 - IF2011). ISSN 1734-1140. Project "Center of Excellence for Perinatology Research" No. 26220120016, APVV-0523-10, VEGA 1/0291/12.
- ADMA14 KRUŽLIAK, Peter - KOVÁČOVÁ, Gabriela - PECHÁŇOVÁ, Oľga - BALOGH, Štefan. Association between angiotensin II type 1 receptor polymorphism and sudden cardiac death in myocardial infarction. In *Disease Markers*, 2013, vol. 35, no. 5, p. 287-293. (2.140 - IF2012). ISSN 0278-0240. Project FNUSA ICRC (no. CZ.1.05/1.1.00/02.0123), VEGA 2/0190/11.
- ADMA15 MINÁR, Michal - HABÁNOVÁ, Hana - RUSNÁK, Igor - PLANCK, Karol - VALKOVIČ, Peter. Prevalence and impact of restless legs syndrome in pregnancy. In *Neuroendocrinology Letters*, 2013, vol. 34, no. 5, p. 366-371. (0.932 - IF2012). ISSN 0172-780X.
- ADMA16 MINÁR, Michal - KOŠUTZKÁ, Zuzana - HABÁNOVÁ, Hana - RUSNÁK, Igor - PLANCK, Karol - VALKOVIČ, Peter. Restless legs syndrome in pregnancy is connected with iron deficiency. In *Sleep Medicine*, 2015, vol. 16, no. 5, p. 589-592. (3.154 - IF2014). ISSN 1389-9457.

- ADMA17 MOKOŠÁKOVÁ, Miroslava - KRŠKOVÁ, Lucia - HLAVAČKA, František - ZEMAN, Michal. Diurnal changes of the postural control in young women without and with hormonal contraceptive treatment. In *Neuroendocrinology Letters*, 2014, vol. 35, no. 3, p. 230-235. (0.935 - IF2013). ISSN 0172-780X. VEGA 2/0138/13, 2/0107/12; APVV-0291/12.
- ADMA18 PÚZSEROVÁ, Angelika - ILOVSKÁ, Veronika - BALIŠ, Peter - SLEZÁK, Peter - BERNÁTOVÁ, Iveta. Age-related alterations in endothelial function of femoral artery in young SHR and WKY rats. In *BioMed Research International*, 2014, vol. 2014, article ID 658479, p. 1-12. (2.706 - IF2013). ISSN 2314-6133. VEGA 2/0084/14, APVV-0523-10. Dostupné na internete: < <http://dx.doi.org/10.1155/2014/658479>>.
- ADMA19 PÚZSEROVÁ, Angelika - SLEZÁK, Peter - BALIŠ, Peter - BERNÁTOVÁ, Iveta. Long-term social stress induces nitric oxide-independent endothelial dysfunction in normotensive rats. In *Stress : the international journal on the biologie of stress*, 2013, vol.16, no. 3, p. 331-339. (3.252 - IF2012). ISSN 1025-3890. VEGA 2/0084/10, APVV-0523-10, CEKOMAT II.
- ADMA20 SLEZÁK, Peter - PÚZSEROVÁ, Angelika - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - MAJZÚNOVÁ, Miroslava - DOVINOVÁ, Ima - KLUKNAVSKÝ, Michal - BERNÁTOVÁ, Iveta. Genotype-related effect of crowding stress on blood pressure and vascular function in young female rats. In *BioMed Research International*, 2014, vol. 2014, article ID 413629, p. 1-11. (2.706 - IF2013). ISSN 2314-6133. VEGA 2/0084/10, APVV-0523-10, ITMS 26240120020, CEKOMAT II. Dostupné na internete: < <http://dx.doi.org/10.1155/2014/413629>>.
- ADMA21 ŠKORVÁNEK, Matej - MINÁR, Michal - GROFIK, Milan - KRAČUNOVÁ, K. - HAN, Vladimír - CIBULČÍK, František - NECPAL, Ján - GURČÍK, Ladislav - VALKOVIČ, Peter. Validation of the official slovak version of the Unified Dyskinesia Rating Scale (UDysRS). In *Parkinsons Disease*, 2015, vol. 2015, article ID 674796, p. 1-7. (2.010 - IF2014). ISSN 2090-8083. VEGA1/0024/14.
- ADMA22 VALKOVIČ, Peter - MINÁR, Michal - ŠINGLIAROVÁ, H. - HARSANY, J. - HANÁKOVÁ, M. - MARTINKOVÁ, Jana - BENETIN, Ján. Pain in Parkinson's disease: A cross-sectional study of its prevalence, types, and relationship to depression and quality of life. In *PLoS ONE*, 2015, vol. 10, no. 8, p. e0136541. (3.234 - IF2014). ISSN 1932-6203.
- ADMA23 ZIVKOVIC, Vladimir - JAKOVLJEVIC, V. - PECHÁŇOVÁ, Oľga - SREJOVIC, Ivan - JOKSIMOVIC, Jovana - SELAKOVIC, Dragica - BARUDZIC, Nevena - DJURIC, Dragan M. Effects of DL-homocysteine thiolactone on cardiac contractility, coronary flow, and oxidative stress markers in the isolated rat heart: the role of different gasotransmitters. In *BioMed Research International*, 2013, vol. 2013, article ID 318471, 9 p. ISSN 2314-6133. Grant 175043 from the Ministry of Science and Technical Development of the Republic of Serbia, COST Action BM1005, Junior Project 04/2011. Dostupné na internete: < <http://dx.doi.org/10.1155/2013/318471>>.

ADMB Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus

- ADMB01 BOBOCKÁ, Katarína - EISNEROVA, D. - KALUŽAY, J. - SLEZÁK, Peter - WACZULÍKOVÁ, Iveta - LEHOTSKÁ, A. - PONTUCH, Peter. Zmeny krvného tlaku u chronicky hemodialyzovaných pacientov. In *Vnitřní lékařství : časopis České internistické společnosti a Slovenskej internistickej spoločnosti*, 2012, roč. 58, č. 3, p. 183-190. ISSN 0042-733X.
- ADMB02 DANYEL, Leon A. - SCHMERLER, Patrick - PAULIS, Ľudovít - UNGER, Thomas - STECKELINGS, U.M. Impact of AT2-receptor stimulation on vascular biology, kidney function, and blood pressure. In *Integrated Blood Pressure Control*, 2013, vol. 6, p. 153-161. ISSN 1178-7104.
- ADMB03 JANUŠICOVÁ, V. - KAPUSTOVÁ, I. - ŽÚBOR, P. - SLEZÁK, Peter - KAJO, K. - LASABOVÁ, Z. - PLANK, L. - DANKO, J. Stanovenie expresie p16INK4A mRNA transkriptu v steroch z krčka maternice s rôznymi stupňami cervikálnej dysplázie = The p16INK4A mRNA transcripts estimation in cervical smear with different degrees of cervical dysplasia. In *Česká gynekologie*, 2012, roč. 77, č.3, s.245-250. ISSN 1210-7832. UK/71/2010, UK/103/2011, ITMS: 2622022013.
- ADMB04 MOKOŠÁKOVÁ, Miroslava - HLAVAČKA, František. Elektromyografická aktivita svalov predkolenia počas chôdze na vysokých podpätkoch [Electromyography Activity of Lower Leg Muscles during Walking on High Heels]. In *Rehabilitace a fyzikální lékařství : volné pokračování Fysiatrického věstníku založeného v roce 1923*, 2012, roč. 19, č.4, s. 181-189. ISSN 1211-2658.
- ADMB05 PLEČEVIĆ, Saša - PECHÁŇOVÁ, Olga - BARTA, Andrej - VRANIC, Alexandra - JEREMIC, Jovana - ARSENIJEVIC, Jiljana - JEREMIC, Nevena - JAKOVLJEVIC, V. - JEVDEJEVIC, Maja - STANOJEVIC, Dejan. Effects of the direct renin inhibitor aliskiren on oxidative stress in isolated rat heart = Efekti direktnog reninskog inhibitora aliskirena na oksidativni stres izolovanog srca pacova. In *Serbian Journal of Experimental and Clinical Research*, 2015, vol. 16, no. 3, p. 193-199. ISSN 1820-8665.
- ADMB06 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Comparison of cardiovascular characteristics in normotensive and hypertensive rat strains. In *Indian Journal of Physiology and Pharmacology*, 2015, vol. 59, no. 4, p. 361-368. ISSN 0019-5499. VEGA 2/0188/14, 2/0202/15.
- ADMB07 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Urotenzín II - novo objavený modulátor kardiovaskulárnych funkcií u stavovcov = Urotensin II - a newly discovered modulator of cardiovascular functions in vertebrates. In *Československá fyziologie : biomedicínsky časopis*, 2013, roč. 62, č. 1, s. 19-25. ISSN 1210-6313. VEGA 2/0188/13.

ADNA Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus

- ADNA01 BOBOCKÁ, Katarína - DÚBRAVA, J. - SLEZÁK, Peter - WACZULÍKOVÁ, Iveta - EISNEROVA, D. - LEHOTSKÁ, A. - PONTUCH, Peter. Blood pressure

impact on left ventricular geometry in chronic haemodialysis patients. In *Bratislavské lekárske listy*, 2013, roč. 114, č. 11, s. 629-633. (0.472 - IF2012). ISSN 0006-9248.

ADNA02 SLEZÁK, Peter - WACZULÍKOVÁ, Iveta. Digital Mammography - a new trend in breast carcinoma diagnostics : letter to the editor. In *Bratislavské lekárske listy : international journal for biomedical sciences and clinical medicine*, 2012, roč. 113, č. 2, s. 123-124. (0.403 - IF2011). ISSN 0006-9248.

ADNA03 TEPLAN, Michal - KRAKOVSKÁ, Anna - ŠPAJDEL, Marián. Spectral EEG features of a short psycho-physiological relaxation. In *Measurement Science Review*, 2014, vol. 14, no. 4, p. 237-242. (1.162 - IF2013). (2014 - WOS, SCOPUS). ISSN 1335-8871.

ADNB Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus

ADNB01 BARTA, Andrej - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - KOVÁČSOVÁ, Mária - MATÚŠKOVÁ, Zuzana - BUČKOVÁ, Kristína - JAGLA, Fedor - PAULIS, Ľudovít - PECHÁŇOVÁ, Oľga. Differences in cerebellar nuclear factor kappaB pathways in hypertensive and obese rats: behavioural aspect. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 1, p. 25-30. ISSN 1337-933X. ITMS26240120006, CEKOMAT.

ADNB02 BERÉNYIOVÁ, Andrea - KRISTEK, František - DOVINOVÁ, Ima - DROBNÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. The effect of oxidative stress on acetylcholine-induced relaxation in deendothelized arteries = Úloha oxidačného stresu v acetylcholínom vyvolanej vazorelaxácii pri deendotelizovaných artériách. In *Cardiology Letters*, 2014, vol. 23, no. 6, p. 397-404. ISSN 1338-3655. VEGA 2/0074/14, 2/0067/14 a MZ 2012/51-SAV-1.

ADNB03 BUČKOVÁ, Kristína - LOBOTKOVÁ, Jana - HIRJAKOVÁ, Zuzana - BZDÚŠKOVÁ, Diana - HLAVAČKA, František. Postural control assessed by limit of stability in obese adults. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2014, vol. 56, no. 3-4, p. 87-90. ISSN 1337-933X. VEGA 2/0138/13, ITMS 26240120020, CEKOMAT II.

ADNB04 BUDÁČ, Stanislav - RIEČANSKÝ, Igor - ŠPAJDEL, Marián. Emotional arousal and temporal resolution of the visual system. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2014, vol. 56, no. 3-4, p. 79-86. ISSN 1337-933X.

ADNB05 DOVINOVÁ, Ima - BARANČÍK, Miroslav - KRÁTKA, Dominika - FOGARASSYOVÁ, Mária - KVANDOVOVÁ, Miroslava - BARTEKOVÁ, Monika. Pathological changes in cardiovascular system in long-term doxorubicin-treated rats and effect of quercetin = Patologické zmeny v kardiovaskulárnom systéme u zvierat po dlhodobom podávaní doxorubicínu a účinok kvercetínu. In *Cardiology Letters*, 2015, vol. 24, no. 4, p. 243-246. ISSN 1338-3655. APVV-0348-12, VEGA 2/0108/15.

- ADNB06 DROBNÁ, Magdaléna - KRISTEK, František - TÖRÖK, Jozef. Functional and structural pattern of conduit arteries in two models of experimental hypertension = Funkčná a štrukturálna charakteristika magistralných tepien v dvoch modeloch experimentálnej hypertenzie. In *Cardiology Letters*, 2015, vol. 24, no. 3, p. 141-149. ISSN 1338-3655. VEGA 02/0067/13, 2/0202/15, MZ SR 2012/51-SAV-1.
- ADNB07 DROBNÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa - BERÉNYIOVÁ, Andrea - KRISTEK, František. The effect of neuronal NO-synthase inhibition on the cardiovascular system of Wistar rats from the prenatal period to adulthood = Vplyv inhibície neuronálnej NO-syntázy na kardiovaskulárny systém Wistar potkanov od prenatálneho obdobia do dospelosti. In *Cardiology Letters*, 2014, vol. 23, no. 2, p. 133-138. ISSN 1338-3655. VEGA 2/0067/13, MZ SR 2012/51-SAV-1.
- ADNB08 HIRJAKOVÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - BZDÚŠKOVÁ, Diana - HLAVAČKA, František. Age-related differences in efficiency of visual and vibrotactile biofeedback for balance improvement. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2015, vol. 57, no. 3, p. 63-71. ISSN 1337-933X. VEGA 2/0138/13 and 1/0373/14.
- ADNB09 JURÁSOVÁ, Kinga - ŠPAJDEL, Marián. Development and assessment of film excerpts used for emotion elicitation. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2013, vol. 55, no. 3, p. 135-140. ISSN 1337-933X. APVV-0254-11.
- ADNB10 KELLEROVÁ, Eva. Variability and reactive changes of the peripheral blood flow, blood pressure and of the electrical behavior of the heart. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2013, vol. 55, no. 3, p. 113-123. ISSN 1337-933X.
- ADNB11 KRISTEK, František - MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. Vplyv dlhodobého podávania prazosínu a losartanu na štruktúru a funkciu kardiovaskulárneho systému spontánne hypertenzných potkanov = Long-term effect of prazosin and losartan administration on structure and function of cardiovascular system spontaneously hypertensive rats. In *Cardiology Letters*, 2013, vol. 22, no. 1, p. 22-31. ISSN 1338-3655. VEGA 2/0019/12, VEGA 2/0111/12.
- ADNB12 KVANDOVÁ, Miroslava - KRÁTKA, Dominika - BALIŠ, Peter - BARANČÍK, Miroslav - DOVINOVÁ, Ima. The effects of PPAR γ agonist - pioglitazone on hypertension and redox regulation in young and adult SHR = Vplyv pioglitazónu - agonistu PPAR γ na zmeny v hypertenzii a redoxnej regulácii u mladých a dospelých SHR zvierat. In *Cardiology Letters*, 2015, vol. 24, no. 4, p. 247-250. ISSN 1338-3655. APVV-0348-12, VEGA 2/0129/14.
- ADNB13 LOBOTKOVÁ, Jana - HALICKÁ, Zuzana - BUČKOVÁ, Kristína - KILLINGER, Z. - PAYER, Juraj - HLAVAČKA, František. Balance control, vitamin D and bone resorption marker in elderly women with osteopenia and osteoporosis. In *Activitas Nervosa Superior Rediviva : the official journal of the*

CIANS Collegium Internationale Activitatis Nervosae Superioris, 2013, vol. 55, no. 3, p. 103-111. ISSN 1337-933X. VEGA 2/0138/13, VEGA 1/0070/11.

ADNB14 MATÚŠKOVÁ, Zuzana - PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - CEBOVÁ, Martina - BARTA, Andrej - REHÁKOVÁ, Radoslava - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Different brain and cardiac NF-kappaB/nitric oxide pathway in hypertensive and obese rats. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2013, vol. 55, no. 3, p. 89-94. ISSN 1337-933X. VEGA 2/0190/11, VEGA 2/0183/12, APVV-0742-10.

ADNB15 REGECOVÁ, Valéria - KELLEROVÁ, Eva. Ambulatory blood pressure monitoring in relation to daily routine activities = Ambulantné monitorovanie krvného tlaku vo vzťahu k bežným denným aktivitám. In *Cardiology Letters*, 2015, vol. 24, no. 4, p. 251-259. ISSN 1338-3655. APVV-0348-12, VEGA 2/0084/14.

ADNB16 REGECOVÁ, Valéria - ŠIMURKA, Pavol. Metodologické a empirické aspekty hodnotenia nadmernej hmotnosti a obezity u detí a adolescentov = Methodological and empiric aspects of the evaluation of overweight and obesity in children and adolescents. In *Lekársky obzor : odborný časopis Ministerstva zdravotníctva SR a Slovenskej postgraduálnej akadémie medicíny*, 2013, roč. 62, č. 7-8, s. 302-307. ISSN 0457-4214. VEGA 2/0084/10, APVV-0523-10.

ADNB17 ROHÁRIKOVÁ, Veronika - ŠPAJDEL, Marián - CVIKOVÁ, V. - JAGLA, Fedor. Tracing the relationship between wisdom and health. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2013, vol. 55, no. 3, p. 95-102. ISSN 1337-933X. VEGA 2/0173/13.

ADNB18 SCHMIDT, F. - KRÁLOVÁ, H. - VALKOVIČ, Peter. Princípy rehabilitácie porúch chôdze pri vybraných neurologických ochoreniach = Principles of gait rehabilitation in selected neurological diseases. In *Rehabilitácia*, 2013, vol. 50, no. 4, s. 198-204. ISSN 0375-0922.

ADNB19 ŠESTÁKOVÁ, Natália - PÚZSEROVÁ, Angelika - KLUKNAVSKÝ, Michal - BERNÁTOVÁ, Iveta. Determination of motor activity and anxiety-related behaviour in rodents: methodological aspects and role of nitric oxide. In *Interdisciplinary toxicology*, 2013, vol. 6, no. 3, p. 126-135. ISSN 1337-6853. VEGA 2/0084/10, APVV-0523-10.

ADNB20 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Cardiovascular effects of high-fructose intake in rats with nitric oxide deficiency. In *Interdisciplinary Toxicology*, 2014, vol. 7, no. 3, p. 159-164. ISSN 1337-6853. VEGA 2/0188/14.

AEC Scientific papers in foreign peer-reviewed proceedings, monographs

AEC01 BUČKOVÁ, Kristína - HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - HLAVAČKA, František. Functional limit of stability in relation to standing on inclined surface. In *Current Research in Motor Control IV : From Theory to Implementation*. - Katowice : Academy of Physical Education in Katowice, 2012, p. 15-19. ISBN 978-83-64036-01-9. VEGA 2/0186/10, VEGA 1/0070/11.

- AEC02 CIMROVÁ, Barbora - JAGLA, Fedor - RIEČANSKÝ, Igor. Emócie a kognícia: ich interakcie a poruchy (vybrané aspekty) [Emotion and cognition: their interactions and disorders (selected aspects)]. In *Kognitívni veda a umělý život*. - Opava : Slezská univerzita v Opavě, 2013, s. 79-86. ISBN 978-80-7248-863-6. VEGA 2/0173/11.
- AEC03 CIMROVÁ, Barbora - FARKAŠ, Igor - ROSIPAL, Roman. Využitie rozhrania mozog-počítač pri neurorehabilitácii: prehľad aktuálneho výskumu [Application of brain-computer interface in neurorehabilitation: current research overview]. In *Kognitívni veda a umělý život II*. Zostavili: Jozef Kelemen, Šárka Vavrečková. - Opava : Slezská univerzita v Opavě, 2014, s. 33-38. ISBN 978-80-7248-951-0. APVV-0668-12, VEGA 1/0503/13.
- AEC04 DOVINOVÁ, Ima - BARANČÍK, Miroslav - MAJZÚNOVÁ, Miroslava - ČAČÁNYIOVÁ, Soňa - KRISTEK, František - ZÓRAD, Štefan. Blood pressure modulation and ROS/NO balance in young rats. In *10th Asian-Pacific Congress of Hypertension - APCH 2014 : 12th-15th February 2014, Cebu City, Philippines*. - Bologna : Medimond, 2014, p. 17-21. ISBN 978-88-7587-705-7. SAS-NSC JRP 2010/01, APVV-0348-12, MZ SR 2012/51-SAV-1.
- AEC05 HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. How visual biofeedback magnification affects upright stance. In *Current Research in Motor Control IV : From Theory to Implementation*. - Katowice : Academy of Physical Education in Katowice, 2012, p. 35-40. ISBN 978-83-64036-01-9. VEGA 2/0186/10, VEGA 1/0070/11.
- AEC06 KOZMANN, G. - TARJÁNYI, Z. - TUBOLY, G. - SZATHMÁRY, Vavrínek - ŠVEHLÍKOVÁ, Jana - TYŠLER, Milan. Model interpretation of non-dipolar integral body surface QRST maps randomly appearing in arrhythmia patients. In *8th IFAC Symposium on Biological and Medical Systems*. Editors B. Benyó, S. Andreassen et al. - International Federation of Automatic Control, 2012, vol. 8, part. 1. ISBN 978-3-902823-10-6.
- AEC07 LOBOTKOVÁ, Jana - HALICKÁ, Zuzana - BUČKOVÁ, Kristína - HLAVAČKA, František. Step initiation: characteristics from accelerometry and camera motion capture system. In *Current Research in Motor Control IV : From Theory to Implementation*. - Katowice : Academy of Physical Education in Katowice, 2012, p. 97-103. ISBN 978-83-64036-01-9. VEGA 2/0186/10.
- AEC08 SEKAJ, Ivan - BALIŠ, Peter - MAJZÚNOVÁ, Miroslava - BEHULIAK, Michal - ZICHA, Josef - KAJAN, Slavomír - ŠTEVO, Stanislav - BERNÁTOVÁ, Iveta. Modeling of the blood pressure regulation system in rats using genetic algorithms. In *Preprints of IFAC 2014 : 19th World Congress of the International Federation of Automatic Control, 24-29 August 2014, Cape Town, South Africa*. - Cape Town, South Africa : IFAC, 2014, p. 11589-11594. ISBN 978-3-902823-62-5. ISSN 1474-6670. APVV-0523-10.
- AEC09 SEKAJ, Ivan - ZICHA, Josef - BEHULIAK, Michal - BALIŠ, Peter - BERNÁTOVÁ, Iveta. Modelling of the blood pressure regulation in rats. In *BMEI*

2012 - 5th International Conference On BioMedical Engineering and Informatics.
16-18 Oct 2012, Chongqing, China. - 2012, p. 1-5. ISBN 978-1-4673-1182-3.
APVV-0523-10.

- AEC10 TUBOLY, G. - KOZMANN, G. - TARJÁNYI, Z. - SZATHMÁRY, Vavrínek -
ŠVEHLÍKOVÁ, Jana - TYŠLER, Milan. Differences in QRST integral map
variability in healthy subjects and arrhythmia patients. In *Variability in Biomedical
Signals : Lecture Notes of the ICB Seminar*. Editors R. Maniewski, A. Liebert, O.
Meste, H. Rix. - Warsaw, Poland : International Centre of Biocybernetics, Polish
Academy of Sciences, 2012, p. 52+S10-S11.

AED Scientific papers in domestic peer-reviewed proceedings, monographs

- AED01 BALIŠ, Peter - PÚZSEROVÁ, Angelika - KLUKNAVSKÝ, Michal -
BERNÁTOVÁ, Iveta. Long-term effects of chronic crowding on cardiovascular
function of young borderline hypertensive rats. In *Proceedings of the Joint Meeting
of the 8th International Symposium Nitric Oxide: From Basic Regulations to
Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in
Hypertension : Vrsar, Croatia, September 15-19, 2014*. - Bratislava : Institute of
Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 87-91.
ISBN 978-80-971699-0-9. APVV-0523-10, VEGA 2/0084/14, ITMS 26240120020,
CEKOMAT II.
- AED02 BARANČÍK, Miroslav - DOVINOVÁ, Ima - IVANOVÁ, Monika -
ŠIMONČÍKOVÁ, Petra - FOGARASSYOVÁ, Mária. Matrix metalloproteinases are
involved in chronic effects of doxorubicin associated with blood pressure increase in
rats. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric
Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic
and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19,
2014*. - Bratislava : Institute of Normal and Pathological Physiology, Slovak
Academy of Sciences, 2014, p. 31-35. ISBN 978-80-971699-0-9. VEGA 2/0169/12,
APVV-0348-12.
- AED03 BARTA, Andrej - CEBOVÁ, Martina - KLIMENTOVÁ, Jana - VRANKOVÁ,
Stanislava - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - KOVÁČSOVÁ,
Mária - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - KOPČANSKÝ, Peter -
PECHÁŇOVÁ, Oľga. Structural changes in myocardium and aorta after
aliskiren-induced inhibition of renin-angiotensin-aldosterone system. In *Proceedings
of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic
Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental
Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014*. - Bratislava :
Institute of Normal and Pathological Physiology, Slovak Academy of Sciences,
2014, p. 70-75. ISBN 978-80-971699-0-9. VEGA 2/0183/12, 2/0144/14;
APVV-0742-10, ITMS 26240120020, CEKOMAT II.
- AED04 BERÉNYIOVÁ, Andrea - DROBNÁ, Magdaléna - KRISTEK, František -
ONDRIÁŠ, Karol. Vazoregulačná úloha NO a H₂S signalizácie u mladých
normotenzných a spontánne hypertenzných potkanov [The vasoactive regulator role
of NO and H₂S signalisation in young normotensive and spontaneously
hypertensive rats]. Školiteľ: RNDr. Soňa Čačányiová, PhD. In *Zborník vedeckých
prác študentov a doktorandov Lekárskej fakulty Univerzity Komenského v*

Bratislava. Zuzana Čierna. - Bratislava : Univerzita Komenského v Bratislave, 2014, s. 192-196. ISBN 978-80-223-3648-2. MZ-2012/51-SAV-1.

- AED05 BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - BALIŠ, Peter - SLEZÁK, Peter - KLUKNAVSKÝ, Michal. Genotype- and sex-dependent effects of chronic crowding in vascular function of young rats. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 82-86. ISBN 978-80-971699-0-9. APVV-0523-10, VEGA 2/0084/14, ITMS 26240120020, CEKOMAT II.
- AED06 BERNÁTOVÁ, Iveta. Mechanisms of endothelial dysfunction in experimental models of arterial hypertension. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 114-119. ISBN 978-80-971699-0-9. APVV-0523-10, APVV-0348-12, VEGA 2/0084/14, ITMS 26240120020, CEKOMAT II.
- AED07 BZDÚŠKOVÁ, Diana - BUČKOVÁ, Kristína - HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - HLAVAČKA, František. Použitie akcelerometrov pre hodnotenie funkcie rovnováhy postoja [Assessment of human balance function by accelerometer sensors]. In *Od výskumu k praxi. 17. ročník Medzinárodnej vedeckej konferencie o športe.* - Bratislava : STU, 2012, s. 60-64. ISBN 978-80-227-3828-6. VEGA 2/0186/10, VEGA 1/0070/11.
- AED08 DOVINOVÁ, Ima - KVANDOVÁ, Miroslava - KRÁTKA, Dominika - BALIŠ, Peter - PÚZSEROVÁ, Angelika - KLUKNAVSKÝ, Michal - BERNÁTOVÁ, Iveta. Alterations in brain stem redox-sensitive gene expression in stress exposed young rats. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 92-95. ISBN 978-80-971699-0-9. APVV-0523-10, APVV-0348-12, VEGA 2/0129/14, ITMS 26240120020, CEKOMAT II.
- AED09 FÁBEROVÁ, Miroslava - HLAVAČKA, František. SEMG analýza vybraných svalov predkolenia počas chôdze na vysokých podpätkoch [SEMG analysis of chosen lower leg muscles during walking on high-heels]. In *Študentská vedecká konferencia PriF UK 2012 : zborník recenzovaných príspevkov*. Editori Michal Galamboš, Vladimíra Džugasová. - Bratislava : Univerzita Komenského, 2012, s. 183-188. ISBN 978-80-223-3213-2.
- AED10 LEDVÉNYIOVÁ, Veronika - RAVINGEROVÁ, Táňa - GABLOVSKÝ, Ivan - ČARNICKÁ, Slávka - BARTEKOVÁ, Monika - BERNÁTOVÁ, Iveta. Crowding stress modulates cardiac tolerance to ischemia and reperfusion in young male and

female rats with different predisposition to hypertension. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 107-113. ISBN 978-80-971699-0-9. APVV-0523-10, APVV-0102-11.

- AED11 FIALOVÁ, Stanislava - ŠVEHLÍKOVÁ, Jana - COCHEROVÁ, Elena - SZATHMÁRY, Vavrínek - TYŠLER, Milan. Simplified flexible model of human heart atria. In *MEASUREMENT 2013 : 9th International Conference on Measurement*. Editors J. Maňka, M. Tyšler, V. Witkovský, I. Frolo. - Bratislava : Institute of Measurement Science, SAS, 2013, p. 97-100. ISBN 978-80-969-672-5-4.
- AED12 HORVÁTHOVÁ, M. - KRALOVIČOVÁ, Zuzana - MUCHOVÁ, Jana - ĎURAČKOVÁ, Zdenka - ŽITŇANOVÁ, Ingrid - BERNÁTOVÁ, Iveta. Markers of oxidative stress and antioxidant status in young rats with various family history of hypertension. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 120-125. ISBN 978-80-971699-0-9. APVV-0523-10, ITMS 26240120020, CEKOMAT II.
- AED13 ILOVSKÁ, Veronika - PÚZSEROVÁ, Angelika - WACZULÍKOVÁ, Iveta. Endotelová dysfunkcia v experimentálnej hypertenzii [Endothelial dysfunction in experimental hypertension]. In *Študentská vedecká konferencia FMFI UK, Bratislava, 2012 : zborník príspevkov.* - Bratislava : Fakulta matematiky, fyziky a informatiky, Univerzita Komenského, Bratislava, 2012, s. 44-54. ISBN 978-80-8147-001-0. APVV-0523-10, ITMS 26240120006, CEKOMAT II, KEGA 003UK-4/2012.
- AED14 JAGLA, Fedor - PECHÁŇOVÁ, Oľga. Cognitive decline as an indicator of neuro-cardiovascular interactions: may polyphenols play a role? In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 143-149. ISBN 978-80-971699-0-9. VEGA 2/0093/14, 2/0080/13.
- AED15 JAGLA, Fedor - PECHÁŇOVÁ, Oľga. Work adapted for all. Move Europe (2011-2013) The last initiative of the european network for workplace health promotion. In *Životné podmienky a zdravie : zborník vedeckých prác*. Editor Jana Jurkovičová, Zuzana Štefániková. - Bratislava : Úrad verejného zdravotníctva SR, 2014, s. 365-368. ISBN 978-80-7159-216-7.
- AED16 KELLEROVÁ, Eva - SZATHMÁRY, Vavrínek - KOZMANN, G. Dynamic beat-to-beat changes of the cardiac electric field in response to situations with increased sympathetic activity. In *ELECTROCARDIOLOGY 2014 : Proceedings of the 41st International Congress on Electrophysiology*. Editors M. Tysler, J. Svehlikova, L. Bacharova, K. Kozlikova. - Bratislava : Institute of Measurement

Science, SAS, 2014, p. 141-144. ISBN 978-80-969-672-7-8. APVV-0513-10, TÁMOP-4.2.2.A-11/1/KONV-2012-0073.

- AED17 KLIMENTOVÁ, Jana - CEBOVÁ, Martina - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - KOVÁČSOVÁ, Mária - ČAMBÁL, M. - LABAŠ, P. - PECHÁŇOVÁ, Oľga. Effect of deuterium depleted water on nitric oxide synthase activity in heart and aorta of spontaneously hypertensive rats. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 155-160. ISBN 978-80-971699-0-9. APVV-0742-10, VEGA 2/0183/12, 2/0144/14, ITMS 26240120020, CEKOMAT II.
- AED18 KLUKNAVSKÝ, Michal - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. Delayed effect of crowding stress on anxiety and motor activity in young normotensive and prehypertensive rats. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 96-101. ISBN 978-80-971699-0-9. APVV-0523-10, ITMS 26240120020, CEKOMAT II.
- AED19 KOZMANN, G. - TUBOLY, G. - SZATHMÁRY, Vavrínek - ŠVEHLÍKOVÁ, Jana - TYŠLER, Milan. The impact of action potential and conduction velocity distribution changes on markers of repolarization dispersion. In *ELECTROCARDIOLOGY 2014 : Proceedings of the 41th International Congress on Electrocardiology*. Editors M. Tysler, J. Svehlikova, L. Bacharova, K. Kozlikova. - Bratislava : Institute of Measurement Science, SAS, 2014, p. 131-134. ISBN 978-80-969-672-7-8.
- AED20 KRALOVIČOVÁ, Zuzana - LAUBERTO VÁ, Lucia - ONDREJOVIČOVÁ, Iveta - MUCHOVÁ, Jana - ĎURAČKOVÁ, Zdenka - BERNÁTOVÁ, Iveta - ŽITŇANOVÁ, Ingrid. Sociálny stress a jeho vplyv na markery oxidačného stresu u jedincov s rôznou predispozíciou ku hypertenzii. In *Odkaz Ladzianskeho pre budúce generácie III.* - Bratislava : Únia, 2012, s. 177-182. ISBN 978-80-970589-6-8. VEGA 2/0084/10, APVV-0523-10.
- AED21 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina - BARTA, Andrej - MURÍNOVÁ, Jana - RIEČANSKÝ, Igor - PECHÁŇOVÁ, Oľga. The effect of social isolation rearing on the activity of nitric oxide synthase in the rat cerebellum. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 102-106. ISBN 978-80-971699-0-9. APVV-0742-10, VEGA 2/0183/12, 2/0144/14, 2/0093/14, 2/0080/13; ITMS 26240120020, CEKOMAT II.

- AED22 MOKOŠÁKOVÁ, Miroslava - HIRJAKOVÁ, Zuzana - KRŠKOVÁ, Lucia - HLAVAČKA, František - ZEMAN, Michal. Vplyv kognitívnej úlohy na udržiavanie rovnováhy mladých žien [Effect of cognitive task on postural control of young women]. In *Študentská vedecká konferencia PriF UK 2014 : zborník recenzovaných príspevkov*. Editori Michal Galamboš, Vladimíra Džugasová, Andrea Ševčovičová. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2014, s. 504-508. ISBN 978-80-223-3592-8. UK/7/2013, VEGA 2/0138/13, VEGA 2/0107/12.
- AED23 MOKOŠÁKOVÁ, Miroslava - HIRJAKOVÁ, Zuzana - KRŠKOVÁ, Lucia - HLAVAČKA, František - ZEMAN, Michal. Vplyv menštruačného cyklu na posturálnu stabilitu mladých žien [Postural stability of young women during menstrual cycle]. In *Študentská vedecká konferencia PriF UK 2014 : zborník recenzovaných príspevkov*. Editori Michal Galamboš, Vladimíra Džugasová, Andrea Ševčovičová. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2014, s. 498-503. ISBN 978-80-223-3592-8. VEGA 1/0686/12, VEGA 2/0138/13.
- AED24 MORAVČÍK, Roman - STEBELOVÁ, Katarína - BOHÁČ, A. - KUBEŠ, M. - KLIMENTOVÁ, Jana - PECHÁŇOVÁ, Oľga - ZEMAN, Michal. Porovnanie účinku novo syntetizovaného a komerčne dostupného antiangiogenika na inhibíciu postreceptorických signálnych dráh aktivovaných VEGF. In *Študentská vedecká konferencia PriF UK 2014 : zborník recenzovaných príspevkov*. Editori Michal Galamboš, Vladimíra Džugasová, Andrea Ševčovičová. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2014, s. 509-514. ISBN 978-80-223-3592-8. ITMS 26240220086, CE NOREG.
- AED25 PECHÁŇOVÁ, Oľga - CEBOVÁ, Martina - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - KOVÁCSOVÁ, Mária - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - KOPČANSKÝ, Peter. Nitric oxide and inhibition of renin-angiotensin-aldosterone system: focussed on aliskiren. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014*. - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 64-69. ISBN 978-80-971699-0-9. VEGA 2/0183/12, 2/0144/14; APVV-0742-10.
- AED26 PÚZSEROVÁ, Angelika - BALIŠ, Peter - BERÉNYIOVÁ, Andrea - DROBNÁ, Magdaléna - KLUKNAVSKÝ, Michal - BERNÁTOVÁ, Iveta. Chronic and acute effects of (-)-epicatechin on young SHR arteries. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014*. - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 150-154. ISBN 978-80-971699-0-9. VEGA 2/0084/14, ITMS 26240120020, CEKOMAT II.

- AED27 RAJKOVIČOVÁ, R. - ARENDÁŠOVÁ, K. - HRENÁK, J. - REPOVÁ, K. - BARTA, Andrej - KRAJČIROVIČOVÁ, K. - ŠIMKO, Fedor - PAULIS, Ľudovít. The effect of melatonin and compound 21 on the myocardium and aorta in an animal model of anthracycline-induced toxicity. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 36-41. ISBN 978-80-971699-0-9. APVV 0205-11, VEGA 1/0380/14, UK558/2014.
- AED28 REGECOVÁ, Valéria - ŠIMURKA, Pavol - BARÁKOVÁ, A. - BEREŠOVÁ, J. Analýza kritérií indexu telesnej hmotnosti pre stanovenie obezity, nadmernej a neprimerane nízkej hmotnosti u detí a dospievajúcich. In *Životné podmienky a zdravie : zborník vedeckých prác*. Editor Jana Jurkovičová, Zuzana Štefániková. - Bratislava : Úrad verejného zdravotníctva SR, 2013, s. 195-207. ISBN 978-80-7159-215-0.
- AED29 REGECOVÁ, Valéria - ŠIMURKA, Pavol. Clustering of cardio-metabolic risk factors in Slovak adolescents. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 168-173. ISBN 978-80-971699-0-9. APVV-0523-10, VEGA 2/0084/14.
- AED30 REGECOVÁ, Valéria - KELLEROVÁ, Eva. Quantitative VCG and BSPM repolarization parameters evidence increased sympathetic activation of the ventricular myocardium in different adrenergic situations. In *ELECTROCARDIOLOGY 2014 : Proceedings of the 41st International Congress on Electrocardiology*. Editors M. Tysler, J. Svehlikova, L. Bacharova, K. Kozlikova. - Bratislava : Institute of Measurement Science, SAS, 2014, p. 233-236. ISBN 978-80-969-672-7-8. APVV-0523-10, VEGA 2/0084/14.
- AED31 REGECOVÁ, Valéria - ŠEVČÍKOVÁ, Ľ - HAMADE, J. - JANECHOVÁ, H. - ŠIMURKA, P. Tvorba referenčných hodnôt indexu telesnej hmotnosti u detí a adolescentov na Slovensku. In *Životné podmienky a zdravie : zborník vedeckých prác*. Editor Jana Jurkovičová, Zuzana Štefániková. - Bratislava : Úrad verejného zdravotníctva SR, 2014, s. 189-197. ISBN 978-80-7159-216-7.
- AED32 REGECOVÁ, Valéria - ŠIMURKA, P. - BEREŠOVÁ, J. Zmeny vo výskyte zvýšeného krvného tlaku v hmotnosti u detí mladšieho školského veku počas dekády 2001-2010. In *Životné podmienky a zdravie : zborník vedeckých prác*. Editor Jana Jurkovičová, Zuzana Štefániková. - Bratislava : Úrad verejného zdravotníctva SR, 2012, s. 211-217. ISBN 978-80-7159-211-2.
- AED33 REHÁKOVÁ, Radoslava - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - BARTA, Andrej - CEBOVÁ, Martina - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Nitric oxide production and oxidative status in kidney of fructose treated normotensive and hypertensive rats. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations*

to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014. - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 161-167. ISBN 978-80-971699-0-9. APVV-0742-10, VEGA 2/0183/12, 2/0144/14.

- AED34 SEKAJ, Ivan - GOGA, R. - BALIŠ, Peter - BEHULIAK, M. - ZICHA, Josef - BERNÁTOVÁ, Iveta. Role of nitric oxide and reactive oxygen species in acute stress-induced blood pressure responses. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 126-131. ISBN 978-80-971699-0-9. APVV-0523-10.
- AED35 SOTNÍKOVÁ, Ružena - KAPRINAY, Barbara - OKRUHLICOVÁ, Ľudmila - BERNÁTOVÁ, Iveta. Sex differences in aortic function of young stress-exposed spontaneously hypertensive rats. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 138-142. ISBN 978-80-971699-0-9. APVV-0523-10, VEGA 2/0084/14, ITMS 26240120020, CEKOMAT II.
- AED36 ŠEVČÍKOVÁ, Ľ - REGEČOVÁ, Valéria - HAMADE, J. - JANECHOVÁ, H. - BABJAKOVÁ, J. - JURKOVIČOVÁ, J. - ŠTEFÁNIKOVÁ, Zuzana - ARGALÁŠOVÁ, Ľ. Trendy v somatometrických parametroch u detí a mládeže v SR. In *Životné podmienky a zdravie : zborník vedeckých prác*. Editor Jana Jurkovičová, Zuzana Štefániková. - Bratislava : Úrad verejného zdravotníctva SR, 2014, s. 178-188. ISBN 978-80-7159-216-7.
- AED37 TRIBULOVÁ, Narcis - NAGIBIN, V. - EGAN BEŇOVÁ, Tamara - VICZENCZOVÁ, Csilla - RADOŠINSKÁ, Jana - KNEZL, Vladimír - DOVINOVÁ, Ima - BARANČÍK, Miroslav. Alterations in Cardiac Cell-to-Cell Coupling Can Facilitate AF in Old Guinea Pig. In *ELECTROCARDIOLOGY 2014 : Proceedings of the 41th International Congress on Electrophysiology*. Editors M. Tysler, J. Svehlikova, L. Bacharova, K. Kozlikova. - Bratislava : Institute of Measurement Science, SAS, 2014, p. 167-170. ISBN 978-80-969-672-7-8. VEGA 2/0046/12; 1/0032/14; APVV-0348-12.
- AED38 TUBOLY, G. - KOZMANN, G. - SZATHMÁRY, Vavrinec - ŠVEHLÍKOVÁ, Jana - TYŠLER, Milan. Model interpretation of pathological body surface QRST integral maps related to action potential heterogeneity. In *MEASUREMENT 2013 : 9th International Conference on Measurement*. Editors J. Maňka, M. Tyšler, V. Witkovský, I. Frolo. - Bratislava : Institute of Measurement Science, SAS, 2013, p. 81-84. ISBN 978-80-969-672-5-4.

AEDA Scientific papers in domestic peer-reviewed proceedings and shorter chapters in domestic scientific monographs or academic/university textbooks

- AEDA01 KAPRINAY, Barbara - OKRUHLICOVÁ, Ľudmila - FRIMMEL, Karel - BERNÁTOVÁ, Iveta - SOTNÍKOVÁ, Ružena. Vplyv sociálneho stresu na reaktivitu aorty potkana [The influence of social stress on reactivity of the rat aorta]. In *Pokroky vo farmakológii v Slovenskej republike X.* - Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, 2015, s. 47-53. ISBN 978-80-223-3924-7. APVV-0523-10.
- AEDA02 KLUKNAVSKÝ, Michal - BALIŠ, Peter - SLEZÁK, Peter - DOVINOVÁ, Ima - PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. Oxidačný stav vo vybraných tkanivách mladých prehypertených a hypertenzných potkanov [Oxidative status in the tissues of the young prehypertensive and hypertensive rats]. In *Študentská vedecká konferencia PriF UK : Zborník recenzovaných príspevkov.* - Bratislava : Univerzita Komenského v Bratislave, Prírodovedecká fakulta, 2014, s. 339 - 344. ISBN 978-80-223-3592-8. APVV-0523-10, VEGA 2/0084/10.
- AEDA03 KVANDOVÁ, Miroslava - BARANČÍK, Miroslav - MAJZÚNOVÁ, Miroslava - GAJDOŠECHOVÁ, Lucia - ZÓRAD, Štefan - DOVINOVÁ, Ima. Pioglitazone treatment differently influences hypertension and redox response in young and adult SHR. In *Proceedings of the Joint Meeting of the 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and the 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* - Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014, p. 132-137. ISBN 978-80-971699-0-9. APVV-0348-12, VEGA 2/0129/14, ITMS 26240120020, CEKOMAT II.
- AEDA04 LUKÁČ, Štefan. Analýza epikatechínom indukovaných zmien v modeli experimentálnej hypertenzie [Analysis of epicatechin-induced changes in the model of experimental hypertension]. Školitelia: Angelika Púzserová, Jana Muchová. In *Zborník vedeckých prác študentov a doktorandov Lekárskej fakulty Univerzity Komenského v Bratislave.* - Bratislava : Univerzita Komenského v Bratislave, 2015, s. 66-69. ISBN 978-80-223-3848-6. VEGA 2/0084/14.
- AEDA05 REGECOVÁ, Valéria - ŠEVČÍKOVÁ, Ľ - HAMADE, J. - JANECHOVÁ, H. Familiárny výskyt obezity a nadmernej hmotnosti na Slovensku. In *Životné podmienky a zdravie : zborník vedeckých prác.* - Bratislava : Úrad verejného zdravotníctva SR, 2015, s. 181-189. ISBN 978-80-7159-221-1. APVV-0348-12, VEGA 2/0084/14.

AEGA Abstracts of scientific papers published in foreign impacted journals registered in Current Contents Connect

- AEGA01 BACHAROVÁ, Ljuba - SZATHMÁRY, Vavrínek - MATEAŠIK, Anton. ECG imaging of altered electrical properties of myocardium in myocardial infarction. In *Journal of Electrocardiology*, 2014, vol. 47, p. 910. (1.363 - IF2013). (2014 - Current Contents). ISSN 0022-0736. VEGA 2/0131/13, APVV-0134-11.
- AEGA02 BACHAROVÁ, Ljuba - MATEAŠIK, Anton - SZATHMÁRY, Vavrínek. The effect of peri-infarction block on the QRS complex and ST-segment patterns: A model study. In *Journal of Electrocardiology*, 2013, vol. 46, no. 6, p. 616-617. (1.093 - IF2012). (2013 - Current Contents). ISSN 0022-0736.

- AEGA03 BALIŠ, Peter - PÚZSEROVÁ, Angelika - SLEZÁK, Peter - PECHÁŇOVÁ, Oľga - BERNÁTOVÁ, Iveta. Effect of Slovak red wine concentrate on endothelial function in young Wistar-Kyoto and spontaneously hypertensive rats. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 57. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P57. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA-2/0084/10.
- AEGA04 BALIŠ, Peter - GALLEANO, Monica - PÚZSEROVÁ, Angelika - FRAGA, César G - KLUKNAVSKÝ, Michal - PECHÁŇOVÁ, Oľga - BERNÁTOVÁ, Iveta. Protective effect of (-)-epicatechin on blood pressure, vascular function and nitric oxide bioavailability in spontaneously hypertensive rats. In *Journal of Hypertension*, 2014, vol. 32, e-Supplement 1, p. e197. (4.222 - IF2013). (2014 - Current Contents). ISSN 0263-6352. APVV-0523-10, VEGA 2/0084/14, CONICET.
- AEGA05 BARANČÍK, Miroslav - DOVINOVÁ, Ima - ŠIMONČÍKOVÁ, Petra - FOGARASSYOVÁ, Mária - BARTEKOVÁ, Monika. Matrix metalloproteinases are involved in chronic effects of doxorubicin associated with blood pressure increase in rats and quercetin possesses beneficial effects against doxorubicin-induced changes. In *Cardiology*, 2015, vol. 132, suppl. 1, p. 136. (2.177 - IF2014). (2015 - Current Contents). ISSN 0008-6312. *ICCAD 2015, 29.11.-2.12. 2015, Florence, Italy*. (2.177 - IF2014).
- AEGA06 BERÉNYIOVÁ, Andrea - MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa - KRISTEK, František. Chronic inhibition of neuronal and endothelial NO synthase with 7-nitroindazole and NG-nitro-L-arginine methylester evoked different cardiovascular effect in young Wistar rats. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e265. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA07 BERNÁTOVÁ, Iveta - BALIŠ, Peter - PÚZSEROVÁ, Angelika - ŠESTÁKOVÁ, Natália. Effect of chronic social stress on blood pressure and nitric oxide production in young hypertension-prone female rats. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, p. e309. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. APVV-0523-10, VEGA 2/0084/10. Dostupné na internete: <www.jhypertension.com>.
- AEGA08 BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - DOVINOVÁ, Ima - BALIŠ, Peter - SLEZÁK, Peter - ŠESTÁKOVÁ, Natália - MAJZÚNOVÁ, Miroslava - ILOVSKÁ, Veronika - KLUKNAVSKÝ, Michal. Effect of chronic social stress on vascular function of young normotensive and hypertension-prone female rats. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, p. e309. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. APVV-0523-10, VEGA 2/0084/10. Dostupné na internete: <www.jhypertension.com>.

- AEGA09 BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - DOVINOVÁ, Ima - BALIŠ, Peter - SLEZÁK, Peter - ŠESTÁKOVÁ, Natália - MAJZÚNOVÁ, Miroslava - ILOVSKÁ, Veronika - KLUKNAVSKÝ, Michal. Vascular function and nitric oxide bioavailability in young normotensive and borderline hypertensive female rats exposed to chronic crowding. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. O122. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. APVV-0523-10, VEGA 2/0084/10.
- AEGA10 BUČKOVÁ, Kristína - HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - HLAVAČKA, František. How standing on inclined surface affects functional limit of stability? In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 180. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P180. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA 2/0186/10.
- AEGA11 BUČKOVÁ, Kristína - BARTA, Andrej - VRANKOVÁ, Stanislava - PARHOVÁ, Jana - KOVÁCSOVÁ, Mária - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Possible role of nuclear factor-kappa B in the locomotor activity of hypertensive and obese rats. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e348-e349. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA12 CEBOVÁ, Martina - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - PECHÁŇOVÁ, Oľga. The effect of aliskiren, captopril and spironolacton on blood pressure and nitric oxide production in left ventricle of SHR. In *Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 : abstracts*. - 2015, p. 66. (4.382 - IF2014). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2015, vol. 215, suppl. S705, p. 67. (4.382 - IF2014). (2015 - Current Contents). ISSN 1748-1708. VEGA 2/0195/15, 2/0144/14, APVV-14-0932.
- AEGA13 CEBOVÁ, Martina - KRISTEK, František. Ultrastructural changes of coronary artery in spontaneously hypertensive rats during ontogenic development. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e261. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA14 ČAČÁNYIOVÁ, Soňa - KRISTEK, František - MIŠÁK, Anton - ONDRIAS, Karol. Product(s) of NO - H₂S interaction induced prolonged relaxation of rat aortic rings. In *Free Radical Biology and Medicine*, 2012, vol. 53, suppl. S1, p. S186.

(5.423 - IF2011). (2012 - Current Contents). ISSN 0891-5849. VEGA 2/0111/12, SAS-NSC JRP 2010/01.

- AEGA15 MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa - KRISTEK, František. Different effect of neuronal NO-synthase inhibition on cardiovascular system SHR and Wistar rats. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e264. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA16 MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa - KRISTEK, František. Long-term inhibition of neuronal NO-synthase evoked different effect in SHR and Wistar rats. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement A, p. e199. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. VEGA 2/0019/10, VEGA 2/0111/10.
- AEGA17 LEDVÉNYIOVÁ, Veronika - BERNÁTOVÁ, Iveta - SLEZÁK, Peter - GABLOVSKÝ, Ivan - ČARNICKÁ, Slávka - BARTEKOVÁ, Monika - RAVINGEROVÁ, Táňa. Distinct effect of crowding stress on cardiac ischemic tolerance in borderline and spontaneously hypertensive male and female rats. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2014, vol. 211, suppl. s697, p. 99-100. (4.251 - IF2013). (2014 - Current Contents). ISSN 1748-1708. *Joint Meeting of the Federation of European Physiological Societies (FEPS), August 27-30, 2014, Budapest, Hungary*. (4.251 - IF2013). APVV-0523-10; APVV-0102-11.
- AEGA18 LEDVÉNYIOVÁ-FARKAŠOVÁ, Veronika - BERNÁTOVÁ, Iveta - SLEZÁK, Peter - PÚZSEROVÁ, Angelika - GABLOVSKÝ, Ivan - RAVINGEROVÁ, Táňa. Impact of social stress on tolerance to ischemia in young hypertensive and normotensive rats: sex- specific mechanisms. In *European Journal of Heart Failure Supplements*, 2015, vol. 17, suppl. 1, p. 437. ISSN 1567-4215. *Heart Failure 2015, 23-26 May, Seville, Spain : 2nd World Congress on Acute Heart Failure*. VEGA 2/0133/15, VEGA SR 2/0201/15, APVV-0523-10, APVV-0102-11.
- AEGA19 LEDVÉNYIOVÁ, Veronika - BERNÁTOVÁ, Iveta - GABLOVSKÝ, Ivan - ČARNICKÁ, Slávka - RAVINGEROVÁ, Táňa. Sex-specific response to ischemia and reperfusion in hearts with different predisposition to hypertension exposed to social stress. In *Cardiovascular Research*, 2014, vol. 103, suppl. 1, p. P671. (5.808 - IF2013). (2014 - Current Contents). ISSN 0008-6363. *Frontiers in CardioVascular Biology 2014, Barcelona 4th-6th July*. (5.808 - IF2013).
- AEGA20 FEKETOVÁ, Lucia - JANČOVÁ, Petra - MORAVCOVÁ, Petra - JANEGO VÁ, Andrea - BAUEROVÁ, Katarína - PONIŠT, Silvester - MIHALOVÁ, Danica - JANEGA, Pavol - BABÁL, Pavel. Histological changes and granulocytes redistribution in adjuvant arthritis. In *Virchows Archiv*, 2012, vol. 461, suppl. 1, p. S128. (2.491 - IF2011). (2012 - Current Contents). ISSN 0945-6317. VEGA 2/0093/08, APVV 51-017905.
- AEGA21 FRIMMEL, Karel - BERNÁTOVÁ, Iveta - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - OKRUHLICOVÁ, Ľudmila. Lipopolysaccharide- and

omega-3 fatty acids-induced changes in connexin-40 expression in endothelium of normotensive rat aorta : *Frontiers in cardiovascular biology*. Abstracts of the Third Congress of the ESC Council on Basic Cardiovascular Science. July 4-6, 2014. Barcelona, Spain. In *Cardiovascular Research*, 2014, vol. 103, suppl. 1., s. 33, P188. (5.808 - IF2013). (2014 - Current Contents). ISSN 0008-6363. *Frontiers in CardioVascular Biology 2014, Barcelona 4th-6th July*. (5.808 - IF2013).

AEGA22 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. Omega-3 fatty acids affect the expression of Cx40 in rats aorta during inflammation. In *Atherosclerosis*, 2014, vol. 235, no. 2, p. e272. (3.971 - IF2013). (2014 - Current Contents). ISSN 0021-9150. *82nd EAS Congress, 31 May - 3 June 2014, Madrid, Spain*. (3.971 - IF2013).

AEGA23 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - WEISMANN, Peter - OKRUHLICOVÁ, Ľudmila. Omega-3 fatty acids diet affect CX40 expression in rat aorta during inflammation. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, p. Poster 59. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P59. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA-2/0108/10.

AEGA24 HALLER, B - RIEČANSKÝ, Igor - LAMM, Claus. The effect of low-frequency repetitive transcranial magnetic stimulation on visual pattern perception. In *International Journal of Psychophysiology*, 2012, vol. 85, no. 3, p. 401. (2.144 - IF2011). (2012 - Current Contents). ISSN 0167-8760.

AEGA25 HANÁKOVÁ, M. - HARSANY, J. - VALKOVIČ, Peter. Non-motor symptoms in Parkinson's disease: a correlation with depression and quality of life. In *European Journal of Neurology*, 2012, vol.19, suppl. 1, p. 325. (3.692 - IF2011). (2012 - Current Contents). ISSN 1351-5101.

AEGA26 HARSANY, J. - HANÁKOVÁ, M. - VALKOVIČ, Peter. Pain and its clinical types in Parkinson's disease. In *European Journal of Neurology*, 2012, vol.19, suppl. 1, p. 324. (3.692 - IF2011). (2012 - Current Contents). ISSN 1351-5101.

AEGA27 HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. Visual biofeedback magnification in relation to postural sway. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 181. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P181. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA 2/0186/10.

AEGA28 JAGLA, Fedor - PECHÁŇOVÁ, Oľga. Consumption of polyphenols can influence neurobiological mechanisms of cognitive functions: Possible role of nitric

oxide (NO). In *Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 : abstracts.* - 2015, p. 50. (4.382 - IF2014). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2015, vol. 215, suppl. S705, p. 51. (4.382 - IF2014). (2015 - Current Contents). ISSN 1748-1708. VEGA 2/0093/17 and 2012/52-SAV-2.

- AEGA29 JAGLA, Fedor - PECHÁŇOVÁ, Oľga. Single dose of polyphenols does not affect the blood pressure but activates the higher brain regulatory mechanisms. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, p. e278. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA30 KALOČAYOVÁ, Barbora - MÉZEŠOVÁ, Lucia - JENDRUCHOVÁ, Veronika - PÚZSEROVÁ, Angelika - BALIŠ, Peter - BERNÁTOVÁ, Iveta - VRBJAR, Norbert. Influence of crowding stress on properties of renal Na,K-ATPase in young male normotensive and spontaneously hypertensive rats. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2014, vol. 211, suppl. s697, p. 118. (4.251 - IF2013). (2014 - Current Contents). ISSN 1748-1708. *Joint Meeting of the Federation of European Physiological Societies (FEPS), August 27-30, 2014, Budapest, Hungary.* (4.251 - IF2013). APVV-0523-10; VEGA 2/0141/13.
- AEGA31 KLIMENTOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Activation of nuclear factor-kappa B upregulates eNOS in central nervous system. In *Journal of Hypertension*, 2014, vol. 32, e-Supplement 1, p. e194. (4.222 - IF2013). (2014 - Current Contents). ISSN 0263-6352.
- AEGA32 KLIMENTOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Melatonin increases nitric oxide production in the brain of rats with metabolic syndrome. In *Journal of Hypertension*, 2014, vol. 32, e-Supplement 1, p. e353. (4.222 - IF2013). (2014 - Current Contents). ISSN 0263-6352.
- AEGA33 PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. NO-dependent activation of nuclear factor-kappa B in the central nervous system is different than in the cardiovascular system. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e275. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA34 PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - DOVINOVÁ, Ima - KADLECOVÁ, M. - KUNEŠ, Jaroslav - ZICHA, Josef - PECHÁŇOVÁ, Oľga. The effect of melatonin on NOS and SOD upregulations in the model of metabolic syndrome. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine.* - Santiago de Compostela : School of Medicine, 2012, Poster 8. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological*

Societies. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P8. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.

AEGA35 KOVÁČSOVÁ, Mária - KONDRASHOV, Alexey - VRANKOVÁ, Stanislava - DOVINOVÁ, Ima - ŠEVČÍK, Rudolf - PAROHOVÁ, Jana - BARTA, Andrej - PECHÁŇOVÁ, Oľga. The effects of new alibernet red wine extract on nitric oxide and superoxid dismutase activities in spontaneously hypertensive rats. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 11. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P11. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, 2/0178/09.

AEGA36 KRISTEK, František - DROBNÁ, Magdaléna - BERÉNYIOVÁ, Andrea - ONDRIAS, Karol. The long-term effect of hydrogen sulphide deficiency on general parameters and structure of cardiovascular system of Wistar rats. In *Nitric Oxide : Biology and Chemistry*. - San Diego, USA : Academic Press Inc Elsevier Science, 2014, vol. 39, supplement 1, p. S17. (3.180 - IF2013). (2014 - Current Contents). ISSN 1089-8603. VEGA 2/0067/13, MZ 2012/51-SAV-1.

AEGA37 LOBOTKOVÁ, Jana - HALICKÁ, Zuzana - BUČKOVÁ, Kristína - HLAVAČKA, František. Assessment of gait initiation parameters from trunk accelerations and camera-based motion capture system. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 179. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P179. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA 2/0186/10.

AEGA38 MAJZÚNOVÁ, Miroslava - PAKANOVÁ, Zuzana - BALIŠ, Peter - DROBNÁ, Magdaléna - DOVINOVÁ, Ima. The effect of NOS inhibitors on radical signaling and antioxidant response in Wistar rats. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2014, vol. 211, suppl. s697, p. 2. (4.251 - IF2013). (2014 - Current Contents). ISSN 1748-1708. *Joint Meeting of the Federation of European Physiological Societies (FEPS)*, August 27-30, 2014, Budapest, Hungary. (4.251 - IF2013). SAS-NSC JRP 2010/1, APVV-0348-10, MZ SR 2012/51-SAV-1.

AEGA39 MÁLEKOVÁ, Ľubica - PAVLOVIČOVÁ, Michaela - KRISTEK, František - TOMÁŠOVÁ, Lenka - WOOD, M.E. - WHITEMAN, Mathew - ONDRIAS, Karol. Effects of H₂S - donors on membrane channels. In *Nitric Oxide : Biology and Chemistry*, 2013, vol. 31, supplement 2, p. S48. (3.265 - IF2012). (2013 - Current Contents). ISSN 1089-8603. APVV 0074-11, UK/572/2013, CEMAN.

- AEGA40 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Age-dependent changes of aortic nitric oxide generation in experimental metabolic syndrome. In *Journal of Hypertension*, 2014, vol. 32, e-Supplement 1, p. e170. (4.222 - IF2013). (2014 - Current Contents). ISSN 0263-6352.
- AEGA41 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Differences in nitric oxide synthase activity does not affect blood pressure in rats wit metabolic syndrome. In *Journal of Hypertension*, 2014, vol. 32, e-Supplement 1, p. e193. (4.222 - IF2013). (2014 - Current Contents). ISSN 0263-6352.
- AEGA42 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - KOVÁČSOVÁ, Mária - BARTA, Andrej - PECHÁŇOVÁ, Oľga. Experimental metabolic syndrome: age-dependent changes of nitric oxide generation. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e488. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA43 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - CEBOVÁ, Martina - KLIMENTOVÁ, Jana - REHÁKOVÁ, Radoslava - BARTA, Andrej - MURÍNOVÁ, Jana - RIEČANSKÝ, Igor - PECHÁŇOVÁ, Oľga. Changes in nitric oxide generation in rats reared in social isolation. In *Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 : abstracts.* - 2015, p. 107. (4.382 - IF2014). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2015, vol. 215, suppl. S705, p. 108-109. (4.382 - IF2014). (2015 - Current Contents). ISSN 1748-1708. VEGA 2/0195/15, 2/0144/14, 2/0165/15; APVV-14-0932, APVV-14-0840.
- AEGA44 MÉZEŠOVÁ, Lucia - KALOČAYOVÁ, Barbora - JENDRUCHOVÁ, Veronika - VLKOVIČOVÁ, Jana - BARANČÍK, Miroslav - FULOP, M. - SLEZÁK, Ján - BABÁL, P. - JANEGA, Pavol - VRBJAR, Norbert. Influence of gamma-irradiation on properties of Na,K-ATPase in cardiac sarcolemma. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2014, vol. 211, suppl. s697, p. 71. (4.251 - IF2013). (2014 - Current Contents). ISSN 1748-1708. *Joint Meeting of the Federation of European Physiological Societies (FEPS), August 27-30, 2014, Budapest, Hungary.* (4.251 - IF2013). VEGA 2/0414/13; APVV-0241-11.
- AEGA45 MURÍNOVÁ, Jana - MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - BENDŽALA, Štefan - PECHÁŇOVÁ, Oľga - RIEČANSKÝ, Igor. The influence of 29 weeks of social isolation on basic behavioral and somatic parameters in Wistar Kyoto rats. In *Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 : abstracts.* - 2015, p. 99. (4.382 - IF2014). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2015, vol. 215, suppl. S705, p. 101. (4.382 - IF2014). (2015 - Current Contents). ISSN 1748-1708. VEGA 2/0165/15.

- AEGA46 OKRUHLICOVÁ, Ľudmila - KNEZL, Vladimír - NAVAROVÁ, Jana - SOTNÍKOVÁ, Ružena - BERNÁTOVÁ, Iveta - FRIMMEL, Karel - SLEZÁK, Ján. Inflammation-induced structural alterations of endothelium contribute to increased susceptibility of the heart to ischemia/reperfusion injury. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, p. Poster 208. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2012, vol. 206, suppl. 693, p. P208. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA 2/0108/10.
- AEGA47 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - JENDEKOVÁ, Lýdia. Dual and time-dependent effect of L-NAME treatment on the cardiovascular and central nervous systems. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, no. 751. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. APVV-0742-10, VEGA 2/0190/11. Dostupné na internete: <www.jhypertension.com>.
- AEGA48 PECHÁŇOVÁ, Oľga - PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - BARTA, Andrej - KOVÁČSOVÁ, Mária - JANEGA, Pavol. Effect of melatonin on blood pressure and fibrosis enlargement in the heart and aorta in experimental metabolic syndrome. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, p. e177. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09. Dostupné na internete: <www.jhypertension.com>.
- AEGA49 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - JANEGA, Pavol. Effect of nuclear factor-kappa B inhibition on heart remodelling in experimental hypertension. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, p. e259. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09. Dostupné na internete: <www.jhypertension.com>.
- AEGA50 PECHÁŇOVÁ, Oľga - JANEGA, Pavol - CEBOVÁ, Martina - BARTA, Andrej - KLIMENTOVÁ, Jana - REHÁKOVÁ, Radoslava - MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KOVÁČSOVÁ, Mária - ČIERNA, Zuzana. Effect of red wine extract on pro-inflammatory markers - nuclear factor-kappaB and inducible NOS in experimental metabolic syndrome. In *Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 : abstracts*. - 2015, p. 75. (4.382 - IF2014). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2015, vol. 215, suppl. S705, p. 76. (4.382 - IF2014). (2015 - Current Contents). ISSN 1748-1708. VEGA 2/0195/15, 2/0144/14, 2/0165/15; APVV-14-0932, APVV-0742-10.
- AEGA51 PECHÁŇOVÁ, Oľga - CEBOVÁ, Martina - BARTA, Andrej - KLIMENTOVÁ, Jana - REHÁKOVÁ, Radoslava - MATÚŠKOVÁ, Zuzana -

KOVÁČSOVÁ, Mária - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - KOPČANSKÝ, Peter. Effects of nanoparticle-loaded aliskiren on structural alterations in the heart and aorta. In *Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 : abstracts.* - 2015, p. 74-75. (4.382 - IF2014). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2015, vol. 215, suppl. S705, p. 75-76. (4.382 - IF2014). (2015 - Current Contents). ISSN 1748-1708. VEGA 2/0195/15, 2/0144/14, 2/0165/15; APVV-14-0932, APVV-0742-10.

AEGA52 PRIPFL, Jurgen - TOMOVA, Livia - RIEČANSKÝ, Igor - LAMM, Claus. Using TMS to treat smoking addiction: behavioral and neural effects. In *Psychophysiology*, 2013, vol. 50, suppl. S1, p. S129. (3.261 - IF2012). (2013 - Current Contents). ISSN 0048-5772.

AEGA53 PÚZSEROVÁ, Angelika - ILOVSKÁ, Veronika - BALIŠ, Peter - SLEZÁK, Peter - ŠESTÁKOVÁ, Natália - BERNÁTOVÁ, Iveta. Age-related changes in vascular function of normotensive and spontaneously hypertensive rats. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, p. e243. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. APVV-0523-10, VEGA 2/0084/10. Dostupné na internete: <www.jhypertension.com>.

AEGA54 PÚZSEROVÁ, Angelika - SLEZÁK, Peter - BALIŠ, Peter - ILOVSKÁ, Veronika - ŠESTÁKOVÁ, Natália - KLUKNAVSKÝ, Michal - BERNÁTOVÁ, Iveta. Endothelial dysfunction in young male and female spontaneously hypertensive rats are similar. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement 1, p. e33. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. APVV-0523-10, VEGA 2/0084/10. Dostupné na internete: <www.jhypertension.com>.

AEGA55 PÚZSEROVÁ, Angelika - DOVINOVÁ, Ima - ANDRIANTSITOHAINA, Ramaroson - BERNÁTOVÁ, Iveta. Red wine polyphenols improved endothelial dysfunction in borderline hypertensive rats. In *Journal of Hypertension*, 2012, vol. 30, e-Supplement A, p. e197. (4.021 - IF2011). (2012 - Current Contents). ISSN 0263-6352. VEGA 2/0084/10, APVV-0523-10.

AEGA56 PÚZSEROVÁ, Angelika - ILOVSKÁ, Veronika - BALIŠ, Peter - SLEZÁK, Peter - ŠESTÁKOVÁ, Natália - BERNÁTOVÁ, Iveta. The effect of ageing on endothelial function and nitric oxide bioavailability in rats. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine.* - Santiago de Compostela : School of Medicine, 2012, Poster 58. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P58. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708.

AEGA57 RADOŠINSKÁ, Jana - BAČOVÁ, Barbara - WALUKAT, Gerd - KNEZL, Vladimír - ŽURMANOVÁ, Jitka - SOUKUP, Tomáš - BARANČÍK, Miroslav - PAULIS, Ľudovít - TRIBULOVÁ, Narcis. N-3 fatty acids intake suppresses the production of B1-adrenoreceptors autoantibody, MMP-2 activity and myocardial connexin-43 in aged male and female spontaneously hypertensive rats. In *Journal of*

Hypertension, 2013, vol. 31, e-suppl. A, e264. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. *ESH 2013, Milan, June 14-17, Italy*. (3.806 - IF2012).

- AEGA58 RAVINGEROVÁ, Táňa - GRIECISOVÁ, Lucia - LEDVÉNYIOVÁ, Veronika - KHANDELWAL, V. K. M. - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Z. Age-related changes in response to ischemia and adaptation in male rat hearts: Potential molecular mechanisms behind. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2014, vol. 211, suppl. s697, p. 27. (4.251 - IF2013). (2014 - Current Contents). ISSN 1748-1708. *Joint Meeting of the Federation of European Physiological Societies (FEPS), August 27-30, 2014, Budapest, Hungary*. (4.251 - IF2013). APVV-0102-11; APVV-0523-10.
- AEGA59 REGECOVÁ, Valéria - ŠIMURKA, P. Cardio-metabolic risk factors in children related to body mass index. In *Journal of Hypertension*, 2014, vol. 32, e-Supplement 1, p. e383-384. (4.222 - IF2013). (2014 - Current Contents). ISSN 0263-6352.
- AEGA60 REGECOVÁ, Valéria - ŠIMURKA, Pavol - BARÁKOVÁ, A. - KELLEROVÁ, Eva. Trends in cardiovascular risk factors according to urban and rural residence in adolescents. In *European Journal of Preventive Cardiology*, 2012, vol.19, p. 17. (2.634 - IF2011). ISSN 2047-4873.
- AEGA61 REHÁKOVÁ, Radoslava - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - BARTA, Andrej - CEBOVÁ, Martina - KOVÁCSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Effects of short-term fructose consumption on oxidative damage and NO production in experimental hypertension. In *Journal of Hypertension*, 2014, vol. 32, e-Supplement 1, p. e141. (4.222 - IF2013). (2014 - Current Contents). ISSN 0263-6352. APVV-0742-10, VEGA 2/0183/12, VEGA 2/0144/14.
- AEGA62 RIEČANSKÝ, Igor - TOMOVA, Livia - BAUER, Herbert - FISCHMEISTER, Florian P. - LAMM, Claus. Contribution of short-term memory retention to rotation-related ERP negativity. In *International Journal of Psychophysiology*, 2012, vol. 85, no. 3, p. 423. (2.144 - IF2011). (2012 - Current Contents). ISSN 0167-8760.
- AEGA63 RIEČANSKÝ, Igor - KOELBLE, Sara - PAUL, Nina - STIEGER, Stefan - LAMM, Claus. Racial bias in somatosensory resonance during observation of pain in others. In *Psychophysiology*, 2013, vol. 50, suppl. S1, p. S78. (3.261 - IF2012). (2013 - Current Contents). ISSN 0048-5772.
- AEGA64 RIEČANSKÝ, Igor - ROVNÝ, Rastislav - ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - CIMROVÁ, Barbora - KUTLÍKOVÁ, Hana - BENDŽALA, Štefan - REPISKÁ, G. - KATINA, Stanislav - MINÁRIK, Gabriel. The relationship between neuronal nitric oxide synthase genotype and prepulse inhibition in humans. In *Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 : abstracts.* - 2015, p. 106. (4.382 - IF2014). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2015, vol. 215, suppl. S705, p. 107. (4.382 - IF2014). (2015 - Current

Contents). ISSN 1748-1708. MZ SR 2012/52-SAV-2, VEGA 2/0080/13, 2/0093/14, 2/0165/15.

- AEGA65 SOTNÍKOVÁ, Ružena - PÚZSEROVÁ, Angelika - NOSÁLOVÁ, Viera - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta. Detrimental effect of crowding stress on vascular functional integrity. Interaction with ischemia/reperfusion. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine.* - Santiago de Compostela : School of Medicine, 2012, Poster 207. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P207. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. APVV-0523-10, VEGA 2/0084/10.
- AEGA66 SZEIFFOVÁ BAČOVÁ, Barbara - VICZENCZOVÁ, Csilla - RADOŠINSKÁ, Jana - KNEZL, Vladimír - BERNÁTOVÁ, Iveta - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - VAN ROOYEN, Jacques - TRIBULOVÁ, Narcis. Cardioprotective effects of red palm oil intake demonstrated in hypertensive rats. In *European Journal of Preventive Cardiology*, 2012, vol. 19, suppl. 1, p. S31. (2.634 - IF2011). ISSN 2047-4873.
- AEGA67 ŠPAJDEL, Marián - RIEČANSKÝ, Igor. Shifts in visual spatial attention affect dichotic listening. In *International Journal of Psychophysiology*, 2012, vol. 85, no. 3, p. 426. (2.144 - IF2011). (2012 - Current Contents). ISSN 0167-8760.
- AEGA68 TABAČEKOVÁ, Marcela - TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - PECHÁŇOVÁ, Oľga. Effect of antioxidant quercetin on cardiovascular function of young spontaneously hypertensive rats. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e263. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.
- AEGA69 TABAČEKOVÁ, Marcela - TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - PAROHOVÁ, Jana - VRANKOVÁ, Stanislava. Effect of antioxidant quercetin on cardiovascular function in young rats with developing spontaneous hypertension. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine.* - Santiago de Compostela : School of Medicine, 2012, Poster 87. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies.* - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P87. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA 2/0193/11, VEGA 2/0188/12.
- AEGA70 TOMÁŠOVÁ, Lenka - KRISTEK, František - GRMAN, Marián - ONDRIAŠOVÁ, Elena - ONDRIAŠ, Karol. Effects of the reaction products of sulfide and S-nitrosoglutathione on rat hemodynamic parameters. In *Nitric Oxide : Biology and Chemistry.* - San Diego, USA : Academic Press Inc Elsevier Science, 2015, vol. 47, supplement, p. S30-S31. (3.521 - IF2014). (2015 - Current Contents). ISSN 1089-8603. Dostupné na internete: <<http://dx.doi.org/10.1016/j.niox.2015.02.074>>.

- AEGA71 TOMÁŠOVÁ, Lenka - KRISTEK, František - WHITEMAN, Mathew - ONDRIŠ, Karol. Effects of fast and slow H₂S donors on rat hemodynamic parameters. In *Nitric Oxide : Biology and Chemistry*. - San Diego, USA : Academic Press Inc Elsevier Science, 2014, vol. 39, supplement 1, p. S47. (3.180 - IF2013). (2014 - Current Contents). ISSN 1089-8603. VEGA 2/0050/13.
- AEGA72 TOMOVA, Livia - RIEČANSKÝ, Igor - KATINA, Stanislav - BAUER, Herbert - FISCHMEISTER, Florian P. - LAMM, Claus. NO contribution of short-term memory retention to mental rotation-related ERP negativity. In *Psychophysiology*, 2013, vol. 50, suppl. S1, p. S92. (3.261 - IF2012). (2013 - Current Contents). ISSN 0048-5772. VEGA 2/0080/13, 2/0038/12 and research cluster MMI-CNS.
- AEGA73 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - TABAČEKOVÁ, Marcela. Effect of high-fructose intake on cardiovascular function in normotensive and hypertensive rats. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 86. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P86. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA 2/0188/12.
- AEGA74 TRIBULOVÁ, Narcis - NAGIBIN, V. - EGAN BEŇOVÁ, Tamara - VICZENCZOVÁ, Csilla - RADOŠINSKÁ, Jana - KNEZL, Vladimír - DOVINOVA, Ima - BARANČÍK, Miroslav. Age-related deterioration of cardiac cell-to-cell coupling likely contributes to development of atrial fibrillation in old guinea pig : *Frontiers in cardiovascular biology*. Abstracts of the Third Congress of the ESC Council on Basic Cardiovascular Science. July 4-6, 2014. Barcelona, Spain. In *Cardiovascular Research*, 2014, vol. 103, suppl. 1, s. 6, P42. (5.808 - IF2013). (2014 - Current Contents). ISSN 0008-6363. *Frontiers in CardioVascular Biology 2014, Barcelona 4th-6th July*. (5.808 - IF2013).
- AEGA75 VALKOVIČ, Peter - ŠTEFÁNIKOVÁ, G. - KOVÁČIKOVÁ, Zuzana - LIPKOVÁ, J. - SCHMIDT, F. - HLAVAČKA, František - ZEMKOVÁ, E. Static and task-oriented balance tests in early stages of Parkinson's disease. In *Parkinsonism & Related Disorders*, 2012, vol. 18, suppl. 2, p. S74. (3.795 - IF2011). (2012 - Current Contents). ISSN 1353-8020. VEGA 1/0070/11.
- AEGA76 VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - MATÚŠKOVÁ, Zuzana - DOVINOVA, Ima - PECHÁŇOVÁ, Oľga. Different NO and ROS generation in the models of metabolic syndrome. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 12. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P12. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.

AEGA77 VRANKOVÁ, Stanislava - REHÁKOVÁ, Radoslava - PAROHOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - MATUŠKOVÁ, Zuzana - BUČKOVÁ, Kristína - PECHÁŇOVÁ, Oľga. The effect of short-term fructose treatment on nitric oxide production in spontaneously hypertensive rats. In *Journal of Hypertension*, 2013, vol. 31, e-Supplement A, p. e399-e400. (3.806 - IF2012). (2013 - Current Contents). ISSN 0263-6352. Dostupné na internete: <www.jhypertension.com>.

AEGA78 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef - BEDNÁROVÁ, Kristína - ŠIMKO, Fedor. Contractile properties of conduit arteries in different models of experimental hypertension. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congress venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 85. (3.090 - IF2011). *Acta Physiologica : official journal of the Federation of European Physiological Societies*. - Oxford, England : Blackwell Publishing, 2012, vol. 206, suppl. 693, p. P85. (3.090 - IF2011). (2012 - Current Contents). ISSN 1748-1708. VEGA 1/0187/11, VEGA 2/0188/12.

AEMA Abstracts of scientific papers published in foreign impacted journals registered in Web of Science Core Collection or Scopus

AEMA01 DOVINOVÁ, Ima - KVANDOVÁ, Miroslava - BARANČÍK, Miroslav - MAJZÚNOVÁ, Miroslava - GREŠOVÁ, Linda - BALIŠ, Peter - GAJDOŠECHOVÁ, Lucia - ZÓRAD, Štefan. PPAR-gamma agonists treatment affected radical and cell signaling, antioxidant response and blood pressure of hypertensive rats. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2014, vol. 211, suppl. s697, p. 90. (4.251 - IF2013). (2014 - Current Contents). ISSN 1748-1708. *Joint Meeting of the Federation of European Physiological Societies (FEPS), August 27-30, 2014, Budapest, Hungary*. (4.251 - IF2013). APVV-0348-12, VEGA 2/0129/14, MZ SR 2012/51-SAV-1.

AFA Published invited papers from foreign scientific conferences

AFA01 BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - BALIŠ, Peter. Sex-related differences in cardiovascular action of crowding stress in young normotensive and hypertensive rats. In *Physiology 2014, 30 June - 2 July 2014, The Queen Elizabeth II Conference Centre, London, UK*. - 2014, p. 28P-29P. APVV-0523-10, VEGA 2/0084/14. Dostupné na internete: <www.physiology2014.org>.

AFC Published papers from foreign scientific conferences

AFC01 MURÍNOVÁ, Jana. Neurovývinové animálne modely schizofrénie = Neurodevelopmental animal models of schizophrenia. In *QUAERE 2015, roč. V : recenzovaný zborník príspevků vědecké interdisciplinární mezinárodní vědecké konference doktorandů a odborných asistentů*. - Hradec Králové, Česká republika : Magnanimitas, 2015, s. 726-732. ISBN 978-80-87952-10-8.

AFC02 SEKAJ, Ivan - ZICHA, Josef - BEHULIAK, Michal - BALIŠ, Peter - MAJZÚNOVÁ, Miroslava - BERNÁTOVÁ, Iveta. Blood pressure regulation modeling in Matlab. In *Technical Computing Bratislava 2012 : 20th Annual Conference*. - Prague, Czech Republic : Humusoft, 2012, p. 75-81. ISBN 978-80-970519-4-5. APVV-0523-10.

AFD Published papers from domestic scientific conferences

- AFD01 BARANČÍK, Miroslav - BARTEKOVÁ, Monika - IVANOVÁ, Monika - GIBALOVÁ, Lenka - ŠEREŠ, Mário - DOVINOVA, Ima - SULOVÁ, Zdena. Vplyv chronických účinkov doxorubicínu na odpovede srdca potkana voči akútnej ischémii. Mechanizmy zahrnuté v realizácii účinkov doxorubicínu. In *Zborník príspevkov 1. konferencie Centra excelentnosti pre glykomiku "Súčasný a budúce úlohy CE pre glykomiku"* : 23. máj 2012. - Bratislava : Chemický ústav SAV, 2012, nestr. ISBN 978-80-971156-0-9. ITMS 26240120031.
- AFD02 IVANOVÁ, Monika - BARTEKOVÁ, Monika - OKRUHLICOVÁ, Ľudmila - ŠIMONČÍKOVÁ, Petra - DOVINOVA, Ima - BARANČÍK, Miroslav. Matrixové metaloproteinázy a ich úloha v procesoch vyvolaných dlhodobým podávaním doxorubicínu u potkana. In *Zborník príspevkov 1. konferencie Centra excelentnosti pre glykomiku "Súčasný a budúce úlohy CE pre glykomiku"* : 23. máj 2012. - Bratislava : Chemický ústav SAV, 2012, nestr. ISBN 978-80-971156-0-9. ITMS 26240120031.
- AFD03 KAPRINAY, Barbara - SOTNÍKOVÁ, Ružena - BERNÁTOVÁ, Iveta. Influence of social stress on reactivity of the rat aorta. In *International miniconference of PhD students. IV. miniconference of PhD students : when biochemistry meets pharmacology and toxicology. 24th June 2015. Proceedings book*. - Bratislava : Institute of Experimental Pharmacology and Toxicology SASc., 2015, p. 47-51. ISBN 978-80-971042-5-2. APVV-0523-10, ITMS 26240220040.
- AFD04 LENČ, Tomáš - ŠPAJDEL, Marián - CIMROVÁ, Barbora. Vnímanie rytmu u detí s dyslexiou: pilotná štúdia na slovenskej populácii [The perception of rhythm in children with dyslexia: a pilot study on the Slovak population]. In *Rozhodovanie v živote človeka*. : 33. *Psychologické dni. Zborník príspevkov*. Ivan Sarmány-Schuller (Ed.) ; recenzenti: Marta Popelková, Vladimír Salbot. - Bratislava : Ústav experimentálnej psychológie SAV, 2015, s. 157-163. ISBN 978-80-88910-53-4. VEGA 1/0083/15.
- AFD05 RIEČANSKÝ, Igor - MITKA, Milan - JAGLA, Fedor. Vzťah medzi zrakovou pracovnou pamäťou a elektrickou aktivitou mozgu. In *Rozhodovanie v živote človeka*. : 33. *Psychologické dni. Zborník príspevkov*. Ivan Sarmány-Schuller (Ed.) ; recenzenti: Marta Popelková, Vladimír Salbot. - Bratislava : Ústav experimentálnej psychológie SAV, 2015, s. 217-222. ISBN 978-80-88910-53-4. Projekt VEGA /0080/13 a 2/0093/14, APVV-14-0840 a 2012/52-SAV-2.
- AFD06 ROSIPAL, Roman - CIMROVÁ, Barbora - RUCKSCHLOSS, L. - KOHÚT, Z. - FARKAŠ, I. - PORUBCOVÁ, N. Vplyv zrkadlového tréningu na moduláciu motorických rytmov: elektrofyzikálna a klinická štúdia pacienta s hemiparézou po mozgovom infarkte [The effect of mirror-box training on modulation of motor rhythms: electrophysiological and clinical study of patient with hemiparesis after stroke]. In *Kognícia a umelý život 2015*. Zostavili: I. Farkaš, M. Tkáč, J. Rybár, J. Kelemen; Recenzenti: G. Andrejková, L. Cienciala et al. - Bratislava : Univerzita Komenského v Bratislave, 2015, s. 151-156. ISBN 978-80-223-3875-2.

AFD07 ŠPAJDEL, Marián - KOHÚT, Z. - CIMROVÁ, Barbora - BUDÁČ, Stanislav - ROHÁRIKOVÁ, Veronika - RIEČANSKÝ, Igor. Interferencia zrakové a sluchovej pozornosti pri dichotickej stimulácii [Interference of visual and auditory attention during dichotic listening]. In *Kognícia a umelý život 2015*. Zostavili: Igor Farkaš, Martin Tkáč, Ján Rybár, Jozef Kelemen. - Bratislava : Univerzita Komenského v Bratislave, 2015, s. 167-172. ISBN 978-80-223-3875-2. VEGA 1/0083/15, 2/0080/13, 2/0093/14.

AFD08 ŠVEHLÍKOVÁ, Jana - ZELINKA, Ján - SZATHMÁRY, Vavrinec - BACHÁROVÁ, Ľ. - TYŠLER, Milan. Modeling as a tool for understanding of changes in ECG signals. In *MEASUREMENT 2015 : 10th International Conference on Measurement*. Editors J. Maňka, M. Tyšler, V. Witkovský, I. Frollo. - Bratislava : Institute of Measurement Science, SAS, 2015, p. 101-104. ISBN 978-80-969672-9-2.

AFE Abstracts of invited papers from foreign conferences

AFE01 LEDVÉNYIOVÁ, Veronika - BERNÁTOVÁ, Iveta - ČARNICKÁ, Slávka - BARTEKOVÁ, Monika - RAVINGEROVÁ, Táňa. Gender-related response to ischemia in young SHR rats exposed to crowding. In *Current Research: Cardiology : The Journal of the International Academy of Cardiovascular Sciences*, 2014, vol. 1, no. 1, p. 45 - 46. *2nd Cardiovascular Forum for Promoting Centres of Excellence and Young Investigators : September 4 to 6, 2014; Winnipeg, Manitoba, Canada*. APVV-0523-10; APVV-0102-11.

AFE02 JAGLA, Fedor - RIEČANSKÝ, Igor - CIMROVÁ, Barbora - PECHÁŇOVÁ, Oľga. Effects of natural polyphenols upon the higher brain functions. In *International Integrated Clinical Neuroscience Forum: 14-15 September 2013 : Abstract Book, Collection of Abstracts of Invited Speakers*. - New Delhi, India, 2013, p. 5-6. CE-NOREG SAS, VEGA 2/0173/11, APVV-0742-10.

AFE03 JAGLA, Fedor. Objective and subjective factors affecting the oculomotor response. In *Molecular, Cellular and Integrative Basis of Health and Disease: Transdisciplinary Approach : Abstract Book, 3rd Congress of Physiological Sciences of Serbia with International Participation, Belgrade, Republic of Serbia, October 29-31, 2014*. - Beograd : Društvo fiziologa Republike Srbije, 2014, p. 81. ISBN 978-86-904799-7-9.

AFE04 ONDRIAŠ, Karol - KRISTEK, František - STAŠKO, Andrej - GRMAN, Marián - NAGY, Peter - MIŠÁK, Anton - FEELISCH, Martin. H₂S induced decomposition of nitroso-compounds and consequent biological effect. In *Nitric Oxide : Biology and Chemistry*. - San Diego, USA : Academic Press Inc Elsevier Science, 2014, vol. 39, supplement 1, p. S9. (3.180 - IF2013). (2014 - Current Contents). ISSN 1089-8603. APVV-0074-11, VEGA 2/0050/13.

AFE05 PECHÁŇOVÁ, Oľga. Central effects of angiotensin converting enzyme inhibitors, captopril and enalapril on hypertension and motor activity. In *International Integrated Clinical Neuroscience Forum: 14-15 September 2013 : Abstract Book, Collection of Abstracts of Invited Speakers*. - New Delhi, India, 2013, p. 15-16. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, 2/0178/09.

AFE06 PECHÁŇOVÁ, Oľga. Disorders of nitric oxide pathway in metabolic syndrome. In *Molecular, Cellular and Integrative Basis of Health and Disease: Transdisciplinary Approach : Abstract Book, 3rd Congress of Physiological Sciences of Serbia with International Participation, Belgrade, Republic of Serbia, October 29-31, 2014*. - Beograd : Društvo fiziologa Republike Srbije, 2014, p. 51. ISBN 978-86-904799-7-9.

AFE07 PECHÁŇOVÁ, Oľga. Effects of nanoparticle-loaded antihypertensive drugs on the cardiovascular system. In *2nd European Section Meeting of the International Academy of Cardiovascular Sciences, "Heart Diseases:How New Research May Lead to New Treatments" : Abstract Book with Final Program, Hotel Crowne Plaza, Belgrade, Serbia, October 7th-11th, 2015*. - Beograd, Srbsko, 2015, p. 73. ISBN 978-86-904799-8-6. VEGA 2/0195/15, 2/0144/14, 2/0165/15; APVV-14-0932, APVV-0742-10.

AFF Abstracts of invited papers from domestic conferences

AFF01 BERNÁTOVÁ, Iveta - PÚZEROVÁ, Angelika - BALIŠ, Peter - KLUKNAVSKÝ, Michal - ŠESTÁKOVÁ, Natália - BUŠOVÁ, Dominika. Differences in delayed stress-induced behavioural and vascular effects in young normotensive and borderline hypertensive rats. In *Eleventh Symposium on Catecholamines and Other Neurotransmitters in Stress : Smolenice Castle, Slovakia, June 20-25, 2015*. - Bratislava : Ústav Experimentálnej Endokrinológie SAV, 2015, s. 9. APVV-0523-10, VEGA 2/0084/14.

AFF02 BERNÁTOVÁ, Iveta - PÚZEROVÁ, Angelika - BALIŠ, Peter - HORVÁTHOVÁ, M. - MUCHOVÁ, Jana - ŽITŇANOVÁ, Ingrid. Endothelial dysfunction and oxidative stress in hypertension: Chicken-and-egg problem. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 21. ISBN 978-80-224-1452-4. APVV-523-10, VEGA 2/0084/14.

AFFA Abstracts of invited papers from international conferences in Slovakia

AFFA01 REGECOVÁ, Valéria - ŠIMURKA, Pavol. Analysis of the body mass index standards in the National Anthropological Surveys on children and adolescents in Slovakia. In *Česko-slovenská pediatrie*, 2013, roč. 68, s1, s. 45. ISSN 0069-2328. APVV-0523-10, VEGA 2/0084/10.

AFFA02 REGECOVÁ, Valéria - ŠIMURKA, Pavol. Analýza referenčných hodnôt indexu telesnej hmotnosti v Celoštátnych antropometrických prieskumoch detí a mládeže na Slovensku. In *Česko-slovenská pediatrie*, 2013, roč. 68, s1, s. 44. ISSN 0069-2328. APVV-0523-10, VEGA 2/0084/10.

AFG Abstracts of papers from foreign conferences

AFG01 ABRAHAMCZIK, Markus - SEIDEL, Eva-Maria - RIEČANSKÝ, Igor - SILANI, Giorgia - LAMM, Claus. "The analgesic I took will ease our pain" - Generalization of placebo analgesia to empathy for pain. In *11. Tagung der Österreichischen Gesellschaft für Psychologie : 24.-26. April 2014*. - Universität Wien, 2014, p. 38.

- AFG02 ADAMEOVÁ, Adriana - RAJTÍK, Tomáš - SZOBI, Adrián - ČARNICKÁ, Slávka - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. CAMKII v regulácii činnosti srdca za fyziologických a patologických podmienok. In *Čtyřicet let Komise experimentální kardiologie: Odkud jsme vyšli a kam směřujeme : 40. pracovní konference Komise experimentální kardiologie při České a slovenské fyziologické společnosti ČLS JEP. Vranovská Ves, 17.-19. 10. 2012.* - Brno : Fyziologický ústav, Lékařská fakulta, Masarykova universita, 2012, s. 9. ISBN 1801-6103. VEGA 1/0638/12, 2/0054/11, APVV-0523-10, APVV-0102-11.
- AFG03 BALIŠ, Peter - PÚZSEROVÁ, Angelika - SLEZÁK, Peter - BERNÁTOVÁ, Iveta. Effect of Alibernet red wine extract on endothelial function and lipoperoxidation in young normotensive and hypertensive rats. In *VI International Conference on Polyphenols and Health.* - Buenos Aires, Argentina, 2013, p. 81. APVV-0523-10, VEGA 2/0084/10.
- AFG04 BARANČÍK, Miroslav - BARTEKOVÁ, Monika - IVANOVÁ, Monika - OKRUHLICOVÁ, Ľudmila - GIBALOVÁ, Lenka - ŠEREŠ, Mário - DOVINOVÁ, Ima - SULOVÁ, Zdena. Mechanizmy zahrnuté v chronických účinkoch doxorubicínu na srdce potkana. In *XXIII. biochemický sjezd České společnosti pro biochemii a molekulární biologie a Slovenskej spoločnosti pre biochemiu a molekulárnu biológiu.* - Brno : JPM, 2012, s. 111. ISBN 978-80-86313-34-4. VEGA 2/0169/12, 2/0108/10, SAS-NSC-JRP 2010/01.
- AFG05 BARANČÍK, Miroslav - FOGARASSYOVÁ, Mária - DOVINOVÁ, Ima. Úloha metaloproteináz v realizácii účinkov inhibítorov NO syntáz. In *XXVII. xenobiochemické symposium : Pavlov, 27.-30.5.2013.* - [Brno] : [Výzkumný ústav veterinárního lékařství], 2013, s. 72. VEGA 2/0169/12, VEGA 2/0140/12, SAS-NSC-JRP 2010/0.
- AFG06 BARTA, Andrej - PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - JANEGA, Pavol - KOVÁCSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Structural alterations of heart and aorta in rats with metabolic syndrome. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program.* - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 52. ISBN 978-86-904799-6-2. APVV-0538-07, APVV-0742-10, SK-SRB-0038-11, VEGA 2/0190/11, 2/0178/09.
- AFG07 BARUDZIC, Nevena - JAKOVLJEVIC, V. - ZIVKOVIC, Vladimir - SREJOVIC, Ivan - DJURIC, Dragan M. - BALIŠ, Peter - BARTA, Andrej - PECHÁŇOVÁ, Oľga. The effect of aliskiren on oxidative stress in isolated hypertensive rat heart. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings.* - Rabat, Morocco, 2014, p. 29-30.
- AFG08 BERÉNYIOVÁ, Andrea. Interaction of NO and H2S signal pathways in young normotensive and spontaneously hypertensive rats. In *Tűkőr : 12. Hungarian Scientific Conference of Vojvodinian Students, Novi Sad, 15th - 17th November 2013.* - Újdivék : Dániel Print, 2013, p. 84. ISBN 978-86-85245-25-1.

- AFG09 BERNÁTOVÁ, Iveta - GALLEANO, Monica - PÚZSEROVÁ, Angelika - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - PECHÁŇOVÁ, Oľga - FRAGA, César G. Cocoa flavanol (-)-epicatechin reduces blood pressure and endothelial dysfunction in an experimental model of human primary hypertension by improvement of vascular nitric oxide bioavailability. In *World Hypertension Congress 2013. Istanbul, Turkey, June 27 to 30, 2013.* - Istanbul, Turkey, 2013, abstract No: O-3. VEGA 2/0084/10, CONICET.
- AFG10 BERNÁTOVÁ, Iveta - ŠESTÁKOVÁ, Natália - KLUKNAVSKÝ, Michal - BALIŠ, Peter - PÚZSEROVÁ, Angelika. Differences in delayed behavioural and cardiovascular effects of chronic crowding stress in young normotensive and prehypertensive male rats: involvement of nitric oxide. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings.* - Rabat, Morocco, 2014, p. 112-113. APVV-0523-10, VEGA 2/0084/14.
- AFG11 BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - BALIŠ, Peter - SLEZÁK, Peter - DOVINOVÁ, Ima - MAJZÚNOVÁ, Miroslava - ŠESTÁKOVÁ, Natália. Effect of social stress in young female rats with predisposition to high blood pressure. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program.* - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 53. ISBN 978-86-904799-6-2. APVV-0523-10, VEGA 2/0084/10.
- AFG12 BERNÁTOVÁ, Iveta - GALLEANO, Monica - PÚZSEROVÁ, Angelika - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - PECHÁŇOVÁ, Oľga - FRAGA, César G. (-)-Epicatechin reduces blood pressure and endothelial dysfunction in genetically hypertensive rats by improvement of vascular nitric oxide bioavailability. In *VI International Conference on Polyphenols and Health.* - Buenos Aires, Argentina, 2013, p. 18. APVV-0523-10, VEGA 2/0084/10, CONICET.
- AFG13 BIZOVSKA, L. - SVOBODA, Zdeněk - JANURA, M. - HIRJAKOVÁ, Zuzana. Differences between overground and treadmill walking in dynamic stability assessment using frequency and nonlinear analysis - pilot study. In *ESB 2015 - Book of Extended Abstracts : 21st Congress of the European Society of Biomechanics, 5-8 July 2015, Prague, Czech Republic.* - Praha : České vysoké učení technické v Praze, 2015, p. 548. ISBN 978-80-01-05777-3.
- AFG14 BUČKOVÁ, Kristína - HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - HLAVAČKA, František. Functional limit of stability in relation to standing on inclined surface. In *Motor Control 2012 - From Theories to Clinical Application : International Scientific Conference. Book of Abstracts.* - 2012, p. 27. VEGA 2/0186/10.
- AFG15 BUČKOVÁ, Kristína - HIRJAKOVÁ, Zuzana - HLAVAČKA, František. Postural adjustments of leaning during stance on inclined surface. In *Proceedings. Fundamental and Applied Kinesiology - Steps Forward. 7th International Scientific Conference on Kinesiology, Opatija, Croatia, May 22 -25, 2014.* - Zagreb : University of Zagreb, 2014, p. 227. ISBN 978-953-317-027-5. VEGA 2/0138/13, VEGA 1/0744/14.

- AFG16 CEBOVÁ, Martina - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - MATÚŠKOVÁ, Zuzana - BARTA, Andrej - KOVÁCSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Effects of the renin inhibitor - aliskiren in spontaneously hypertensive rats. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program*. - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 60. ISBN 978-86-904799-6-2. APVV-0538-07, APVV-0742-10, SK-SRB-0038-11, VEGA 2/0190/11, 2/0178/09.
- AFG17 CEBOVÁ, Martina - KNOWLES, Catherine J. - PREDA, Marilena - VARY, Calvin - PINZ, Ilka M. Maternal obesity "rafting" offspring toward cardiovascular disease: Palmitate exposure in utero causes systolic and vascular dysfunction via modified lipid raft structure. In *Nutrition Winterschool 2014. Gut wellbeing - Expanding the Horizon, January 27th - January 30th 2014, Ylläs, Finland*. - University of Helsinki, Finland, 2014, p. 49-50.
- AFG18 CEBOVÁ, Martina - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. The effect of nanoencapsulated renin inhibitor, aliskiren on nitrite oxide production in cardiovascular system of spontaneously hypertensive rats. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings*. - Rabat, Morocco, 2014, p. 30. VEGA 2/0183/12, 2/0144/14; APVV-0742-10.
- AFG19 ČAČÁNYIOVÁ, Soňa - BERÉNYIOVÁ, Andrea - MÁLEKOVÁ, Magdaléna - KRISTEK, František - MÍŠÁK, Anton - ONDRIAS, Karol. The vasoactive effects of H₂S - NO interaction. In *89. Fyziologické dny : sborník abstraktů. Praha, 5. - 7. února 2013*. - Praha : Falon, 2013, s. 86. ISBN 978-80-87432-06-8. VEGA 2/0111/12.
- AFG20 DOVINOVÁ, Ima - KVANDOVÁ, Miroslava - MAJZÚNOVÁ, Miroslava - BARANČÍK, Miroslav. Aberrant redox signaling in hypertension and the effect of a PPAR-gamma agonist treatment on spontaneously hypertensive rats. In *OOC 2015 Oxygen Club of California World Congress "Oxidants and Antioxidants in Biology"*. - Valencia, Spain, 2015, p. 254. APVV-0348-12, VEGA 2/0129/14, MZ SR 2012/51-SAV-1.
- AFG21 DOVINOVÁ, Ima - BARANČÍK, Miroslav - MAJZÚNOVÁ, Miroslava - KVANDOVÁ, Miroslava - ČAČÁNYIOVÁ, Soňa - GREŠOVÁ, Linda - KRÁTKA, Dominika - KRISTEK, František - ZÓRAD, Štefan. Effect of PPAR-gamma agonists treatment on radical and cell signaling, antioxidant response and blood pressure in experimental hypertension. In *14th International Conference on Oxidative Stress Reduction, Redox States & Antioxidants, June 12-13, 2014, Paris, France : Abstracts Book*. - Paris, 2014, p. 36. ISBN 978-2-35609-076-8. APVV-0348-12, VEGA 2/0129/14, MZ SR 2012/51-SAV-1.
- AFG22 DOVINOVÁ, Ima - MAJZÚNOVÁ, Miroslava - GAJDOŠECHOVÁ, Lucia - BARANČÍK, Miroslav - ZÓRAD, Štefan - GREŠOVÁ, Linda - PAKANOVÁ, Zuzana - BALIŠ, Peter - ČAČÁNYIOVÁ, Soňa - KRISTEK, František - CHAN JULIE, Y.H. Modulation of ROS/NO balance, antioxidant response and cell signaling in young prehypertensive rats. In *Free Radical Biology and Medicine*,

2013, vol. 65, suppl. 2, p. S71. (5.271 - IF2012). (2013 - Current Contents). ISSN 0891-5849. SAS-NSC JRP 2010/01.

- AFG23 DOVINOVÁ, Ima - MAJZÚNOVÁ, Miroslava - PAKANOVÁ, Zuzana - ČAČANYIOVÁ, Soňa - ZÓRAD, Štefan - KRISTEK, František. The effect of NOS inhibitors on ROS/NO balance and on antioxidant and detoxication response in young Wistar rats. In *Oxidants and Antioxidants in Biology. Cell Signaling and Nutrient-Gene Interactions : Book of Abstracts*. - Torino, Italy : Edizioni MAF Servizi, 2012, p. 93-94. SAS-NSC JRP 2010/1.
- AFG24 DOVINOVÁ, Ima - MAJZÚNOVÁ, Miroslava - ZÓRAD, Štefan - GAJDOŠECHOVÁ, Lucia - GREŠOVÁ, Linda - ČAČANYIOVÁ, Soňa - KRISTEK, František - BARANČÍK, Miroslav. Vplyv agonistov PPAR γ na radikálovú a bunkovú signalizáciu u hypertenzných zvierat. In *XXVII. xenobiochemické symposium : Pavlov, 27.-30.5.2013*. - [Brno] : [Výzkumný ústav veterinárního lékařství], 2013, s. 20. SAS-NSC JRP 2010/01.
- AFG25 DROBNÁ, Magdaléna - MIŠÁK, Anton - HOLLAND, T. - KRISTEK, František - GRMAN, Marián - WACZULÍKOVÁ, Iveta - BERÉNYIOVÁ, Andrea - ČAČANYIOVÁ, Soňa - ONDRIAS, Karol. Captopril decreased effect of H₂S on rat blood pressure and inhibited H₂S-induced nitric oxide release from S-nitrosoglutathione. In *91. Fyziologické dny : sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 27. ISSN 1801-6103. MZ 2012-51-SAV-1, VEGA 2/0111/10, 2/0019/09.
- AFG26 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Differential response of older adult male and female rat hearts to ischemia-reperfusion injury. In *New Frontiers in Basic Cardiovascular Research 2012 : 10th Meeting of France - New EU Countries. From Basic Cardiovascular Research Towards Effective Therapeutics. Hradec Králové, Czech Republic, June 12-15, 2012*. - Hradec Králové, 2012, p. 51-52. ISBN 978-80-86780-50-4.
- AFG27 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - ČARNICKÁ, Slávka - NEMČEKOVÁ, Martina - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Effect of social stress on cardiac ischemic tolerance in borderline hypertensive male and female rat hearts. In *Cardiologia Hungarica*, 2013, vol. 43, suppl. G, p. G18-19. ISSN 0133-5596. ISMC 2013: VII. International Symposium on Myocardial Cytoprotection: From Basic Science to Clinical Perspectives : 26-28 September, 2013 Pécs, Hungary, Scientific Program and Abstracts.
- AFG28 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Impact of age and gender on response to ischemic preconditioning in rats: differential role of PI3K/Akt pathway. In *Conference and advanced research workshop "Sudden cardiac death & cardioprotection" : programme and abstract book. 6-9 September 2012, Timisoara*. - Timisoara, 2012, p. 73. ISBN 978-606-8054-80-3. VEGA-SR 2/0054/11, APVV-0523-10, APVV-0102-11.

- AFG29 LEDVÉNYIOVÁ-FARKAŠOVÁ, Veronika - BERNÁTOVÁ, Iveta - SLEZÁK, Peter - PÚZSEROVÁ, Angelika - GABLOVSKÝ, Ivan - ČARNICKÁ, Slávka - BARTEKOVÁ, Monika - RAVINGEROVÁ, Táňa. Sex-specific response to ischemia-reperfusion in young hypertensive and normotensive rats exposed to social stress: molecular mechanisms. In *91. Fyziologické dny : sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 73. ISSN 1801-6103. VEGA 2/0201/15, APVV-0523-10, APVV-0102-11.
- AFG30 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Úloha PI3K/Akt dráhy v kardioprotektivnom účinku ischemického preconditioningu v myokarde samcov a samic potkana. In *89. Fyziologické dny : sborník abstraktů. Praha, 5. - 7. února 2013*. - Praha : Falon, 2013, s. 115. ISBN 978-80-87432-06-8. VEGA-SR 2/0054/11, APVV-0523-10, APVV-SK-CZ-0199-11.
- AFG31 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Vplyv pohlavia a veku na účinnosť ischemického preconditioningu v srdci potkana: rozdielna úloha PI3K/Akt dráhy. In *Čtyřicet let Komise experimentální kardiologie: Odkud jsme vyšli a kam směřujeme : 40. pracovní konference Komise experimentální kardiologie při České a slovenské fyziologické společnosti ČLS JEP. Vranovská Ves, 17.-19. 10. 2012*. - Brno : Fyziologický ústav, Lékařská fakulta, Masarykova universita, 2012, s. 18. ISBN 1801-6103. VEGA-SR 2/0054/11, APVV-0523-10, APVV-0102-11.
- AFG32 FILOVÁ, Barbora - MAJZÚNOVÁ, Miroslava - OSTATNÍKOVÁ, Daniela - CELEC, Peter - HODOSY, Július. Behavioral effects of prenatal anti-androgen treatment. In *88. Fyziologické dny : Hradec Králové, 7. - 9. únor 2012*. - Brno : Tribun, 2012, s. 32. ISBN 978-80-263-0210-0.
- AFG33 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - KRIŽÁK, Jakub - OKRUHLICOVÁ, Ľudmila. Štúdium protizápalového účinku omega3-mastných kyselín na expresiu CX43 v aorte. In *91. Fyziologické dny : sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 31. ISSN 1801-6103. VEGA 2/0065/13.
- AFG34 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - WEISMANN, Peter - OKRUHLICOVÁ, Ľudmila. The effect of omega-3 fatty acids on expression of connexin40 in aorta of Wistar and hereditary hypertriglyceridemic rats during inflammation. In *New Frontiers in Basic Cardiovascular Research 2012 : 10th Meeting of France - New EU Countries. From Basic Cardiovascular Research Towards Effective Therapeutics. Hradec Králové, Czech Republic, June 12-15, 2012*. - Hradec Králové, 2012, p. 58-59. ISBN 978-80-86780-50-4. VEGA 2/0108/10.
- AFG35 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - WEISMANN, Peter - OKRUHLICOVÁ, Ľudmila. Účinok podávania omega-3 mastných kyselín po aplikácii endotoxínu na expresiu konexínu 40 v aorte hypertriglyceridemického potkana. In *89. Fyziologické dny : sborník abstraktů. Praha, 5. - 7. února 2013*. - Praha : Falon, 2013, s. 93. ISBN 978-80-87432-06-8. VEGA 2/0065/13.

- AFG36 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - WEISMANN, Peter - OKRUHLICOVÁ, Ľudmila. Vplyv podávania omega-3 mastných kyselín na zmeny exprese Cx40 v aorte potkana vyvolané lipopolysacharidom. In *Čtyřicet let Komise experimentální kardiologie: Odkud jsme vyšli a kam směřujeme : 40. pracovní konference Komise experimentální kardiologie při České a slovenské fyziologické společnosti ČLS JEP. Vranovská Ves, 17.-19. 10. 2012.* - Brno : Fyziologický ústav, Lékařská fakulta, Masarykova universita, 2012, s. 13. ISBN 1801-6103. VEGA 2/0108/10.
- AFG37 GRIECISOVÁ, Lucia - FARKAŠOVÁ, Veronika - KHANDELWAL, V. K. M. - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Zuzana - RAVINGEROVÁ, Táňa. Effect of maturation on the resistance of rat hearts against ischemia. Study of potential molecular mechanisms. In *33rd meeting of the European Section of ISHR, 1-4 July 2015, Bordeaux, France : Abstract Book.* - Bordeaux : Université de Bordeaux, 2015, p. 69. VEGA SR 2/0201/15, APVV-0102-11, APVV-0523-10.
- AFG38 GRIECISOVÁ, Lucia - FARKAŠOVÁ, Veronika - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Zuzana - RAVINGEROVÁ, Táňa. Vplyv dospievania na odpoveď srdca na ischémiu a na účinok klasického a remote-ischemického preconditioningu. In *43. pracovní konference Komise experimentální kardiologie, Hotel Buchlov, Buchlovice, 21.-23. 10. 2015, ČR : Konferenční sborník.* - 2015. ISSN 1801-6103. VEGA SR 2/0201/15, APVV-0102-1.1.
- AFG39 GRIECISOVÁ, Lucia - FARKAŠOVÁ, Veronika - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Z. - RAVINGEROVÁ, Táňa. Vplyv dospievania na odpoveď myokardu na ischémiu a adaptačné procesy v srdci potkana: štúdium molekulárnych mechanizmov. In *91. Fyziologické dny : sborník souhrnů.* - Brno : Fyziologický ústav LF MU, 2015, p. 32. ISSN 1801-6103. VEGA 2/0201/15, APVV-0102-11.
- AFG40 HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. How visual biofeedback magnification affects upright stance. In *Motor Control 2012 - From Theories to Clinical Application : International Scientific Conference. Book of Abstracts.* - 2012, p. 34. VEGA 2/0186/10.
- AFG41 HIRJAKOVÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. Visual and vibrotactile biofeedback for balance improvement in elderly = Zrakový a vibrotaktilný biofeedback pre zlepšenie rovnováhy postoja starších ľudí. In *Movement analysis and its practical application in physiotherapy : sborník abstraktu z mezinárodní konference konané 3.-4.10 v Olomouci.* - Olomouc : Univerzita Palackého v Olomouci, 2014, p. 23. ISBN 978-80-244-4220-4. VEGA 2/0138/13.
- AFG42 HIRJAKOVÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. Visual and vibrotactile biofeedback for balance control in young people. In *Acta Universitatis Palackianae Olomucensis. Gymnica : Book of*

the Abstracts of 7th International Conference Movement and Health 20104 and HBSC Spring Meeting: Olomouc 2014, 2014, vol. 43, suppl. 1, p. 59. ISSN 1212-1185. VEGA 2/0138/13, 1/0373/14.

- AFG43 HIRJAKOVÁ, Zuzana - LOBOTKOVÁ, Jana - HLAVAČKA, František. Visual biofeedback magnification for stance control in young and elderly. In *Proceedings. Fundamental and Applied Kinesiology - Steps Forward. 7th International Scientific Conference on Kinesiology, Opatija, Croatia, May 22 -25, 2014*. - Zagreb : University of Zagreb, 2014, p. 230. ISBN 978-953-317-027-5. VEGA 2/0138/13, VEGA 1/0373/14.
- AFG44 HORVÁTHOVÁ, Martina - KRALOVIČOVÁ, Zuzana - MUCHOVÁ, Jana - LAUBERTOVIČOVÁ, Lucia - ŽITŇANOVÁ, Zdenka - BERNÁTOVÁ, Iveta - ŽITŇANOVÁ, Ingrid. Effect of genetic predisposition and social stress on oxidative stress in young rats. In *Redox Regulation in Health and Disease. Programme & Abstracts : a Biochemical Society Focused Meeting - a celebration of 50 years of the Keilin Memorial Lecture*. - Edinburgh, 2014, p. 26. VEGA 2/0084/10, APVV 0523-10.
- AFG45 CHYLOVÁ, Martina - NAGYOVÁ, I. - DRAGAŠEK, Jozef - VIRČÍK, Matúš - MIGAL, Lukáš - ROVNÝ, Rastislav - ROHÁRIKOVÁ, Veronika - RIEČANSKÝ, Igor. Škála na hodnotenie schizotypovej osobnosti SPQ: pilotný výskum slovenského prekladu. In *Konferencia Psychologická diagnostika Brno, 22. -23.října 2015*. - Brno : Fakulta sociálních studií MU, 2015, s. 28. VEGA 2/0080/13, 2/0093/14 a MZ SR 2012/52-SAV-2.
- AFG46 JAGLA, Fedor. Functional brain asymmetry and eye movement control. In *Activitas Nervosa Superior Rediviva*, 2014, vol. 56, n. 1-2, p. 40-41. ISSN 1337-933X ISSN 1338-4015. VEGA 2/0173/11.
- AFG47 JAGLA, Fedor. How to assess the possible effects of biologically active substances mediated via higher brain regulatory mechanisms? In *Nutrition Winterschool 2014. Gut wellbeing - Expanding the Horizon, January 27th - January 30th 2014, Ylläs, Finland*. - University of Helsinki, Finland, 2014, p. 39.
- AFG48 JAGLA, Fedor - PECHÁŇOVÁ, Olga. Polyfenoly a kognitívny úpadok v starobe. In *20. konference patologické a klinické fyziologie s mezinárodní účastí, Plzeň 22. -24.9. 2015 : sborník abstrakt*. - Plzeň, 2015, s. 21. ISBN 978-80-260-7934-7.
- AFG49 JAGLA, Fedor. Sensorimotor integration in health and disease. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program*. - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 27. ISBN 978-86-904799-6-2.
- AFG50 JAGLA, Fedor. Subjective and objective factors influencing the eye movement execution. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings*. - Rabat, Morocco, 2014, p. 55.

- AFG51 JARIABKOVÁ, Katarína - ŠPAJDEL, Marián - PÁPAYOVÁ, Mariana - TIMÁROVÁ, Gabriela. Verbal and nonverbal auditory processing in patients with temporal lobe epilepsy : [abstract; International C.I.A.N.S. Conference 2014 March 28-30, 2014, Venice, Italy]. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2014, vol. 56, no. 1-2, p. 43. ISSN 1337-933X. Projekt VEGA č. 1/0829/13.
- AFG52 KATINA, Stanislav - RIEČANSKÝ, Igor. Visualisation and spatiotemporal smoothing of single trial EEG data. In *33rd Annual Conference of the International Society for Clinical Biostatistics : programme & abstract book*. - 2012, p. 97-98.
- AFG53 KAZIMIEROVA, Ivana - JOŠKOVÁ, Marta - PECHÁŇOVÁ, Oľga - ŠUTOVSKÁ, Martina - FRAŇOVÁ, Soňa. Polyphenolic compounds and experimentally induced allergic asthma. In *Biomedical Papers*, 2013, vol.157, suppl. 1, p. S3-S4. (0.990 - IF2012). ISSN 1213-8118. Centre of Experimental and Clinical Respiriology II, VEGA 1/0030/11.
- AFG54 PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Effects of melatonin in the cerebellum of rats with metabolic syndrome. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program*. - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 33. ISBN 978-86-904799-6-2. APVV-0538-07, APVV-0742-10, SK-SRB-0038-11, VEGA 2/0190/11, 2/0178/09.
- AFG55 PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Effects of melatonin in the cerebellum and brain cortex of rats with metabolic syndrome. In *Nutrition Winterschool 2014. Gut wellbeing - Expanding the Horizon, January 27th - January 30th 2014, Ylläs, Finland*. - University of Helsinki, Finland, 2014, p. 51-52. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, 2/0178/09.
- AFG56 KRALOVIČOVÁ, Zuzana - LAUBERTO VÁ, Lucia - ONDREJOVIČOVÁ, Iveta - MUCHOVÁ, Jana - ĎURAČKOVÁ, Zdenka - BERNÁTOVÁ, Iveta - ANDREZÁLOVÁ, Lucia - ŽITŇANOVÁ, Ingrid. Vplyv hypertenzie na oxidačný stres u jedincov vystavených sociálnemu stresu. In *XXIII.biochemický sjezd České společnosti pro biochemii a molekulární biologii a Slovenskej spoločnosti pre biochemiu a molekulárnu biológiu. Sborník přednášek a posteru, program*. - Brno : JPM, 2012, s. 141. ISBN 978-80-86313-34-4.
- AFG57 KRÁTKA, Dominika - KVANDO VÁ, Miroslava - BARANČÍK, Miroslav - DOVINOVÁ, Ima. The effect of doxorubicin on development of pathological changes in cardiovascular system and additional impact of quercetin. In *Hypertonie und praventio n, 38. Wissenschaftlicher Kongress der Deutschen Hochdruckliga e. V. DHL - Deutschen Gesellschaft fur Hypertonie und Praventio n in Berlin, 11,-13. dezember 2014*. - Berlin, 2014, p. 77.
- AFG58 KRISTEK, František - MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. Different effects of 7-nitroindazole and L-NAME administered individually and/or together on cardiovascular system of adult Wistar rats. In *Artery 13. Submitted*

Abstracts : 17th - 19th October 2013, The Mermaid Conference and Events Centre, London, UK. - London, UK, 2013, p. P4.09.

- AFG59 KRISTEK, František - MÁLEKOVÁ, Magdaléna - ČAČANYIOVÁ, Soňa. Different effect of chronic neuronal NO synthase inhibition on coronary artery of Wistar rats and SHR. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program*. - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 55. ISBN 978-86-904799-6-2. VEGA 2/0067/13, 2/0019/13, MZ 2012-51-SAV-1.
- AFG60 KRIŽÁK, Jakub - FRIMMEL, Karel - DURDIAKOVÁ, J. - BREIEROVÁ, Emília - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ludmila. The affectation of endothelial occludin expression by carotenoids per inflammation. In *CEITEC PhD Retreat : Valtice, 23-24 April 2015. Book of abstracts*. - Brno : Masaryk University, 2015, s. 59. ISBN 978-80-210-7825-3. VEGA 2/0065/13.
- AFG61 KRIŽÁK, Jakub - FRIMMEL, Karel - KAVECKÁ, M. - BREIEROVÁ, Emília - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ludmila. Účinok karotenoidov kvasinkovej biomasy na okludín tesných spojení endotelu aorty v podmienkach zápalu. In *Stračina, Tibor - Nováková Marie (eds.) 91. Fyziologické dny : Sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 63. ISSN 1801-6103. VEGA 2/0065/13.
- AFG62 LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína. Postural adjustments in gait initiation detected by inertial sensors. In *Proceedings. Fundamental and Applied Kinesiology - Steps Forward. 7th International Scientific Conference on Kinesiology, Opatija, Croatia, May 22 -25, 2014*. - Zagreb : University of Zagreb, 2014, p. 233. ISBN 978-953-317-027-5. VEGA 2/0138/13, VEGA 1/0373/14.
- AFG63 LOBOTKOVÁ, Jana - HALICKÁ, Zuzana - BUČKOVÁ, Kristína - HLAVAČKA, František. Step initiation: characteristics from accelerometry and camera motion capture system. In *Motor Control 2012 - From Theories to Clinical Application : International Scientific Conference. Book of Abstracts*. - 2012, p. 48. VEGA 2/0186/10.
- AFG64 LUKÁČ, Štefan - PÚZSEROVÁ, Angelika - MUCHOVÁ, Jana. Epikatechínom indukované zmeny v modeli experimentálnej hypertenzie. In *Vnitřní lékařství : časopis České internistické společnosti a Slovenskej internistickej spoločnosti. XXXIV. dny mladých internistů, Olomouc, 4. -5.6. 2015*, 2015, roč. 61, č. 6 supplementum 2, s. 2S16. ISSN 0042-733X.
- AFG65 MÁJEKOVÁ, Magdaléna - ŠTEFEK, Milan - ŠOLTÉSOVÁ PRNOVÁ, Marta - MILÁČKOVÁ, Ivana - BALLEKOVÁ, Jana - GÁSPÁROVÁ, Zdenka - JANEKA, Pavol - MÁJEK, Pavol. Bioactivity parameters of indole-type compounds and their relevance to treatment of neurological diseases. In *Xjenza online : the Journal of the Malta Chamber of Scientists*, 2013, vol. 1, iss. 2, p. 104. COST CM1103, VEGA 2/0067/11, VEGA 2/0048/11, VEGA 2/0030/11.

- AFG66 MAJZÚNOVÁ, Miroslava - PAKANOVÁ, Zuzana - ŠESTÁKOVÁ, Natália - BALIŠ, Peter - MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa - KRISTEK, František - DOVINOVÁ, Ima. Changes in ROS/NO balance in left ventricle of young Wistar rat heart after treatment with NOS inhibition. In *Joint FEPS & Spanish physiological society scientific congress 2012 : Santiago de Compostela (Spain), September 8 - 11, 2012. Congres venue: School of Medicine*. - Santiago de Compostela : School of Medicine, 2012, Poster 13. SAS-NSC JRP 2010/1.
- AFG67 MAJZÚNOVÁ, Miroslava - PAKANOVÁ, Zuzana - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa - KRISTEK, František - DOVINOVÁ, Ima. Účinok inhibítorov NO-syntázy na rovnováhu RFK/NO a na antioxidačnú a detoxifikačnú odpoveď u Wistar potkanov. In *XXVII. xenobiochemické symposium : Pavlov, 27.-30.5.2013*. - [Brno] : [Výzkumný ústav veterinárního lékařství], 2013, s. 57. SAS-NSC-JRP 2010/1.
- AFG68 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - KOVÁČSOVÁ, Mária - BARTA, Andrej - PECHÁŇOVÁ, Oľga. Age-dependent changes of nitric oxide generation in experimental metabolic syndrome. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program*. - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 38. ISBN 978-86-904799-6-2. APVV-0538-07, APVV-0742-10, SK-SRB-0038-11, VEGA 2/0190/11, 2/0178/09.
- AFG69 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - KOVÁČSOVÁ, Mária - BARTA, Andrej - DOVINOVÁ, Ima - REHÁKOVÁ, Radoslava - PECHÁŇOVÁ, Oľga. Melatonin effect on NO and ROS generation in the kidney. In *Nutrition Winterschool 2014. Gut wellbeing - Expanding the Horizon, January 27th - January 30th 2014, Ylläs, Finland*. - University of Helsinki, Finland, 2014, p. 52-53. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, 2/0178/09.
- AFG70 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina - BARTA, Andrej - MURÍNOVÁ, Jana - RIEČANSKÝ, Igor - PECHÁŇOVÁ, Oľga. Social-isolation weaning down-regulates neuronal NOS in cerebellum. In *91. Fyziologické dny : sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 79. ISSN 1801-6103. APVV-0742-10, VEGA 2/0183/12, 2/0144/14, 2/0093/14, 2/0080/13.
- AFG71 MOKOŠÁKOVÁ, Miroslava - KRŠKOVÁ, Lucia - HLAVAČKA, František - ZEMAN, Michal. Diurnálne zmeny posturálnej stability žien. In *91. Fyziologické dny : sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 84. ISSN 1801-6103. VEGA 2/0107/12, 2/0138/13, APVV-0291/12.
- AFG72 NAGIBIN, V. - EGAN BEŇOVÁ, Tamara - VICZENCZOVÁ, Csilla - RADOŠINSKÁ, Jana - KNEZL, Vladimír - DOVINOVÁ, Ima - BARANČÍK, Miroslav - TRIBULOVÁ, Narcis. Age-related differences in myocardial connexin-43 and susceptibility of the guinea pig heart to atrial fibrillo-flutter in experimental conditions. In *89. Fyziologické dny : sborník abstraktů. Praha, 5. - 7. února 2013*. - Praha : Falon, 2013, s. 127. ISBN 978-80-87432-06-8. VEGA 2/0046/12, APVV SK-CZ-0027-11, JRP SAS-NSC 2010/01.

- AFG73 ONDRIAŠ, Karol - MÁLEKOVÁ, Ľubica - TOMÁŠOVÁ, Lenka - KRISTEK, František - WOOD, M.E. - WHITEMAN, Mathew. Effects of H₂S-donors on membrane channels. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program.* - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 23. ISBN 978-86-904799-6-2. UK/572/2013, VEGA 2/0050/13.
- AFG74 ONDRIAŠ, Karol - KRISTEK, František - STAŠKO, Andrej - BERÉNYIOVÁ, Andrea - GRMAN, Marián. Products of the H₂S-nitrosoglutathione interaction modulate blood pressure, relax rat aortic rings and scavenge free radicals. In *91. Fyziologické dny : sborník souhrnů.* - Brno : Fyziologický ústav LF MU, 2015, p. 89. ISSN 1801-6103. VEGA 2/0050/13.
- AFG75 PAULIS, Ľudovít. Novel therapeutic targets in the raas. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program.* - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 39. ISBN 978-86-904799-6-2. VEGA 1/0831/11, APVV-0205-11.
- AFG76 PAVLOVIČOVÁ, Michaela - TOMÁŠOVÁ, Lenka - LACINOVÁ, Ľubica - KRISTEK, František - WHITEMAN, Mathew - ONDRIAŠ, Karol. Contribution of the voltage dependent calcium channels to cardiovascular effects of H₂S donor AP39. In *91. Fyziologické dny : sborník souhrnů.* - Brno : Fyziologický ústav LF MU, 2015, p. 95. ISSN 1801-6103. VEGA 2/0019/15.
- AFG77 PECHÁŇOVÁ, Oľga. CNS effects of antihypertensive drugs on hypertensin and motor activity. In *Activitas Nervosa Superior Rediviva*, 2014, vol. 56, n. 1-2, p. 44-45. ISSN 1337-933X ISSN 1338-4015. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, 2/0178/09.
- AFG78 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - BARTA, Andrej - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - KOVÁCSOVÁ, Mária - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina. CNS effects of angiotensin converting enzyme inhibitor, captopril in hypertension treatment. In *54th International Neuropsychiatric Pula Congress : Abstract Book.* - Zagreb, Croatia, 2014, p. 18. VEGA 2/0183/12, 2/0144/14; APVV-0742-10.
- AFG79 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - BARTA, Andrej - PAROHOVÁ, Jana - MATÚŠKOVÁ, Zuzana - CEBOVÁ, Martina - KOVÁCSOVÁ, Mária. Hypertension within the cluster of metabolic syndrome: Experimental study. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program.* - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 40. ISBN 978-86-904799-6-2. APVV-0538-07, APVV-0742-10, SK-SRB-0038-11, VEGA 2/0190/11, 2/0178/09.
- AFG80 PECHÁŇOVÁ, Oľga - BARTA, Andrej - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina. Protective effect of nanoparticle-loaded aliskiren on tissue structure in spontaneously hypertensive rats. In *3rd Latin America Congress on Controversies to Consensus in Diabetes and Hypertension, 13 - 16 March 2014, Panama City : Proceedings.* - Panama, 2014, p. 32.

- AFG81 PECHÁŇOVÁ, Oľga - BARTA, Andrej - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina. Protective effect of nanoparticle-loaded aliskiren on structure of aorta in spontaneously hypertensive rats. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings*. - Rabat, Morocco, 2014, p. 29. VEGA 2/0183/12, 2/0144/14; APVV-0742-10.
- AFG82 PECHÁŇOVÁ, Oľga. Red wine polyphenols: beneficial effects in the cardiovascular and renal systems. In *VI International Conference on Polyphenols and Health*. - Buenos Aires, Argentina, 2013, p. 22. VEGA 2/0190/11, VEGA 2/0183/12 APVV-0742-10.
- AFG83 PECHÁŇOVÁ, Oľga - KOVÁCSOVÁ, Mária - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina. The effects of alibernet red wine extract on nitric oxide and reactive oxygen species production in spontaneously hypertensive rats. In *General Program and Abstracts : 4th International Symposium on Pharmacology of Natural Products, September 21-25, 2015, Trinidad, Cuba*. - Trinidad, 2015, p. 74-75. ISBN 978-959-306-148-3. Názov z obrazovky. Požaduje sa Acrobat Reader. Dostupné na internete: <www.fapronaturacuba.com>.
- AFG84 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - BARTA, Andrej - CEBOVÁ, Martina - MATÚŠKOVÁ, Zuzana - KOVÁCSOVÁ, Mária - REHÁKOVÁ, Radoslava. The effect of nuclear factor kappa B inhibition on cardiovascular remodelling in experimental hypertension. In *III Simposio Medicina de la Conservación : 9,10 y 11 de Octubre, 2013, Santiago, Chile*. - Santiago : Universidad Andrés Bello, 2013, p. 17. APVV-0538-07, APVV-0742-10, SK-SRB-0038-11, VEGA 2/0190/11, 2/0178/09.
- AFG85 PÚZSEROVÁ, Angelika - SLEZÁK, Peter - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - BERNÁTOVÁ, Iveta. Endothelial dysfunction in femoral artery in the experimental model of prehypertension is nitric oxide independent. In *World Hypertension Congress 2013. Istanbul, Turkey, June 27 to 30, 2013*. - Istanbul, Turkey, 2013, abstract No: P-50. APVV-0523-10, VEGA 2/0084/10.
- AFG86 PÚZSEROVÁ, Angelika - BALIŠ, Peter - SLEZÁK, Peter - SÁRKOZIOVÁ, Nad'a - KLUKNAVSKÝ, Michal - BERNÁTOVÁ, Iveta. Sex differences in the endothelial function of the femoral artery in young normotensive, borderline- and spontaneously hypertensive rats. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings*. - Rabat, Morocco, 2014, p. 119. APVV-0523-10, VEGA 2/0084/14.
- AFG87 PÚZSEROVÁ, Angelika - ANDRIANTSITOHAINA, Ramaroson - BERNÁTOVÁ, Iveta. The effect of red wine polyphenols on endothelial function and oxidative stress in borderline hypertensive rats. In *VI International Conference on Polyphenols and Health*. - Buenos Aires, Argentina, 2013, p. 79. APVV-0523-10, VEGA 2/0084/10.

- AFG88 REHÁKOVÁ, Radoslava - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - BARTA, Andrej - CEBOVÁ, Martina - PECHÁŇOVÁ, Oľga. Effect of fructose treatment on nitric oxide production in normotensive and hypertensive rats. In *91. Fyziologické dny : zborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 103. ISSN 1801-6103. APVV-0742-10, VEGA 2/0183/12, 2/0144/14.
- AFG89 REHÁKOVÁ, Radoslava. Effect of fructose treatment on nitric oxide and ROS production in normotensive and hypertensive rats. In *Training Course on Redox Biology in Health and Disease, Alicante, Spain, 2-8th October 2015*. - Alicante, 2015, p. 92. APVV-0742-10, VEGA 2/0183/12, 2/0144/14.
- AFG90 RIEČANSKÝ, Igor - MURÍNOVÁ, Jana. Animálne modely vo výskume psychických porúch. In *20. konferencia patologické a klinické fyziologie s mezinárodní účastí, Plzeň 22. -24.9. 2015 : zborník abstrakt*. - Plzeň, 2015, s. 46. ISBN 978-80-260-7934-7. MZ SR 2012/52-SAV-2; VEGA 2/0080/13, 2/0093/14, 2/0165/15; APVV-14-0840.
- AFG91 RIEČANSKÝ, Igor. Event related potential signatures of visual working memory. In *Book of Abstracts : the 15th European Congress on Clinical Neurophysiology, 62. společný sjezd české a slovenské společnosti pro klinickou neurofyziologii, Sept 30 - Oct 3, 2015, Brno, Czech Republic*. - Brno, 2015, p. 282. VEGA 2/0080/13 and 2/0093/14.
- AFG92 RIEČANSKÝ, Igor - PAUL, Nina - KÖLBLE, Sarah - STIEGER, Stefan - LAMM, Claus. In-group bias in sensorimotor resonance during observation of pain in others. In *11. Tagung der Österreichischen Gesellschaft für Psychologie : 24.-26. April 2014*. - Universität Wien, 2014, p. 22.
- AFG93 RIEČANSKÝ, Igor - PAUL, Nina - KÖLBLE, Sarah - STIEGER, Stefan - LAMM, Claus. Modulation of sensorimotor oscillations during observation of pain in others. In *Book of Abstracts : the 15th European Congress on Clinical Neurophysiology, 62. společný sjezd české a slovenské společnosti pro klinickou neurofyziologii, Sept 30 - Oct 3, 2015, Brno, Czech Republic*. - Brno, 2015, p. 357. WWTF (projects CS11-005 and CS11-011), VEGA (projects 2/0080/13 and 2/0093/14), and University of Vienna (student research grants).
- AFG94 RIEČANSKÝ, Igor - ROVNÝ, Rastislav - ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - CIMROVÁ, Barbora - BENDŽALA, Štefan - REPISKÁ, G. - KATINA, Stanislav - MINÁRIK, G. Súvislosť medzi genotypom neuronálnej syntázy oxidu dusnatého a senzorimotorickým gatingom. In *Česká a slovenská psychiatrie : časopis České psychiatrické společnosti a Slovenskej psychiatrickej spoločnosti*, 2015, roč. 111, č. 5, s. 268. ISSN 1212-0383. MZ SR 2012/52-SAV-2, VEGA 2/0080/13, 2/0093/14 a SPsS SLS.
- AFG95 RIEČANSKÝ, Igor - HALLER, Bettina - LAMM, Claus. The effect of repetitive transcranial magnetic stimulation on visually-guided decisions. In *TeaP 2013 : Abstracts of the 55th Conference of Experimental Psychologists*. - Germany, 2013, p. 229. ISBN 978-3-89967-852-9.

- AFG96 ROHÁRIKOVÁ, Veronika. Can wisdom and its dimensions affect mental health? In *Activitas Nervosa Superior Rediviva*, 2014, vol. 56, n. 1-2, p. 46. ISSN 1337-933X ISSN 1338-4015. VEGA 2/0173/11.
- AFG97 ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - ROVNÝ, Rastislav - SIEGL, C. - REPISKÁ, G. - MINÁRIK, G. - RIEČANSKÝ, Igor. Variability in the NOS1 gene and the effectivity of sensorimotor gating in humans. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings.* - Rabat, Morocco, 2014, p. 80.
- AFG98 ROVNÝ, Rastislav - ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - CIMROVÁ, Barbora - REPISKÁ, G. - MINÁRIK, G. - RIEČANSKÝ, Igor. Senzorimotorický gating súvisí s genotypom neuronálnej syntázy oxidu dusnatého. In *20. konferencie patologické a klinické fyziologie s mezinárodní účastí, Plzeň 22. -24.9. 2015 : sborník abstrakt.* - Plzeň, 2015, s. 48. ISBN 978-80-260-7934-7. MZ SR 2012/52-SAV-2, VEGA 2/0080/13, 2/0093/14; APVV-14-0840.
- AFG99 SOTNÍKOVÁ, Ružena - PÚZSEROVÁ, Angelika - SLEZÁK, Peter - BALIŠ, Peter - MAJZÚNOVÁ, Miroslava - DOVINOVÁ, Ima - BERNÁTOVÁ, Iveta. Effect of social stress on the reactivity of the aorta of young female rats with different predisposition to hypertension. In *Biomedical Papers*, 2013, vol.157, suppl. 1, p. S42. (0.990 - IF2012). ISSN 1213-8118. APVV-0523-10, VEGA 2/0084/10, VEGA 2/0086/08.
- AFG100 SOTNÍKOVÁ, Ružena - PÚZSEROVÁ, Angelika - SLEZÁK, Peter - BALIŠ, Peter - MAJZÚNOVÁ, Miroslava - DOVINOVÁ, Ima - BERNÁTOVÁ, Iveta. Has crowding stress a negative impact on the circulatory system of young hypertensive female rats? In *Military medical science letters : (Vojenské zdravotnické listy)*, 2013, vol. 82, suppl. 1, p. 32. ISSN 0372-7025. VEGA 2/0084/10, VEGA 2/0086/08, APVV-0523-10.
- AFG101 SZEIFFOVÁ BAČOVÁ, Barbara - VICZENCZOVÁ, Csilla - BEŇOVÁ, Tamara - TRIBULOVÁ, Narcis - BERNÁTOVÁ, Iveta - VAN ROOYEN, Jacques - KATENGUA THAMAHANE, E. Effect of red palm oil on myocardial antioxidant enzymes and nitric oxide production in spontaneously hypertensive rats. In *91. Fyziologické dny : sborník souhrnů.* - Brno : Fyziologický ústav LF MU, 2015, s. 112. ISSN 1801-6103. VEGA 2/0046/12.
- AFG102 TOMÁŠOVÁ, Lenka - KRISTEK, František - WOOD, M.E. - WHITEMAN, Mathew - ONDRIAS, Karol. Effects of fast Na₂S and novel slow H₂S donors, AP39 and AP67, on rat hemodynamic parameters. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program.* - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 49. ISBN 978-86-904799-6-2. APVV-0074-11, UK/572/2013.
- AFG103 TÖRÖK, Jozef. Aký má význam výučba patofyziológie pre študentov biologického zamerania na prírodovedeckej fakulte? In *20. konferencie patologické a klinické fyziologie s mezinárodní účastí, Plzeň 22. -24.9. 2015 : sborník abstrakt.* - Plzeň, 2015, s. 52. ISBN 978-80-260-7934-7.

- AFG104 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - BARTA, Andrej - KOVÁCSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Cardiovascular effects of aliskiren in rats with experimental hypertension. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program*. - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 59. ISBN 978-86-904799-6-2. VEGA 2/0183/13, 2/0188/13.
- AFG105 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna. Modulation of vascular function by perivascular adipose tissue in normotensive and hypertensive rats. In *91. Fyziologické dny : sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 121. ISSN 1801-6103. VEGA 2/0188/14.
- AFG106 VLKOVIČOVÁ, Jana - JENDRUCHOVÁ, Veronika - MÉZEŠOVÁ, Lucia - KALOČAYOVÁ, Barbora - PECHÁŇOVÁ, Oľga - VRBJAR, Norbert. Pohlavné rozdiely v regulácii transportu sodíka z buniek v srdci SHR potkanov. In *Čtyřicet let Komise experimentální kardiologie: Odkud jsme vyšli a kam směřujeme : 40. pracovní konference Komise experimentální kardiologie při České a slovenské fyziologické společnosti ČLS JEP. Vranovská Ves, 17.-19. 10. 2012*. - Brno : Fyziologický ústav, Lékařská fakulta, Masarykova universita, 2012, s. 35. ISBN 1801-6103. VEGA 2/0115/10.
- AFG107 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Altered contractile properties of conduit arteries in rats with fructose-induced metabolic syndrome. In *91. Fyziologické dny : sborník souhrnů*. - Brno : Fyziologický ústav LF MU, 2015, p. 134. ISSN 1801-6103. VEGA 2/0188/14.
- AFG108 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef - TABAČEKOVÁ, Marcela. Effect of long-term treatment with quercetin on blood pressure and arterial reactivity in L-NAME-induced hypertension. In *New Frontiers in Physiological Research - From Scientific Truth Via Friendship to the Art : abstract book with final program*. - Beograd : Društvo fiziologa Republike Srbije, 2013, p. 51. ISBN 978-86-904799-6-2. VEGA 02/0188/13.
- AFG109 ZIVKOVIC, Vladimir - JAKOVLJEVIC, V. - SREJOVIC, Ivan - BARUDZIC, Nevena - DJURIC, Dragan M. - BARTA, Andrej - BALIŠ, Peter - PECHÁŇOVÁ, Oľga. The effects of aliskiren on cardiodynamics and coronary flow in isolated hypertensive rat heart. In *7th International Congress of Pathophysiology, 4-7 September 2014, Rabat, Morocco : Program & Proceedings*. - Rabat, Morocco, 2014, p. 31.

AFH Abstracts of papers from domestic conferences

- AFH01 BARANČÍK, Miroslav - BARTEKOVÁ, Monika - FOGARASSYOVÁ, Mária - ŠIMONČÍKOVÁ, Petra - IVANOVÁ, Monika - DOVINOVA, Ima. Quercetin improves postischemic recovery of heart function in doxorubicin-treated rats and prevents doxorubicin-induced matrix metalloproteinases activation and apoptosis induction. In *XXVIII. Xenobiochemické sympórium, Kremnica, 17. -19. 6. 2015 : program & abstrakty*. - Bratislava : SAV, STU, 2015, s. 14. ISBN 978-80-970164-7-0. VEGA 2/0140/12; 2/0108/15; APVV-0348-12.

- AFH02 BARBOLYAS, B. - CHRENOVÁ, Jana - BUČKOVÁ, Kristína - ČEKAN, M. - HUČKO, B. - DEDÍK, L. Postural system adaptation to Achilles tendon vibration stimuli - the pilot study. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 20. ISBN 978-80-971699-2-3. VEGA 2/0138/13 and 1/0604/15, Grant for support of PhD student 2015 of the STU (No. 1338) and the Philanthropic fund of Studio 727 Bratislava.
- AFH03 BIZOVSKA, L. - SVOBODA, Zdeněk - HIRJAKOVÁ, Zuzana - JANURA, M. Dynamic stability assessment during overground and treadmill walking. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 21. ISBN 978-80-971699-2-3. Czech Science Foundation grant no. 15-13980S.
- AFH04 BUČKOVÁ, Kristína - LOBOTKOVÁ, Jana - HIRJAKOVÁ, Zuzana - HLAVAČKA, František. Body weight contribution in gait initiation - crossing an obstacle. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 25. ISBN 978-80-971699-2-3. VEGA 2/0138/13.
- AFH05 FRIMMEL, Karel - KRIŽÁK, Jakub - BREIEROVÁ, Emília - LIPTÁK, Boris - NAVAROVÁ, Jana - KNEZL, Vladimír - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. Effect of carotenoids on Cx40 and Cx43 expression in left ventricle of normotensive rats during inflammation. In *Advances in Cardiovascular Research : from the bench to the patient's bed. Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 27. ISBN 978-80-224-1452-4. VEGA 2/0065/13.
- AFH06 FRIMMEL, Karel - KRIŽÁK, Jakub - LIPTÁK, Boris - KNEZL, Vladimír - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. Vplyv lipopolysacharidu na expresiu konexínu Cx40 v ľavej komore srdca Wistar potkanov. In *Cardiology Letters*, 2015, vol. 24, suppl. 1, p. 15S. ISSN 1338-3655. XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava : abstrakty prednášok a posterov. VEGA 2/0065/13.
- AFH07 GRIECISOVÁ, Lucia - FARKAŠOVÁ, Veronika - KHANDELWAL, V. K. M. - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Zuzana - RAVINGEROVÁ, Táňa. Maturation-related changes in response to ischemia-reperfusion injury and adaptation in male rat hearts: study of potential molecular mechanisms. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 70. ISBN 978-80-224-1452-4. VEGA 2/0201/15, APVV-0102-11, APVV-0523-10.
- AFH08 GRIECISOVÁ, Lucia - FARKAŠOVÁ, Veronika - KHANDELWAL, V. K. M. - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Zuzana -

RAVINGEROVÁ, Táňa. Vplyv dospievania na odpoveď myokardu na ischemicko-reperfúzne poškodenie a na adaptačné procesy v srdci potkana: štúdium molekulárnych mechanizmov. In *Cardiology Letters*, 2015, vol. 24, suppl. 1, p. 16S. ISSN 1338-3655. XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava : abstrakty prednášok a posterov. VEGA 2/0201/15, APVV-0102-11.

AFH09 GRIECISOVÁ, Lucia - FARKAŠOVÁ, Veronika - KHANDELWAL, V. K. M. - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Zuzana - RAVINGEROVÁ, Táňa. Vplyv dospievania na odpoveď myokardu na ischemiu a na adaptačné procesy v srdci potkana: štúdium molekulárnych mechanizmov. In *Interaktívna konferencia mladých vedcov 2015 : book of abstracts*. - Banská Bystrica : Občianske združenie Preveda, 2015, abstrakt č. 1202. ISBN 978-80-970712-8-8. VEGA SR 2/0201/15, APVV-0102-11, APVV-0523-10.

AFH10 GRMAN, Marián - CORTESE-KROTT, Miriam M. - FEELISCH, Martin - NAGY, Péter - BERÉNYIOVÁ, Andrea - ČAČÁNYIOVÁ, Soňa - ONDRIAS, Karol. Reakčný mechanizmus a biologické účinky produktov interakcie H₂S s S nitrózotiolmi. In *Drobnicov memoriál 8. ročník, Podsuchá, 23.-25. september 2015 : zborník príspevkov a program*. - Bratislava : Ústav molekulárnej fyziológie a genetiky, Slovenská akadémia vied, 2015, s. 14-15. ISBN 978-80-970164-8-7.

AFH11 HIRJAKOVÁ, Zuzana - NEUMANNOVÁ, K. - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. Breathing changes associated with postural improvement due to visual biofeedback. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 44. ISBN 978-80-971699-2-3. VEGA 0/0138/13, 1/0373/14 and Post-up-registration No. CZ.1.07/2.3.00/30.0004.

AFH12 HLAVAČKA, František. Senzorická regulácia postoja a chôdze - objektivizácia diagnostiky porúch a metódy rehabilitácie. In *Odborný seminár k otvoreniu Univerzitného vedeckého parku pre biomedicínu Bratislava : zborník abstraktov*. - Bratislava : SAV, 2015, s. 18. SR č. 2012/51-SAV-1.

AFH13 JAGLA, Fedor - BUDÁČ, Stanislav - BENDŽALA, Štefan - RIEČANSKÝ, Igor. Skryté zameranie zrakovej pozornosti a pohyby očí. In *Rozhodovanie v živote človeka. Psychologické dni 2015, Piešťany : program konferencie a kniha abstraktov*. - Výbor Slovenskej psychologickéj spoločnosti pri SAV, 2015, s. 16. ISBN 978-80-8127-129-8. VEGA 2/0080/13 a 2/0093/14.

AFH14 KAPRINAY, Barbara - SOTNÍKOVÁ, Ružena - LIPTÁK, Boris - KNEZL, Vladimír - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - FRIMMEL, Karel - KRIŽÁK, Jakub - OKRUHLICOVÁ, Ľudmila. Detrimental effect of LPS-induced inflammation on the rat heart and vessel function. In *Advances in Cardiovascular Research : from the bench to the patient's bed. Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 76. ISBN 978-80-224-1452-4. VEGA 2/0065/13, 2/0054/15.

- AFH15 KAPRINAY, Barbara - SOTNÍKOVÁ, Ružena - BERNÁTOVÁ, Iveta. Influence of social stress on reactivity of the rat aorta. In *IV. Miniconference of PhD. students 2015 : abstract booklet*. - Bratislava : Institute of Experimental Pharmacology and Toxicology SAS, 2015, non pag. APVV-0523-10.
- AFH16 KRIŽÁK, Jakub - FRIMMEL, Karel - DURDIAKOVÁ, J. - BREIEROVÁ, Emília - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. Can carotenoids affect aortic endothelial occludin expression during inflammation? In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 78. ISBN 978-80-224-1452-4. VEGA 2/0065/13.
- AFH17 KUCHARIK, M. - ŠALING, Marián - PUCIK, J. - LUKAC, T. Postural reactions to visual scene movements in elderly patients with instability and dementia. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 57. ISBN 978-80-971699-2-3.
- AFH18 LENČ, Tomáš - ŠPAJDEL, Marián - CIMROVÁ, Barbora. Vnímanie rytmu u detí s dyslexiou: pilotná štúdia na slovenskej populácii. In *Rozhodovanie v živote človeka. Psychologické dni 2015, Piešťany : program konferencie a kniha abstraktov*. - Výbor Slovenskej psychologickéj spoločnosti pri SAV, 2015, s. 20-21. ISBN 978-80-8127-129-8.
- AFH19 LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HIRJAKOVÁ, Zuzana - HLAVAČKA, František. Anticipatory postural adjustments affected by the sensory manipulation in young and elderly subjects. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 45. ISBN 978-80-971699-2-3. VEGA 2/0138/13 and 1/0373/14.
- AFH20 LUKAC, T. - ŠALING, Marián - PUCIK, J. - KUCHARIK, M. - ONDRACEK, O. Oculus Rift - an alternative of projection screen for visual stimulation. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 61. ISBN 978-80-971699-2-3. KEGA 022STU-4/2014.
- AFH21 LUKÁČ, Štefan. Epikatechín spomaľuje rozvoj spontánnej hypertenzie - experimentálna štúdia. Školitelia: Angelika Púzserová, Jana Muchová. In *Študentská vedecká konferencia lekárskech fakúlt ČR a SR : 27. -28. novembra 2015, Košice*. - Košice, 2015, s. 5.
- AFH22 MURÍNOVÁ, Jana - RIEČANSKÝ, Igor. Využitie experimentálnych zvierat vo výskume schizofrénie [The use of experimental animals in research of schizophrenia]. In *Slovenský lekár*, 2015, suplementum, roč. 25, s. 18. ISSN 1335-0234. MZ SR 2012/52-SAV-2; VEGA 2/0080/13, 2/0093/14, 2/0165/15.

- AFH23 PECHÁŇOVÁ, Oľga - CEBOVÁ, Martina - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - KOVÁCSOVÁ, Mária. Effects of nanoparticle-loaded aliskiren in the cardiovascular system of hypertensive rats. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 45. ISBN 978-80-224-1452-4. VEGA 2/0195/15, 2/0144/14; APVV-14-0932, APVV-0742-10.
- AFH24 RIEČANSKÝ, Igor. Animálne modely v psychiatrii. In *Slovenský lekár*, 2015, suplementum, roč. 25, s. 21. ISSN 1335-0234. MZ SR 2012/52-SAV-2; VEGA 2/0080/13, 2/0093/14, 2/0165/15.
- AFH25 RIEČANSKÝ, Igor. Cognitive neuroscience and psychiatric disorders. In *The Immune and Nervous System. Teamwork, Ageing and Diseases, Smolenice Castle, Slovakia, October 20-22, 2015 : abstracts*. - Institute of Neuroimmunology, SAS, 2015.
- AFH26 RIEČANSKÝ, Igor - PECHÁŇOVÁ, Oľga. Výskum nervových procesov regulácie kardiovaskulárneho systému a psychických funkcií. In *Odborný seminár k otvoreniu Univerzitného vedeckého parku pre biomedicínu Bratislava : zborník abstraktov*. - Bratislava : SAV, 2015, s. 17. SR č. 2012/51-SAV-1.
- AFH27 ROHÁRIKOVÁ, Veronika - RIEČANSKÝ, Igor. Neurobiológia impulzivity. In *Rozhodovanie v živote človeka. Psychologické dni 2015, Piešťany : program konferencie a kniha abstraktov*. - Výbor Slovenskej psychologickéj spoločnosti pri SAV, 2015, s. 27-28. ISBN 978-80-8127-129-8. MZ SR 2012/52-SAV-2, VEGA 2/0080/13 a 2/0093/14.
- AFH28 ROVNÝ, Rastislav - ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - CIMROVÁ, Barbora - REPISKÁ, G. - MINÁRIK, G. - RIEČANSKÝ, Igor. Senzorimotorický gating súvisí s genotypom neuronálnej syntázy oxidu dusnatého. In *Slovenský lekár*, 2015, suplementum, roč. 25, s. 21. ISSN 1335-0234. MZ SR 2012/52-SAV-2; VEGA 2/0080/13, 2/0093/14.
- AFH29 SEIDEL, Eva-Maria - RÜTGEN, Markus - RIEČANSKÝ, Igor - HUMMER, Allan - WINDISCHBERGER, Christian - SILANI, Giorgia - LAMM, Claus. Placebo empathy effects transfer from pain to touch: A pharmac-FMRI study. In *Psychiatria pre prax : odborný program a abstrakty, XIV. Psychofarmakologické sympóziu s medzinárodnou účasťou*, 2015, roč. 16, supl. 2, s. 31-32. ISSN 1337-446X.
- AFH30 ŠALING, Marián - KUCHARIK, M. - KRIVOSIK, M. - PUCIK, J. Chronical instability of uprightt stance in senior patients. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015*. - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 78. ISBN 978-80-971699-2-3.
- AFH31 ŠIMURKA, Pavol - REGECOVÁ, Valéria - BARÁKOVÁ, A. - MAŠURA, J. Influence of obesity on 24-hour profile of blood pressure in children and

adolescents. In *Česko-slovenská pediatrie*, 2015, roč. 2015, supl. 1, s. 19. ISSN 0069-2328.

AFH32 ŠINGLIAROVÁ, H. - VALKOVIČ, Peter - HIRJAKOVÁ, Zuzana - HLAVAČKA, František. Effect of surgical reconstruction of anterior cruciate ligament and consecutive rehabilitation of selected postural stability aspects. In *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015.* - Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015, p. 80. ISBN 978-80-971699-2-3. VEGA 2/0138/13, Slovak Research and Development Agency Nos. SK-CZ-2013-0131 and 7AMB14SK073.

AFH33 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna. Visceral perivascular adipose tissue regulates arterial smooth muscle responsiveness. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia.* - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 56. ISBN 978-80-224-1452-4. VEGA 2/0202/15.

AFHA Abstracts of papers from international conferences in Slovakia

AFHA01 BALIŠ, Peter - GALLEANO, Monica - PÚZSEROVÁ, Angelika - FRAGA, César G - KLUKNAVSKÝ, Michal - PECHÁŇOVÁ, Oľga - BERNÁTOVÁ, Iveta. Antihypertensive effect of (-)-epicatechin and improvement of vascular function in spontaneously hypertensive rats. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov. 90.* - Bratislava : Univerzita Komenského, 2014, s. 32. ISBN 978-80-223-3555-3. APVV-0523-10, CONICET.

AFHA02 BARANČÍK, Miroslav - BARTEKOVÁ, Monika - IVANOVÁ, Monika - OKRUHLICOVÁ, Ľudmila - ŠEREŠ, Mário - DOVINOVÁ, Ima - SULOVÁ, Zdena. Molecular mechanisms involved in chronic effects of doxorubicin in rat hearts. In *Advances in cardiovascular research : from bench to bedside. International symposium, May 23 - 26, 2013. Program and book of abstracts..* - Bratislava : Veda, 2013, p. 53. ISBN 978-80-224-1294-0. VEGA SR 2/0169/12, 2/0140/12, SAS-NSC-JRP 2010/01.

AFHA03 BARTA, Andrej - JANEGA, Pavol - BABÁL, Pavel - MURÁR, E. - PECHÁŇOVÁ, Oľga. Ambivalent effects of curcumin: model of extrahepatal biliary atresia as an example. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 101. ISSN 1337-933X. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.

AFHA04 BARTA, Andrej - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - KOVÁCSOVÁ, Mária - MATÚŠKOVÁ, Zuzana - BUČKOVÁ, Kristína - JAGLA, Fedor - PECHÁŇOVÁ, Oľga. Cerebellar nuclear factor kappaB, nitric oxide and behavioural activity: differences in hypertensive and obese rats. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 93. ISSN 1337-933X. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.

- AFHA05 BEŇAČKA, O. - LIETAVA, Ján - BLAŽÍČEK, P. - BUCOVÁ, M. - BEŇAČKA, J. - PECHÁŇOVÁ, Oľga - BELANSKÝ, M. - HEWART, M. - ONDREJKOVIČ, M. - PAULIS, Ľudovít - VOJTEK, Vladimír - BARTKO, Daniel. Humorálne kardiovaskulárne markery u pacientov a reumatoidnou artritídou bez predchádzajúceho ochorenia KVS. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 11S. ISSN 1338-3655.
- AFHA06 BERÉNYIOVÁ, Andrea - KRISTEK, František - DROBNÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. Porovnanie vazoaktívnych odpovedí veľkých artérií u mladých normotenzných a spontánne hypertenzných potkanov. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 9S. ISSN 1338-3655. VEGA 2/0074/14, VEGA 2/0067/14, MZ SR č. 2012/51-SAV-1.
- AFHA07 BERÉNYIOVÁ, Andrea - DROBNÁ, Magdaléna - KRISTEK, František - ČAČÁNYIOVÁ, Soňa. Possible cross talk between NO and H₂S signal pathways in young normotensive and spontaneously hypertensive rats. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. 90. - Bratislava : Univerzita Komenského, 2014, s. 42. ISBN 978-80-223-3555-3. VEGA 2/0111/12, VEGA 2/0019/12.
- AFHA08 BERÉNYIOVÁ, Andrea - MÁLEKOVÁ, Magdaléna - KRISTEK, František - ČAČÁNYIOVÁ, Soňa. Rozdielny vplyv chronickej inhibície neuronálnej a endotelovej NO-syntázy na kardiovaskulárny systém mladých Wistar potkanov. In *Cardiology Letters*, 2012, suppl., p. 11S. ISSN 1338-3655. VEGA 2/0111/12, VEGA 2/0019/12.
- AFHA09 BERÉNYIOVÁ, Andrea - ČAČÁNYIOVÁ, Soňa - KRISTEK, František - MÁLEKOVÁ, Magdaléna. Vasoactive effect of NO and H₂S interaction on thoracic aorta in young normotensive and spontaneously hypertensive rats. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 11S-12S. ISSN 1338-3655.
- AFHA10 BERNÁTOVÁ, Iveta - KVANDOVÁ, Miroslava - KRÁTKA, Dominika - PÚZSEROVÁ, Angelika - BALIŠ, Peter - DOVINOVÁ, Ima. Effect of chronic social stress on brain nitric oxide synthase, oxidative stress markers and angiotensin 1 receptor in young rats with genetic predisposition to hypertension. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. 90. - Bratislava : Univerzita Komenského, 2014, s. 43. ISBN 978-80-223-3555-3. APVV-0523-10, VEGA 2/0084/10.
- AFHA11 BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - GALLEANO, Monica - BALIŠ, Peter - ŠESTÁKOVÁ, Natália - PECHÁŇOVÁ, Oľga - FRAGA, César G.. Epicatechin reduces blood pressure and improves endothelial dysfunction in spontaneously hypertensive rats. In *Advances in cardiovascular research : from bench to bedside. International symposium, May 23 - 26, 2013. Program and book of abstracts..* - Bratislava : Veda, 2013, p. 32. ISBN 978-80-224-1294-0. APVV-0523-10, VEGA 2/0084/10, CONICET.
- AFHA12 BERNÁTOVÁ, Iveta - BALIŠ, Peter - MAJZÚNOVÁ, Miroslava - ZICHA, Josef - BEHULIAK, M. - SEKAJ, Ivan. Involvement of reactive oxygen species in blood pressure regulation in rats exposed to acute air-jet stress. In *90. Fyziologické*

dni Bratislava, 4.-6. Február 2014 : zborník abstraktov. 90. - Bratislava : Univerzita Komenského, 2014, s. 44. ISBN 978-80-223-3555-3. APVV-0523-10.

- AFHA13 BERNÁTOVÁ, Iveta - PÚZSEROVÁ, Angelika - BALIŠ, Peter - KLUKNAVSKÝ, Michal. Sex-related differences in cardiovascular action of chronic social stress in young rats. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 28. ISBN 978-80-8141-063-5. APVV-0523-10.
- AFHA14 BOBOCKÁ, Katarína - DÚBRAVA, J. - SLEZÁK, Peter - WACZULÍKOVÁ, Iveta - EISNEROVA, D. - LEHOTSKÁ, A. - PONTUCH, Peter. Impact of blood pressure on left ventricular geometry and function in chronic haemodialysis patients. In *Cardiology Letters*, 2012, vol. 21, no. 3, p. 264. ISSN 1338-3655.
- AFHA15 BUČKOVÁ, Kristína - LOBOTKOVÁ, Jana - HALICKÁ, Zuzana - HLAVAČKA, František. How does wearing high heel shoes influence postural stability. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 91. ISSN 1337-933X. VEGA 2/0186/10.
- AFHA16 BUČKOVÁ, Kristína - ČAPIČÍKOVÁ, Nad'a - BZDÚŠKOVÁ, Diana - HLAVAČKA, František. Influence of visual input during stance with increased postural threat. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 86. ISSN 1337-933X. VEGA 2/0186/10.
- AFHA17 CEBOVÁ, Martina - KNOWLES, Catherine J. - PREDA, Marilena - VARY, Calvin - PINZ, Ilka M. Maternal obesity "rafting" offspring toward cardiovascular disease: palmitate exposure in utero causes systolic and vascular dysfunction via modified lipid raft structure. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov. 90.* - Bratislava : Univerzita Komenského, 2014, s. 50. ISBN 978-80-223-3555-3.
- AFHA18 CEBOVÁ, Martina - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. The effect of nanoparticle-loaded aliskiren on nitrite oxide production in left ventricle of spontaneously hypertensive rats. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 42. ISBN 978-80-8141-063-5. VEGA 2/0183/12, 2/0144/14; APVV-0742/10.
- AFHA19 CIMROVÁ, Barbora - JAGLA, Fedor - RIEČANSKÝ, Igor. Memory mechanisms and emotional events. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 84-85. ISSN 1337-933X. VEGA 2/0023/10, VEGA 2/0173/11.
- AFHA20 ČAČÁNYIOVÁ, Soňa - KRISTEK, František - MIŠÁK, Anton - ONDRIAŠ, Karol. Product(s) of NO-H₂S interaction - new vasoactive mediator(s). In

Cardiology Letters, 2014, vol. 23, suppl. 1, p. 12S-13S. ISSN 1338-3655. VEGA 2/0074/14, VEGA 2/0067/14, APVV-0074-11, MZ SR č. 2012/51-SAV-1.

- AFHA21 ČAČÁNYIOVÁ, Soňa - KRISTEK, František - MIŠÁK, Anton - ONDRIAŠ, Karol. Product(s) of H₂S - NO interaction and relaxation of aortic rings. In *First European Conference on the Biology of Hydrogene Sulfide : Smolenice Castle, Bratislava, June 15-18, 2012*. - Bratislava : Institute of Molecular Physiology and Genetics SAS, 2012, p. 100-101. ISBN 978-80970164-4-9. VEGA 2/0150/10.
- AFHA22 DOVINOVÁ, Ima - MAJZÚNOVÁ, Miroslava - ZÓRAD, Štefan - GAJDOŠECHOVÁ, Lucia - GREŠOVÁ, Linda - ČAČÁNYIOVÁ, Soňa - BARANČÍK, Miroslav - KRISTEK, František. Effect of PPAR gamma agonist - pioglidazone on prehypertensive SHR animals. In *Advances in cardiovascular research : from bench to bedside. International symposium, May 23 - 26, 2013. Program and book of abstracts..* - Bratislava : Veda, 2013, p. 58. ISBN 978-80-224-1294-0. SAS-NSC JRP 2010/01.
- AFHA23 DRAGAŠEK, Jozef - RIEČANSKÝ, Igor - MIROSSAY, Peter - DRÍMALOVÁ, Milena. Elektrofyzilogické prediktory prvých epizód schizofrénie. In *Alkoholizmus a drogové závislosti*, 2012, suppl. 1, s. 13.
- AFHA24 DROBNÁ, Magdaléna - BERÉNYIOVÁ, Andrea - KRISTEK, František. Alterations in vascular structure of Wistar rats after long-term decrease of endogenous hydrogen sulphide production. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 14S. ISSN 1338-3655. VEGA 2/0067/13, MZ SR č. 2012/51-SAV-1.
- AFHA25 MÁLEKOVÁ, Magdaléna - KRISTEK, František - ČAČÁNYIOVÁ, Soňa - BERÉNYIOVÁ, Andrea. Long-term effect of prazosin and losartan administration on cardiovascular system of young SHRs. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 28S. ISSN 1338-3655. VEGA 2/0067/13, 2/0111/13, MZ 2012-51-SAV-1.
- AFHA26 DROBNÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa - KRISTEK, František. Long-term effect of prazosin and losartan administration on cardiovascular system of young SHRs. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov. 90.* - Bratislava : Univerzita Komenského, 2014, s. 56. ISBN 978-80-223-3555-3. MZ 2012-51-SAV-1.
- AFHA27 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - ČARNICKÁ, Slávka - NEMČEKOVÁ, Martina - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Borderline and Spontaneously Hypertensive Male and Female Rats Exhibit Different Tolerance to Ischemia/Reperfusion. In *ELECTROCARDIOLOGY 2014 : Proceedings of the 41th International Congress on Electrophysiology*. - Bratislava : Institute of Measurement Science, SAS, 2014, p.91. ISBN 978-80-969-672-7-8. APVV-0523-10; APVV-0102-11.
- AFHA28 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - ČARNICKÁ, Slávka - NEMČEKOVÁ, Martina - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Borderline and spontaneously hypertensive male and female rats exhibit different tolerance to ischemia/reperfusion. In *Zborník abstraktov. 90. Fyziologické dni*

Bratislava. : 4.-6. Február 2014. - Bratislava : Univerzita Komenského, 2014, s. 130. ISBN 978-80-223-3555-3. VEGA 2/0054/11, 2/0084/10, APVV-0102-11, APVV-0523-10.

- AFHA29 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Differential response of older male and female rat hearts to ischemia-reperfusion injury. In *Cardiology Letters*, 2012, vol. 21, suppl. 1, 21S. ISSN 1338-3655.
- AFHA30 LEDVÉNYIOVÁ, Veronika - BERNÁTOVÁ, Iveta - SLEZÁK, Peter - GABLOVSKÝ, Ivan - ČARNICKÁ, Slávka - BARTEKOVÁ, Monika - RAVINGEROVÁ, Táňa. Distinct effect of crowding stress on cardiac ischemic tolerance in male and female rats with different predisposition to hypertension. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 75. ISBN 978-80-8141-063-5. APVV-0523-10; APVV-0102-11.
- AFHA31 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - ČARNICKÁ, Slávka - NEMČEKOVÁ, Martina - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Exposure to social stress influences cardiac ischemic tolerance in borderline and spontaneously hypertensive male and female rats. In *41. konferencia Komisie experimentálnej kardiológie, Valčianska dolina 16.-18. október 2013.* - Martin, 2013, s. 31. VEGA-SR 2/0054/11, APVV-0523-10, APVV-0102-11.
- AFHA32 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Influence of maturation and gender on response to ischemic preconditioning in the rat heart: distinct role of PI3K/Akt pathway. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 99. ISSN 1337-933X. VEGA-SR 2/0054/11, APVV-0523-10, APVV-0102-11.
- AFHA33 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - BARTEKOVÁ, Monika - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Sex-specific cardioprotective effect of ischemic preconditioning in heart of younger and older adult rats is PI3K/Akt dependent only partially. In *Advances in cardiovascular research : from bench to bedside. International symposium, May 23 - 26, 2013. Program and book of abstracts..* - Bratislava : Veda, 2013, p. 68. ISBN 978-80-224-1294-0. VEGA-SR 2/0054/11, APVV-0523-10, APVV-0102-11.
- AFHA34 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - WEISMANN, Peter - OKRUHLICOVÁ, Ľudmila. Effect of bacterial infection and omega-3 fatty acids diet on expression of Cx40 in aorta of normotensive rats. In *Advances in cardiovascular research : from bench to bedside. International symposium, May 23 - 26, 2013. Program and book of abstracts..* - Bratislava : Veda, 2013, p. 60. ISBN 978-80-224-1294-0. VEGA 2/0065/13.
- AFHA35 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - KRIŽÁK, Jakub - OKRUHLICOVÁ, Ľudmila. Krátkodobé podávanie omega-3 mastných kyselín ovplyvňuje zmeny v expresii Cx40 v aorte

potkana vyvolané lipopolysacharidom. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 17S. ISSN 1338-3655. *XVIII. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 10.-12. október 2013, Bratislava.*

- AFHA36 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. Modulation of endothelial integrity and permeability by bacterial lipopolysaccharide. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 17S. ISSN 1338-3655. *XIX. Kongres Slovenskej kardiologickej spoločnosti, 9. - 11. október 2014. VEGA 2/0065/13.*
- AFHA37 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - KRIŽÁK, Jakub - OKRUHLICOVÁ, Ľudmila. Ovplynvenie expresie CX40 zápalom a jeho liečbou omega3-masnými kyselinami v aorte normotenzného potkana. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov. 90. - Bratislava : Univerzita Komenského, 2014, s. 64. ISBN 978-80-223-3555-3. VEGA 2/0065/13.*
- AFHA38 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - OKRUHLICOVÁ, Ľudmila. The effect of lipopolysaccharide on expression of connexin-40 and connexin-43 in aorta hereditary hypertriglyceridemic rats. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts. - Banská Bystrica : DALI-BB, 2014, p. 63. ISBN 978-80-8141-063-5. VEGA 2/0065/13.*
- AFHA39 GÁSPÁROVÁ, Zdenka - JANEGA, Pavol - STARÁ, Veronika - UJHÁZY, Eduard. Neurodegeneration induced by trimethyltin in male Wistar rat hippocampus: electrophysiological and morphological aspects. In *62. Farmakologické dni : program a zborník abstraktov. Košice, 25. - 27. júna 2012. - Košice : Equilibra, 2012, s. 38. ISBN 978-80-8143-020-6. VEGA 2/0048/11, VEGA 2/0081/11.*
- AFHA40 GRIECISOVÁ, Lucia - LEDVÉNYIOVÁ, Veronika - KHANDELWAL, V. K. M. - GABLOVSKÝ, Ivan - BERNÁTOVÁ, Iveta - TATARKOVÁ, Z. - RAVINGEROVÁ, Táňa. Age-related changes in response to ischemia and adaptation in male rat hearts: potential molecular mechanisms behind. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts. - Banská Bystrica : DALI-BB, 2014, p. 65. ISBN 978-80-8141-063-5. APVV-0102-11, APVV-0523-10.*
- AFHA41 GRIECISOVÁ, Lucia - LEDVÉNYIOVÁ, Veronika - GABLOVSKÝ, Ivan - KHANDELWAL, V. K. M. - BERNÁTOVÁ, Iveta - TATARKOVÁ, Z. - RAVINGEROVÁ, Táňa. Age-related changes in ischemic tolerance in male rat hearts: potential molecular mechanisms involved. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov. - Bratislava : Univerzita Komenského, 2014, s. 72. ISBN 978-80-223-3555-3. VEGA SR 2/0084/10, APVV-0102-11, APVV-0523-10.*
- AFHA42 HALICKÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - BZDÚŠKOVÁ, Diana - HLAVÁČKA, František. Using accelerometers in visual biofeedback for improving human balance control. In *Activitas Nervosa Superior*

- AFHA43 HIRJAKOVÁ, Zuzana - LOBOTKOVÁ, Jana - BUČKOVÁ, Kristína - HLAVAČKA, František. Vplyv veku na efektivitu zrkovéhá a vibrotaktilného biofeedbacku počas postoja. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 79. ISBN 978-80-223-3555-3. VEGA 2/0138/13.
- AFHA44 HRENÁK, J. - REPOVÁ, K. - AZIRIOVÁ, S. - RAJKOVIČOVÁ, R. - ARENDÁŠOVÁ, K. - CELEC, Peter - KAMODYOVÁ, Natália - ADAMCOVÁ, M. - PAULIS, Ľudovít - ŠIMKO, Fedor. Antihypertenzívny a nefroprotektívny efekt melatonínu a agonistu angiotenzínových AT2 receptorov na modeli antracyklínovej kardiovaskulárnej toxicity u potkanov. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 19S-20S. ISSN 1338-3655.
- AFHA45 HRENÁK, J. - REPOVÁ, K. - AZIRIOVÁ, S. - KRAJČÍROVIČOVÁ, K. - ADAMCOVÁ, M. - CELEC, Peter - KAMODYOVÁ, Natália - PECHÁŇOVÁ, Oľga - PAULIS, Ľudovít - ŠIMKO, Fedor. Effect of melatonin and captopril on target organ damage induced by continuous light exposure in rats. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 84. ISBN 978-80-223-3555-3.
- AFHA46 JAGLA, Fedor - PECHÁŇOVÁ, Oľga. Lifestyle and health. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 93. ISSN 1337-933X. European Commission grant EAHC No 20101208, CE-NOREG SAS.
- AFHA47 JAGLA, Fedor - CIMROVÁ, Barbora - PECHÁŇOVÁ, Oľga. Polyphenols can affect the cardiovascular functions via the non vegetative but higher brain regulatory mechanisms also. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 85-86. ISSN 1337-933X. CE-NOREG SAS, VEGA 2/0173/11, APVV-0742-10.
- AFHA48 JAGLA, Fedor. Riadenie pohybov očí a funkčná asymetria mozgových hemisfér. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 88. ISBN 978-80-223-3555-3.
- AFHA49 JARIABKOVÁ, Katarína - ŠPAJDEL, Marián - PÁPAYOVÁ, M. - TIMÁROVÁ, G. Lateralizácia spracúvania sluchových podnetov pri temporálnej epilepsii [Lateralization of auditory stimuli processing in patients with temporal lobe epilepsy]. In *Zborník abstraktov. 90. Fyziologické dni Bratislava. : 4.-6. Február 2014*. - Bratislava : Univerzita Komenského, 2014, s. 93. ISBN 978-80-223-3555-3. Projekt VEGA č. 1/0829/13.
- AFHA50 PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Different

NO-dependent activation of NF-KB in the central nervous system. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 101. ISSN 1337-933X. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.

- AFHA51 KLIMENTOVÁ, Jana - CEBOVÁ, Martina - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - KOVÁCSOVÁ, Mária - LABAŠ, P. - PECHÁŇOVÁ, Oľga. Effect of deuterium depleted water on cardiac nitric oxide synthase activity in normotensive and hypertensive rats. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 23S. ISSN 1338-3655. APVV-0742-10, VEGA 2/0183/12, VEGA 2/0144/14.
- AFHA52 KLIMENTOVÁ, Jana - VRANKOVÁ, Stanislava - KOVÁCSOVÁ, Mária - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Effects of melatonin in the cerebellum and brain cortex of rats with metabolic syndrome. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 104. ISBN 978-80-223-3555-3. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, 2/0178/09.
- AFHA53 KLUKNAVSKÝ, Michal - BALIŠ, Peter - SLEZÁK, Peter - DOVINOVÁ, Ima - PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. Oxidative stress does not participate on acceleration of blood pressure increase in young prehypertensive female rats. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 74. ISBN 978-80-8141-063-5. APVV-0523-10.
- AFHA54 KLUKNAVSKÝ, Michal - BALIŠ, Peter - DOVINOVÁ, Ima - PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. Vplyv chronického stresu na oxidačný stav v obličkách mladých prehypertených a hypertených samíc potkanov. In *Zborník abstraktov. 90. Fyziologické dni Bratislava. : 4.-6. Február 2014.* - Bratislava : Univerzita Komenského, 2014, s. 105. ISBN 978-80-223-3555-3. APVV-0523-10, VEGA 2/0084/10.
- AFHA55 KOVÁCSOVÁ, Mária - KONDRASHOV, Alexey - VRANKOVÁ, Stanislava - DOVINOVÁ, Ima - ŠEVČÍK, Rudolf - PAROHOVÁ, Jana - BARTA, Andrej - PECHÁŇOVÁ, Oľga. Alibernet red wine extract increases nitric oxide and superoxid dismutase activities in spontaneously hypertensive rats: potential mechanisms behind. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 99. ISSN 1337-933X. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.
- AFHA56 KOVÁCSOVÁ, Mária - KONDRASHOV, Alexey - VRANKOVÁ, Stanislava - DOVINOVÁ, Ima - ŠEVČÍK, Rudolf - PAROHOVÁ, Jana - BARTA, Andrej - PECHÁŇOVÁ, Oľga. The effects of new Alibernet red wine extract on nitric oxide and superoxid dismutase activities in spontaneously hypertensive rats. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 116. ISBN 978-80-223-3555-3. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.

- AFHA57 KRISTEK, František - MÁLEKOVÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. Different effects of 7-nitroindazole and L-NAME administered individually and/or together on cardiovascular system of adult Wistar rats. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 25S. ISSN 1338-3655. VEGA 2/0067/13, VEGA 2/0111/13, MZ 2012-51-SAV-1.
- AFHA58 KRISTEK, František - DROBNÁ, Magdaléna - ČAČÁNYIOVÁ, Soňa. Different effects of 7-nitroindazole and L-NAME administered both individually and together on the cardiovascular system of the rat. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 119. ISBN 978-80-223-3555-3. MZ 2012-51-SAV-1.
- AFHA59 KRUŽLIAK, Peter - PECHÁŇOVÁ, Oľga. Cardiac arrest and cardiopulmonary resuscitation: new perspectives of nitric oxide donors. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 140. ISSN 1337-933X. ITMS 26240120006, APVV-0742-10,.
- AFHA60 KUCHARSKÁ, Jarmila - ULIČNÁ, Oľga - BAUEROVÁ, Katarína - PONIŠT, Silvester - KUNCÍROVÁ, Viera - JANEGA, Pavol - ZAGRAPAN, B. - KRISTEK, František - VANČOVÁ, Olga - GVOZDJÁKOVÁ, Anna - BADA, V. Čo ešte nevieme o statínoch? Účinky atorvastatínu pri experimentálnej hypercholesterolémii. In *Cardiology Letters*, 2012, vol. 21, suppl., p. 20S. ISSN 1338-3655. VEGA 1/0328/10, VEGA 2/0045/11, ITMS 26240120030.
- AFHA61 LOBOTKOVÁ, Jana - HALICKÁ, Zuzana - BUČKOVÁ, Kristína - KILLINGER, Z. Postural stabilizing effect of vitamin D in elderly osteopenic and osteoporotic women. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 92. ISSN 1337-933X. VEGA 1/0070/11.
- AFHA62 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Age-dependent changes of nitric oxide generation in experimental metabolic syndrome. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 100-101. ISSN 1337-933X. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.
- AFHA63 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - MURÍNOVÁ, Jana - KLIMENTOVÁ, Jana - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina - BARTA, Andrej - RIEČANSKÝ, Igor - PECHÁŇOVÁ, Oľga. Effects of social-isolation on behavior and nitric oxide synthase activity in cardiovascular system and brain. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 27S. ISSN 1338-3655.
- AFHA64 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - KOVÁČSOVÁ, Mária - BARTA, Andrej - DOVINOVÁ, Ima - REHÁKOVÁ, Radoslava - PECHÁŇOVÁ, Oľga. Melatonin effect on NO and ROs generation in the kidney. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 145. ISBN

978-80-223-3555-3. APVV-0528-07, APVV-0742-10, VEGA 2/0190/11, 2/0178/09.

- AFHA65 MÉZEŠOVÁ, Lucia - KALOČAYOVÁ, Barbora - JENDRUCHOVÁ, Veronika - VLKOVIČOVÁ, Jana - BARANČÍK, Miroslav - FULOP, M. - SLEZÁK, Ján - BABÁL, Pavel - JANEGA, Pavol - VRBJAR, Norbert. Alterations of functional properties of cardiac Na,K-ATPase in consequence of gamma-irradiation. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 79. ISBN 978-80-8141-063-5. VEGA 2/0141/13; APVV-0241-11.
- AFHA66 MOKOŠÁKOVÁ, Miroslava - STEBELOVÁ, K. - KRŠKOVÁ, Lucia - JANÍK, P. - TURČEK, M. - VAŠEČKOVÁ, B. - ŽLNAYOVÁ, L. - IZÁKOVÁ, Ľ. - PEČEŇÁK, Ján - HLAVAČKA, František - ZEMAN, Michal. Neinvazívne hodnotenie denných rytmov aktivity a kvality spánku u pacientov s depresiou. In *Zborník abstraktov. 90. Fyziologické dni Bratislava. : 4.-6. Február 2014.* - Bratislava : Univerzita Komenského, 2014, s. 146. ISBN 978-80-223-3555-3. UK/7/2013, VEGA 2/0107/12.
- AFHA67 MORAVČÍK, R. - STEBELOVÁ, K. - BOHÁČ, A. - KUBEŠ, M. - KLIMENTOVÁ, Jana - PECHÁŇOVÁ, Oľga - ZEMAN, Michal. Inhibícia postreceptorických signálnych dráh mediujúcich účinky VEGF novo syntetizovaným inhibítorom tyrozínkináz. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 149. ISBN 978-80-223-3555-3.
- AFHA68 NAGIBIN, V. - EGAN BEŇOVÁ, Tamara - VICZENCZOVÁ, Csilla - RADOŠINSKÁ, Jana - KNEZL, Vladimír - DOVINOVÁ, Ima - BARANČÍK, Miroslav - TRIBULOVÁ, Narcis. Age- and sex-related differences in myocardial Connexin-43 and MMP-2 expression are implicated in susceptibility of the guinea pig heart to atrial fibrillation. In *Advances in cardiovascular research : from bench to bedside. International symposium, May 23 - 26, 2013. Program and book of abstracts..* - Bratislava : Veda, 2013, p. 70. ISBN 978-80-224-1294-0. VEGA 2/0046/12, APVV SK.CZ-0027-11, JRP SAS-NSC 2010/01.
- AFHA69 OKRUHLICOVÁ, Ľudmila - FRIMMEL, Karel - KRIŽÁK, Jakub - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta. Lipopolysaccharide-induced remodeling of endothelial intercellular junctions. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 31. ISBN 978-80-8141-063-5. VEGA 2/0065/13.
- AFHA70 OKRUHLICOVÁ, Ľudmila - KNEZL, Vladimír - NAVAROVÁ, Jana - SOTNÍKOVÁ, Ružena - BERNÁTOVÁ, Iveta - FRIMMEL, Karel - SLEZÁK, Ján. Structural alterations of endothelium induced by bacterial insult contribute to increased susceptibility of the heart to ischemia/reperfusion injury. In *Cardiology Letters*, 2012, vol. 21, suppl., p. 23S. ISSN 1338-3655. VEGA 2/0108/10.

- AFHA71 ONDRIAŠ, Karol - KRISTEK, František - TOMÁŠOVÁ, Lenka - TOMÁŠEK, M. - WHITEMAN, M. Effects on novel slow H₂S donor AP39 on rat hemodynamic parameters. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 159. ISBN 978-80-223-3555-3. APVV-0074-11, UK/572/2013.
- AFHA72 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - PAULIS, Ľudovít. Angiotensin converting enzyme inhibitors: drug design effects in the spontaneous hypertension. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 140-141. ISSN 1337-933X. ITMS 2624012006, APVV-0742-10.
- AFHA73 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - PAULIS, Ľudovít - JAGLA, Fedor. Central effects of angiotensin converting enzyme inhibitor, captopril in experimental hypertension. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 89. ISSN 1337-933X. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09.
- AFHA74 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - BARTA, Andrej - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - KOVÁČSOVÁ, Mária - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina. Hypertension within the cluster of metabolic syndrome: experimental study. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 27. ISBN 978-80-8141-063-5. VEGA 2/0183/12, 2/0144/14; APVV-0742/10.
- AFHA75 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - BARTA, Andrej - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - KOVÁČSOVÁ, Mária - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina. Hypertension within the cluster of metabolic syndrome: the experimental study. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 29S-30S. ISSN 1338-3655. VEGA 2/0183/12, VEGA 2/0144/14, APVV-0742-10.
- AFHA76 PECHÁŇOVÁ, Oľga - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - JANEGA, Pavol. Vascular effect of nuclear factor kappaB inhibition in experimental hypertension. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 160. ISBN 978-80-223-3555-3. APVV-0538-07, APVV-0742-10, SK-SRB-0038-11, VEGA 2/0190/11.
- AFHA77 PÚZSEROVÁ, Angelika - ILOVSKÁ, Veronika - BALIŠ, Peter - SLEZÁK, Peter - KLUKNAVSKÝ, Michal - BERNÁTOVÁ, Iveta. Endothelial function, nitric oxide bioavailability and vasoconstriction in juvenile and young adult spontaneously hypertensive rats. In *Zborník abstraktov. 90. Fyziologické dni Bratislava. : 4.-6. Február 2014.* - Bratislava : Univerzita Komenského, 2014, s. 168. ISBN 978-80-223-3555-3. APVV-0523-10, VEGA 2/0084/10.
- AFHA78 PÚZSEROVÁ, Angelika - BALIŠ, Peter - SLEZÁK, Peter - SÁRKOZIOVÁ, Nad'a - BERNÁTOVÁ, Iveta. Pohlavné rozdiely vo funkcii endotelu arteria

femoralis u mladých prehypertenzných a hypertenzných jedincov v experimente. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 30S-31S. ISSN 1338-3655. APVV-0523-10, VEGA 2/0084/14.

- AFHA79 RAJKOVIČOVÁ, R. - ARENDÁŠOVÁ, K. - GUBO, G. - BARTA, Andrej - REPOVÁ, K. - ŠIMKO, Fedor - CELEC, Peter - PAULIS, Ľudovít. Vplyv testosterónu na kardiovaskulárne funkcie v experimentálnom modeli srdcového zlyhania. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 170. ISBN 978-80-223-3555-3. VEGA 1/0831/11, APVV-0205-11, UK/442/2013, UK472/2013.
- AFHA80 REGECOVÁ, Valéria - ŠIMURKA, P. - BARÁKOVÁ, A. - BEREŠOVÁ, J. - KELLEROVÁ, Eva. Niektoré aspekty spoľahlivosti merania krvného tlaku. In *Cardiology Letters*, 2012, suppl, p. 25S. ISSN 1338-3655. APVV-0523-10, VEGA 2/0084/10, SKS.
- AFHA81 REGECOVÁ, Valéria - BEREŠOVÁ, J. - KELLEROVÁ, Eva. Oscilometrické meranie krvného tlaku u detí - argumenty pre nové štandardy. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 32S-33S. ISSN 1338-3655. APVV-0523-10, VEGA 2/0084/10.
- AFHA82 REGECOVÁ, Valéria - KELLEROVÁ, Eva - ŠIMURKA, Pavol - BEREŠOVÁ, J. Percentilová distribúcia oscilometrických hodnôt krvného tlaku u detí na Slovensku. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 31S. ISSN 1338-3655. APVV-0523-10, VEGA 2/0084/14.
- AFHA83 REGECOVÁ, Valéria - ŠIMURKA, P. - BARÁKOVÁ, A. Trendy vo výskyte zvýšených hodnôt krvného tlaku a celkového cholesterolu u detí a adolescentov vo vzťahu k hmotnosti. In *Cardiology Letters*, 2012, suppl, p. 25S-26S. ISSN 1338-3655. S podporou grantou SKS a MZ SR v rámci projektu "Národný program prevencie a ochorení srdca ciev pre deti a dorast".
- AFHA84 REHÁKOVÁ, Radoslava - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - BARTA, Andrej - CEBOVÁ, Martina - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Nitric oxide synthase activity in heart and kidney of fructose treated normotensive and hypertensive rats. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 31S-32S. ISSN 1338-3655. APVV-0742-10, VEGA 2/0183/12, VEGA 2/0144/14.
- AFHA85 REHÁKOVÁ, Radoslava - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - MATÚŠKOVÁ, Zuzana - BARTA, Andrej - CEBOVÁ, Martina - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. The effect of short-term fructose treatment on nitric oxide production and oxidative status in spontaneously hypertensive rats. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 171. ISBN 978-80-223-3555-3. APVV-0538-07, APVV-0742-10, VEGA 2/0178/09, 2/0190/11.
- AFHA86 RIEČANSKÝ, Igor - TOMOVA, Livia - LAMM, Claus. Contribution of short-term memory retention to rotation-related ERP negativity. In *Activitas Nervosa*

Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris, 2012, vol. 54, no. 2, p. 88. ISSN 1337-933X. VEGA 2/0023/10.

- AFHA87 RIEČANSKÝ, Igor. Sensorimotor resonance in social cognition. In 90. *Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 172. ISBN 978-80-223-3555-3.
- AFHA88 ROHÁRIKOVÁ, Veronika - CVIKOVÁ, V. The contribution of wisdom and its components to health and psychological resilience. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 92. ISSN 1337-933X.
- AFHA89 ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - ROVNÝ, Rastislav - SIEGL, C. - RAFFASEDER, J. - SEIDEL, J. - CIMROVÁ, Barbora - REPISKÁ, G. - MINÁRIK, G. - RIEČANSKÝ, Igor. Vzťah medzi variabilitou génu NOS1 a senzomotorickým gatingom u ľudí. In 90. *Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 173. ISBN 978-80-223-3555-3. VEGA 2/0080/13, MZ SR 2012/52-SAV-2.
- AFHA90 SOTNÍKOVÁ, Ružena - KAPRINAY, Barbara - PÚZSEROVÁ, Angelika - BALIŠ, Peter - BERNÁTOVÁ, Iveta. Are there sex differences in response of the aorta of young spontaneously hypertensive rats to social stress? In *TOXCON 2014. Connecting for safer Europe : 19th Interdisciplinary toxicological conference. Programme & abstracts*, p. 76. *Interdisciplinary toxicology*. - Bratislava : Slovak Toxicology Society SETOX : Institute of Experimental Pharmacology and Toxicology SAS, 2014, vol. 7, suppl. 1, p. 76. ISSN 1337-6853. VEGA 2/0084/14, APVV-0523/10.
- AFHA91 STARÁ, Veronika - NAVAROVÁ, Jana - JANEGA, Pavol - SEDLÁČKOVÁ, Natália - MACH, Mojmir - UJÁZY, Eduard - GÁSPÁROVÁ, Zdenka. Účinok vitamínu C a pyridoindolu SMe1EC2 na funkčný stav hipokampu potkana s neurodegeneráciou navodenou trimetylcínom = The effect of vitamin C and pyridoindole SMe1EC2 on the functional state of the rat hippocampus with trimethyltin-induced neurodegeneration. In 64. *Farmakologické dni a 24. Martinské dni dýchania. Zborník abstraktov* [elektronický zdroj]. - Martin : JLF UK, 2014, s. 90. VEGA 2/0048/11.
- AFHA92 ŠESTÁKOVÁ, Natália - BALIŠ, Peter - SLEZÁK, Peter - PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. Sex differences in delayed effect of crowding stress on open field behaviour of young normotensive rats. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 88. ISSN 1337-933X. APVV-0523-10, VEGA 2/84/10.
- AFHA93 ŠIMURKA, Pavol - REGECOVÁ, Valéria - BARÁKOVÁ, A. - MAŠURA, J. Blood pressure monitoring in patients with newly diagnosed prehypertension and hypertension in pediatric cardiology offices. In *Česko-slovenská pediatrie*, 2013, vol. 68, s1, p. 67. ISSN 0069-2328. Grants of Ministry of Health of the Slovak Republic and APVV-0523-10.

- AFHA94 ŠIMURKA, Pavol - REGECOVÁ, Valéria - BARÁKOVÁ, A. - MAŠURA, J. Monitorovanie krvného tlaku u pacientov s novozistenou prehypertenziou a hypertenziou v pediatrických kardiologických ambulanciách. In *Česko-slovenská pediatrie*, 2013, roč. 68, s1, s. 67. ISSN 0069-2328. Granty Ministerstva zdravotníctva SR a APVV-0523-10.
- AFHA95 ŠPAJDEL, Marián - ROHÁRIKOVÁ, Veronika - BUDÁČ, Stanislav - RIEČANSKÝ, Igor. Shifts in visual spatial attention affect dichotic listening. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 92. ISSN 1337-933X. VEGA 2/0023/10.
- AFHA96 TOMÁŠOVÁ, Lenka - KRISTEK, František - GRMAN, Marián - ONDRIAŠOVÁ, Elena - ONDRIAŠ, Karol. Comparison of polysulfides and H₂S on rat hemodynamic parameters. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 188. ISBN 978-80-223-3555-3. UK 572/2013, APVV-0074-11, VEGA 2/0050/13.
- AFHA97 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - CEBOVÁ, Martina - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - PECHÁŇOVÁ, Oľga. Cardiovascular effects of direct renin inhibition by aliskiren in spontaneously hypertensive rats. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 40. ISBN 978-80-8141-063-5. VEGA 2/0183/14, 2/0188/14.
- AFHA98 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - TABAČEKOVÁ, Marcela. Effect of quercetin on blood pressure and manifestation of sympathetic activity in conduit arteries in rats with experimental hypertension. In *Cardiology Letters*, 2013, vol. 22, suppl. 2, p. 35S-36S. ISSN 1338-3655. VEGA 2/0188/13.
- AFHA99 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - TABAČEKOVÁ, Marcela. Characterization of vascular responses in hypertensive rats with high intake of fructose. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 192. ISBN 978-80-223-3555-3. VEGA 2/0188/13.
- AFHA100 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - TABAČEKOVÁ, Marcela. Modulation of vascular function in fructose-fed rats. In *Cardiology Letters*, 2012, suppl. p. 28S-29S. ISSN 1338-3655. VEGA 2/0188/12.
- AFHA101 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna. Perivaskulárny tuk moduluje aktivitu hladkej svaloviny magistralných tepien. In *Cardiology Letters*, 2014, vol. 23, suppl. 1, p. 34S-35S. ISSN 1338-3655. VEGA 2/0188/14.
- AFHA102 TRIBULOVÁ, Narcis - NAGIBIN, V. - EGAN BEŇOVÁ, Tamara - VICZENCZOVÁ, Csilla - RADOŠINSKÁ, Jana - KNEZL, Vladimír - DOVINOVA, Ima - BARANČÍK, Miroslav. Age-related changes in myocardial connexin-43 and MMP may be implicated in increased propensity of old guinea pig

heart to atrial fibrillation. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 92. ISBN 978-80-8141-063-5. VEGA 2/0046/12; 1/0032/14; APVV-0348-12.

AFHA103 TRIBULOVÁ, Narcis - RADOŠINSKÁ, Jana - SZEIFFOVÁ BAČOVÁ, Barbara - VICZENCZOVÁ, Csilla - KNEZL, Vladimír - BERNÁTOVÁ, Iveta - NAVAROVÁ, Jana - VAN ROOYEN, Jacques. Cardioprotective effects of red palm oil diet in spontaneously hypertensive rats. In *Cardiology Letters*, 2012, vol. 21, suppl., p. 38S-39S. ISSN 1338-3655. VEGA 2/0049/09, VEGA 2/0084/10.

AFHA104 VRANKOVÁ, Stanislava - PAROHOVÁ, Jana - BARTA, Andrej - KOVÁČSOVÁ, Mária - MATÚŠKOVÁ, Zuzana - DOVINOVÁ, Ima - DOBEŠOVÁ, Zdena - ZICHA, Josef - KUNEŠ, Jaroslav - PECHÁŇOVÁ, Oľga. Experimental models of metabolic syndrome: focused on NO and ROS balance. In *Activitas Nervosa Superior Rediviva : the official journal of the CIANS Collegium Internationale Activitatis Nervosae Superioris*, 2012, vol. 54, no. 2, p. 97-98. ISSN 1337-933X. APVV-0538-07, APVV-0742-10, VEGA 2/0190/11, VEGA 2/0178/09, GA CR 305/08/0139, AVOZ 50110509, 1M0510.

AFHA105 VRBJAR, Norbert - MÉZEŠOVÁ, Lucia - KALOČAYOVÁ, Barbora - JENDRUCHOVÁ, Veronika - PÚZSEROVÁ, Angelika - BALIŠ, Peter - BERNÁTOVÁ, Iveta. Crowding stress-induced alterations of renal Na, K-ATPase in young male normotensive and spontaneously hypertensive rats. In *Zborník abstraktov. 90. Fyziologické dni Bratislava. : 4.-6. Február 2014.* - Bratislava : Univerzita Komenského, 2014, s. 210. ISBN 978-80-223-3555-3. APVV-0523-10, VEGA 2/0141/13, VEGA 2/0084/10.

AFHA106 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Comparison of some cardiovascular characteristics in normotensive and hypertensive rat strains. In *New Frontiers in Basic Cardiovascular Research 2014 : 11th Meeting of France - New EU Members, June 15-18, 2014. Program & book of abstracts.* - Banská Bystrica : DALI-BB, 2014, p. 98. ISBN 978-80-8141-063-5. VEGA 2/0188/14.

AFHA107 ZEMANČÍKOVÁ, Anna - TÖRÖK, Jozef. Reactivity of conduit arteries in different normotensive and hypertensive rat strains. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov.* - Bratislava : Univerzita Komenského, 2014, s. 215. ISBN 978-80-223-3555-3. VEGA 2/0188/13.

AFHB Abstracts of papers from domestic conferences

AFHB01 BOBOCKÁ, Katarína - EISNEROVA, D. - LEHOTSKÁ, A. - KOVAČOVSKÁ, R. - ŠEFČÍKOVÁ, S. - SLEZÁK, Peter - WACZULÍKOVÁ, Iveta - PONTŮCH, Peter. Vzt'ah krvného tlaku a stavu hydratácie stanoveného pomocou bioimpedančnej spektroskopie u pravidelne hemodialyzovaných pacientov. In *Cardiology Letters*, 2013, vol. 22, no. 2, p. 196-197. ISSN 1338-3655.

AFHB02 LEDVÉNYIOVÁ, Veronika - BERNÁTOVÁ, Iveta - SLEZÁK, Peter - GABLOVSKÝ, Ivan - ČARNICKÁ, Slávka - BARTEKOVÁ, Monika - RAVINGEROVÁ, Táňa. Different effect of crowding stress on cardiac ischemic tolerance in borderline and spontaneously hypertensive male and female rats. In

Interaktívna konferencia Mladých vedcov 2014 - Zborník abstraktov. - Bratislava : Občianske združenie PREVEDA, 2014, s. ISBN 978-80-970712-6-4. APVV-0523-10; APVV-0102-11.

- AFHB03 LEDVÉNYIOVÁ, Veronika - PANCZA, Dezider - MATEJÍKOVÁ, Jana - BERNÁTOVÁ, Iveta - RAVINGEROVÁ, Táňa. Vplyv veku na ochranný účinok ischemického preconditioningu v myokarde samcov a samic potkana: úloha PI3K/Akt dráhy. In *Interaktívna konferencia mladých vedcov : zborník abstraktov.* - Banská Bystrica : Preveda, 2013, s. 24. ISBN 78-80-970712-4-0. VEGA-SR 2/0054/11, APVV-0523-10, APVV-0102-11.
- AFHB04 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - WEISMANN, Peter - OKRUHLICOVÁ, Ľudmila. Ovplynvenie exprese Cx40 endotoxínom a omega3-masťnými kyselinami v aorte normotenzného potkana. In *Cardiology Letters*, 2013, vol. 22, no. 2, p. 198. ISSN 1338-3655. VEGA 2/0065/13.
- AFHB05 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - WEISMANN, Peter - OKRUHLICOVÁ, Ľudmila. Účinok omega-3 masťných kyselín na expresiu konexínu 40 u Wistar a hereditárne hypertriglyceridemických potkanov počas zápalu. In *Interaktívna konferencia mladých vedcov 2012 : zborník abstraktov.* - Banská Bystrica : Občianske združenie Preveda, 2012, s. 20. ISBN 978-80-970712-2-6. VEGA 2/0108/10.
- AFHB06 FRIMMEL, Karel - SOTNÍKOVÁ, Ružena - NAVAROVÁ, Jana - BERNÁTOVÁ, Iveta - KRIŽÁK, Jakub - OKRUHLICOVÁ, Ľudmila. Vplyv bakteriálneho zápalu a liečby omega-3 masťnými kyselinami na komunikačné spojenia v súvislosti s infiltráciou makrofágmi v aorte potkana. In *Interaktívna konferencia mladých vedcov : zborník abstraktov.* - Banská Bystrica : Preveda, 2013, s. 17-18. ISBN 78-80-970712-4-0. VEGA 2/0065/13.
- AFHB07 ILOVSKÁ, Veronika - PÚZSEROVÁ, Angelika - BALIŠ, Peter - SLEZÁK, Peter - BERNÁTOVÁ, Iveta. Endotelová dysfunkcia u mladých a dospelých potkanov v modeli hypertenzie. In *Interaktívna konferencia mladých vedcov 2012 : zborník abstraktov.* - Banská Bystrica : Občianske združenie Preveda, 2012, s. 79-80. ISBN 978-80-970712-2-6. APVV-0523-10, VEGA 2/0084/10.
- AFHB08 JAGLA, Fedor. Niektoré faktory ovplyvňujúce riadenie pohybov očí. In *Lekársky obzor : odborný časopis Ministerstva zdravotníctva SR a Slovenskej postgraduálnej akadémie medicíny*, 2014, roč. LXIII, suplementum 1, s. 13. ISSN 0457-4214. VEGA 2/0093/14 a 2/0080/13.
- AFHB09 JANÍK, P. - IZÁKOVÁ, Ľ. - RIEČANSKÝ, Igor. Endofenotypové charakteristiky porúch z okruhu schizofrénie. In *Psychiatria pre prax : odborný program a abstrakty, XI. Slovenský psychiatrický zjazd*, 2014, roč. 15, suppl. 2, s. 37-38. ISSN 1337-446X.
- AFHB10 KANCIROVÁ, Ivana - MAŤAŠEJE, Anna - SLEZÁK, Peter - ŠIKUROVÁ, Libuša - WACZULÍKOVÁ, Iveta. Testovanie zhody dvoch experimentálnych protokolov určených na štúdium parametra fyzikálneho stavu erytrocytovej

membrány u onkologických pacientov. In *Interaktívna konferencia mladých vedcov 2012 : zborník abstraktov*. - Banská Bystrica : Občianske združenie Preveda, 2012, s. 81. ISBN 978-80-970712-2-6. MZ SR 2007/29-UK-06.

- AFHB11 KRÁTKA, Dominika - KVANDOVÁ, Miroslava - BARANČÍK, Miroslav - DOVINOVÁ, Ima. Vplyv doxorubicínu na vývin patologických zmien v kardiovaskulárnom systéme a aditívny účinok kvercetínu. In *Zborník prednášok a posterov z XXIV. Biochemického zjazdu SSBMB a ČSBMB : 18.-21.9. 2014.* - Bratislava : ÚMFG SAV, 2014, p. 127. ISBN 978-80-970164-6-3. APVV-0348-12, VEGA 1/0147/14.
- AFHB12 KVANDOVÁ, Miroslava - KRÁTKA, Dominika - DOVINOVÁ, Ima. Účinky PPAR gama agonistu - pioglitazónu a kyseliny alfa-lipoovej u dospelých hypertenzných zvierat. In *Zborník prednášok a posterov z XXIV. Biochemického zjazdu SSBMB a ČSBMB : 18.-21. 9. 2014.* - Bratislava : ÚMFG SAV, 2014, p. 128-129. ISBN 978-80-970164-6-3. APVV-0348-12, VEGA 1/0147/14.
- AFHB13 MURÍNOVÁ, Jana. Effect of enrichment on the behavior of Sri Lanka leopard in ZOO Bratislava condition. In *Interaktívna konferencia mladých vedcov 2014. Book of abstracts 2014.* - Banská Bystrica : Preveda, 2014, abstract no. ISBN 978-80-970712-6-4.
- AFHB14 NÁMER, Pavol - SLEZÁK, Peter - WACZULÍKOVÁ, Iveta. Analýza vybraných modelov pre časový záznam stacionárnej anizotropie difenylhexatriénu v membránach erytrocytov onkologických pacientov. In *Interaktívna konferencia mladých vedcov 2012 : zborník abstraktov*. - Banská Bystrica : Občianske združenie Preveda, 2012, s. 86. ISBN 978-80-970712-2-6. MZ SR 2007/29-UK-06, VEGA 2/0101/12.
- AFHB15 OKRUHLICOVÁ, Ľudmila - KNEZL, Vladimír - NAVAROVÁ, Jana - SOTNÍKOVÁ, Ružena - FRIMMEL, Karel - BERNÁTOVÁ, Iveta. Kardioprotektívne účinky krátkodobej diéty obohatenej o omega-3 mastné kyseliny pri bakteriálnom inzulte. In *Cardiology Letters*, 2013, vol. 22, no. 2, p. 199. ISSN 1338-3655. VEGA 2/0108/10, VEGA 2/0065/13.
- AFHB16 ONDRIAŠ, Karol - KRISTEK, František - TOMÁŠOVÁ, Lenka - MÁLEKOVÁ, Ľubica - MIŠÁK, Anton - TOMÁŠEK, M. - WHITEMAN, Mathew. Effects of H2S donor AP39 on rat blood pressure and membrane channels. In *VIth. Slovak Biophysical Symposium : Program and Abstracts, 11-13.3.2014.* - Martin, 2014, p. 62. ISBN 978-80-89544-67-7. APVV-0074-11.
- AFHB17 PEČEŇÁK, Ján - RIEČANSKÝ, Igor. Endofenotyp ako známka biologickej vulnerability. In *Psychiatria pre prax : odborný program a abstrakty, XI. Slovenský psychiatrický zjazd*, 2014, roč. 15, suppl. 2, s. 55. ISSN 1337-446X.
- AFHB18 REGECOVÁ, Valéria - ŠIMURKA, Pavol - KELLEROVÁ, Eva. Štandardizácia merania krvného tlaku v pediatickej praxi. In *Cardiology Letters*, 2013, vol. 22, no. 2, p. 199-200. ISSN 1338-3655. VEGA 2/0084/10, APVV-0523-10.

- AFHB19 ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - ROVNÝ, Rastislav - SIEGL, C. - REPISKÁ, G. - MINÁRIK, G. - RIEČANSKÝ, Igor. Variabilita génu NOS1 a efektivita senzorimotorického gatingu. In *Lekársky obzor : odborný časopis Ministerstva zdravotníctva SR a Slovenskej postgraduálnej akadémie medicíny*, 2014, roč. LXIII, suplementum 1, s. 9. ISSN 0457-4214. MZ SR 2012/52-SAV-2, VEGA 2/0080/13, VEGA 2/0093/14.
- AFHB20 ROVNÝ, Rastislav - ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - SIEGL, C. - REPISKÁ, G. - MINÁRIK, G. - DRAGAŠEK, Jozef - RIEČANSKÝ, Igor. Súvislosť medzi variabilitou génu NOS1 a efektivitou senzorimotorického gatingu. In *Psychiatria pre prax : odborný program a abstrakty, XI. Slovenský psychiatrický zjazd*, 2014, roč. 15, suppl. 2, s. 60-61. ISSN 1337-446X. 2012/52-SAV-2, výskumný grant SPsS, VEGA 2/0080/13 a 2/0093/14.
- AFHB21 SÁRKOZIOVÁ, Nad'a - PÚZSEROVÁ, Angelika - BALIŠ, Peter - SLEZÁK, Peter - BERNÁTOVÁ, Iveta. Pohlavné rozdiely v endotelovej funkcii v modeloch primárnej (pre)hypertenzie u juvenilných potkanov - BHR a SHR. In *Interaktívna konferencia mladých vedcov 2014. Book of abstracts 2014.* - Banská Bystrica : Preveda, 2014, no. of abstract 1080. ISBN 978-80-970712-6-4. APVV-0523-10, VEGA 2/0084/14.
- AFHB22 SLEZÁK, Peter - PÚZSEROVÁ, Angelika - BALIŠ, Peter - ILOVSKÁ, Veronika - ŠESTÁKOVÁ, Natália - BERNÁTOVÁ, Iveta. Vplyv pohlavia na endotelovú funkciu u mladých WKY a SHR potkanov. In *Interaktívna konferencia mladých vedcov 2012 : zborník abstraktov.* - Banská Bystrica : Občianske združenie Preveda, 2012, s. 41. ISBN 978-80-970712-2-6. APVV-0523-10, VEGA 2/0084/10.
- AFHB23 STARÁ, Veronika - NAVAROVÁ, Jana - JANEGA, Pavol - SEDLÁČKOVÁ, Natália - MACH, Mojmir - UJHÁZY, Eduard - GÁSPÁROVÁ, Zdenka. Effect of vitamin C and pyridindole SMc1EC2 on the functional state of the rat hippocampus with trimethyltin-induced neurodegeneration. In *Miniconference of PhD. students 2014 : abstract booklet.* - Bratislava : Institute of Experimental Pharmacology & Toxicology, 2014, non-pag. VEGA 2/0048/11.
- AFHB24 TOMOVA, Livia - PRIPFL, Jorgen - RIEČANSKÝ, Igor - LAMM, Claus. Using transcranial magnetic stimulation to treat smoking addiction: behavioral and neural effects. In *Psychiatria pre prax*, 2013, roč. 14, suppl. 1, s. 36-37. ISSN 1337-446X.
- AFHB25 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - PAROHOVÁ, Jana - VRANKOVÁ, Stanislava - BARTA, Andrej - KOVÁČSOVÁ, Mária - PECHÁŇOVÁ, Oľga. Vplyv aliskirénu na krvný tlak a mechanické odpovede izolovanej mezenterickej tepny u spontánne hypertenzných potkanov. In *Cardiology Letters*, 2013, vol. 22, no. 2, p. 201. ISSN 1338-3655. VEGA 2/0183/13 a 2/0188/13.

AFK Foreign conferences posters

- AFK01 BERNÁTOVÁ, Iveta - KLUKNAVSKÝ, Michal - PÚZSEROVÁ, Angelika - BERÉNYIOVÁ, Andrea - DROBNÁ, Magdaléna - BALIŠ, Peter. (-)-Epikatechin prevents cardiovascular and behavioural disorders in young spontaneously

hypertensive rats. In *9th World Congress on Polyphenols Applications : ISANH*. - Malta : ISANH, 2015, p. 103. ISBN 978-2-35609-073-7.

- AFK02 KLUKNAVSKÝ, Michal - BALIŠ, Peter - PÚZSEROVÁ, Angelika - BERÉNYIOVÁ, Andrea - DROBNÁ, Magdaléna - BERNÁTOVÁ, Iveta. Preventívny účinok (-)-epikatechínu v rozvoji hypertenzie a behaviorálnej hyperaktivity u mladých spontánne hypertenzných potkanov. In *20. konferencia patologické a klinické fyziologie s mezinárodní účastí, Plzeň 22. -24.9. 2015 : sborník abstrakt.* - Plzeň, 2015, s. 24. ISBN 978-80-260-7934-7. VEGA 2/0084/14.
- AFK03 REHÁKOVÁ, Radoslava - KLIMENTOVÁ, Jana - CEBOVÁ, Martina - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - KOVÁČSOVÁ, Mária - ČAMBAL, Marek - LABAŠ, P. - PECHÁŇOVÁ, Oľga. Účinok ľahkej vody na aktivitu NO-syntázy v srdci a aorte u spontánne hypertenzných potkanov. In *20. konferencia patologické a klinické fyziologie s mezinárodní účastí, Plzeň 22. -24.9. 2015 : sborník abstrakt.* - Plzeň, 2015, s. 45. ISBN 978-80-260-7934-7. APVV-0742-10, VEGA 2/0183/12, VEGA 2/0144/14.
- AFK04 ROVNÝ, Rastislav - ROHÁRIKOVÁ, Veronika - MURÍNOVÁ, Jana - CIMROVÁ, Barbora - BENDŽALA, Štefan - REPISKÁ, G. - MINÁRIK, G. - KATINA, Stanislav - RIEČANSKÝ, Igor. The relationship between the genotype of neuronal nitric oxide synthase and sensorimotor gating in humans. In *European Brain and Behaviour Society & European Behavioural Pharmacology Society Joint Meeting, Verona, Italy, September, 12-15, 2015 : programme.* - Verona, 2015, non pag. MZ SR 2012/52-SAV-2; VEGA 2/0080/13, 2/0093/14, 2/0165/15.

AFL Domestic conferences posters

- AFL01 BARTA, Andrej - CEBOVÁ, Martina - KLIMENTOVÁ, Jana - VRANKOVÁ, Stanislava - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - KOVÁČSOVÁ, Mária - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - KOPČANSKÝ, Peter - PECHÁŇOVÁ, Oľga. Structural changes in myocardium and aorta after aliskiren-induced inhibition of renin-angiotensin-aldosterone system. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia.* - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 61. ISBN 978-80-224-1452-4. VEGA 2/0165/15, 2/0144/14, APVV-14-0932.
- AFL02 CEBOVÁ, Martina - KNOWLES, Catherine J. - PREDA, Marilena - VARY, Calvin - PINZ, Ilka M. Maternal obesity "rafting" offspring toward cardiovascular disease: Palmitate exposure in utero causes systolic and vascular dysfunction via modified lipid raft structure. In *Cardiology Letters*, 2015, vol. 24, suppl. 1, p. 14S. ISSN 1338-3655. XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava : abstrakty prednášok a posterov.
- AFL03 CEBOVÁ, Martina - KLIMENTOVÁ, Jana - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - REHÁKOVÁ, Radoslava - PECHÁŇOVÁ, Oľga. The effect of aronia melanocarpa on cardiovascular system in L-NAME-induced hypertension. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice,*

Slovakia. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 63. ISBN 978-80-224-1452-4. VEGA 2/0165/15, 2/0144/14, APVV-14-0932.

- AFL04 ČAČÁNYIOVÁ, Soňa - BERÉNYIOVÁ, Andrea - KRISTEK, František - DROBNÁ, Magdaléna. Adaptačné vazoaktívne vlastnosti hrudnej aorty mladých normotenzných a spontánne hypertenzných potkanov. In *Cardiology Letters*, 2015, vol. 24, suppl. 1, p. 13S. ISSN 1338-3655. XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava : abstrakty prednášok a posterov. VEGA 2/0074/14, MZ SR 2012/51-SAV-1.
- AFL05 KLUKNAVSKÝ, Michal - BALIŠ, Peter - PÚZSEROVÁ, Angelika - BERNÁTOVÁ, Iveta. (-)-Epicatechin reduced blood pressure, motor activity and improved vascular reactivity in young spontaneously hypertensive male rats. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 77. ISBN 978-80-224-1452-4. VEGA 2/0084/14.
- AFL06 LUKÁČ, Štefan - PÚZSEROVÁ, Angelika - MUCHOVÁ, Jana. Epikatechínom indukované zmeny v experimentálnej hypertenzii. In *Medirex Group Academy pre mladých, 15.-16. mája 2015 : odborný program a abstrakty*. - Bratislava, 2015, s.24-25. ISBN 978-80-971340-6-8.
- AFL07 LUKÁČ, Štefan - PÚZSEROVÁ, Angelika - MUCHOVÁ, Jana - BALIŠ, Peter - HORVÁTHOVÁ, M. - DEÁKOVÁ, Zuzana - DVOŘÁKOVÁ, M. - BERNÁTOVÁ, Iveta. Inhibícia rozvoja spontánnej hypertenzie prírodným polyfenolom - experimentálna štúdia. In *Cardiology Letters*, 2015, vol. 24, suppl. 1, p. 23S-24S. ISSN 1338-3655. XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava : abstrakty prednášok a posterov.
- AFL08 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - KLIMENTOVÁ, Jana - CEBOVÁ, Martina - KOVÁČSOVÁ, Mária - BARTA, Andrej - PECHÁŇOVÁ, Oľga. Age-dependent changes of aortic nitric oxide generation in experimental metabolic syndrome. In *Cardiology Letters : XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava, abstrakty prednášok a posterov*, 2015, vol. 24, suppl. 1, p. 25S. ISSN 1338-3655. APVV-0742-10, VEGA 2/0183/12, 2/0144/14.
- AFL09 MATÚŠKOVÁ, Zuzana - VRANKOVÁ, Stanislava - BARTA, Andrej - MURÍNOVÁ, Jana - KLIMENTOVÁ, Jana - KOVÁČSOVÁ, Mária - REHÁKOVÁ, Radoslava - CEBOVÁ, Martina - RIEČANSKÝ, Igor - PECHÁŇOVÁ, Oľga. Social-isolation rearing and changes of nitric oxide synthase activity in brain and cardiovascular system. In *Advances in Cardiovascular Research : From the bench to the patient's bed, Program & Book of Abstracts, 2-5 September 2015, Smolenice, Slovakia*. - Bratislava : VEDA, Publishing House of the Slovak Academy of Sciences, 2015, p. 81. ISBN 978-80-224-1452-4.

- AFL10 PÚZSEROVÁ, Angelika - BALIŠ, Peter - KLUKNAVSKÝ, Michal - SLEZÁK, Peter - BERNÁTOVÁ, Iveta. Vplyv sociálneho stresu vo vývinovo-senzitívnom období na funkciu endotelu u potkanov s genetickou predispozíciou k hypertenzii. In *Cardiology Letters : XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava, abstrakty prednášok a posterov*, 2015, vol. 24, suppl. 1, p. 28S-29S. ISSN 1338-3655. APVV-0523-10, VEGA 2/0084/14 a grant Slovenskej kardiologickej spoločnosti.
- AFL11 REGECOVÁ, Valéria - ŠIMURKA, P. - BARÁKOVÁ, A. - MAŠURA, J. Charakteristika pacientov v registri primárnej hypertenzie detí a mládeže evidovaných v Národnom centre zdravotníckych informácií. In *Cardiology Letters : XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava, abstrakty prednášok a posterov*, 2015, vol. 24, suppl. 1, p. 29S. ISSN 1338-3655. APVV-0348-12, VEGA 2/0084/14.
- AFL12 REHÁKOVÁ, Radoslava - KLIMENTOVÁ, Jana - CEBOVÁ, Martina - BARTA, Andrej - MATÚŠKOVÁ, Zuzana - KOVÁČSOVÁ, Mária - ČAMBAL, Marek - LABAŠ, P. - PECHÁŇOVÁ, Oľga. Účinok ľahkej vody na aktivitu NO-syntázy v srdci a aorte pri experimentálnom modeli hypertenzie. In *Cardiology Letters : XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava, abstrakty prednášok a posterov*, 2015, vol. 24, suppl. 1, p. 30S. ISSN 1338-3655.
- AFL13 TÖRÖK, Jozef - ZEMANČÍKOVÁ, Anna - KOCIANOVÁ, Z. Duálna modulácia arteriálnej kontrakcie perivaskulárnym tukovým tkanivom. In *Cardiology Letters : XX. kongres Slovenskej kardiologickej spoločnosti s medzinárodnou účasťou, 8.-10. október 2015, Bratislava, abstrakty prednášok a posterov*, 2015, vol. 24, suppl. 1, p. 32S. ISSN 1338-3655. VEGA 2/0202/15.

BCB Textbooks for primary and secondary schools

- BCB01 PECHÁŇOVÁ, Oľga. *Nitric Oxide in Cardiovascular Physiology and Pathophysiology : teaching text*. Bratislava, 2014. 1 CD-ROM. Názov z CD. Požaduje sa Acrobat Reader. ISBN 978-80-971699-1-6.

BCK Chapters in textbooks for primary and secondary schools, university course materials and instructional texts

- BCK01 CIMROVÁ, Barbora. Neuroveda - strategická oblasť výskumu v kognitívnej vede [Neuroscience – a strategic research field in cognitive science]. In *Sborník studijních materiálov ke kurzu Kognitivní věda a umělá inteligence*. - Hradec Králové : Gaudeamus, 2013, s. 22-35. ISBN 978-80-7435-272-0.

BDFB Professional papers in other domestic non-impacted journals (not registered in CCC)

- BDFB01 EGAN BEŇOVÁ, Tamara - PÚZSEROVÁ, Angelika. Letná škola hypertenzie (2012 ESH Summer school) [2012 ESH Summer school of hypertension]. In *Cardiology Letters*, 2012, vol. 21, no.6, p. 546-548. ISSN 1338-3655.

BFBA Abstracts of scientific papers from international action in Slovakia

BFBA01 ANTAL, Iryna - KUBOVČÍKOVÁ, Martina - PECHANOVÁ, O. - BARTA, Andrej - CEBOVÁ, Martina - KOVÁCSOVÁ, Mária - KONERACKÁ, Martina - ZÁVIŠOVÁ, Vlasta - JURÍKOVÁ, Alena - KOPČANSKÝ, Peter. Aliskiren loaded PLA nanospheres: preparation, physicochemical characterization, in vitro release and in vivo effect. In *SSB 2013: 8th International Conference Structure and Stability of Biomacromolecules, September 10 - 13, 2013, Košice, Slovakia : book of contributions.* - Košice : Institute of Experimental Physics, Slovak Academy of Sciences, 2013, short communication, abstract SC11, p. 75-76. ISBN 978-80-89656-01-1.

FAI Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)

FAI01 *Proceedings of the Joint Meeting of The 8th International Symposium Nitric Oxide: From Basic Regulations to Lifestyle-Related Diseases and The 2nd Genetic and Environmental Factors in Hypertension : Vrsar, Croatia, September 15-19, 2014.* Reviewer Michaela Adamcová, editor Iveta Bernátová. Bratislava : Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, 2014. 175 p. ISBN 978-80-971699-0-9.

FAI02 *Abstracts of the 7th International Posture Symposium : Smolenice Castle, Slovak Republic, September 6-9, 2015.* Editors: František Hlavačka, Jana Lobotková. Reviewers: Diana Bzdúšková, Erika Zemková, Peter Valkovič. Bratislava : Institute of Normal and Pathological Physiology, SAS, 2015. 96 p. ISBN 978-80-971699-2-3.

FAI03 *Regulačné mechanizmy v patofyziológii hypertenzie.* Editori: František Kristek, Soňa Čačányiová, Jozef Török, recenzenti: M. Bernadič, Pavol Švorc. Bratislava : Petrus, 2015. 183 s. ISBN 978-80-89233-76-2.

GHG Works published on the internet

GHG01 PÚZSEROVÁ, Angelika - BALIŠ, Peter - BALIŠOVÁ, Zuzana - BERNÁTOVÁ, Iveta. Krvný tlak a čokoláda [Blood pressure and chocolate]. In *Poster.us.sk : portál pre odborné publikovanie*, 2014, roč. 7, č. 10, p. 1-7. ISSN 1338-0087. VEGA 2/0084/14. Názov z obrazovky. Požaduje sa Acrobat Reader. Dostupné na internete: <<http://www.poster.us.sk/>>.

GHG02 PÚZSEROVÁ, Angelika - SIMKOVÁ, Stanislava - VARGA, Zoltán - BERNÁTOVÁ, Iveta. Vysoký krvný tlak a jeho liečba pomocou modulácie renín-angiotenzínového systému [High blood pressure and its treatment by modulating of the renin-angiotensin-aldosterone system]. In *Poster.us.sk : portál pre odborné publikovanie*, 2013, roč. 6, č. 11, p. 1-9. ISSN 1338-0087. APVV-0523-10, VEGA 2/0084/10. Názov z obrazovky. Požaduje sa Acrobat Reader. Dostupné na internete: <<http://www.poster.us.sk/?p=16556>>.