

Publikácie / Publications

Department: SAVMOMEK - Molekulárno-medicínske centrum. Bratislava
Year of publication 2012~2015

Statistics publication category

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AFG	Abstracts of papers from foreign conferences	15
AFH	Abstracts of papers from domestic conferences	13
Count		115

ABC Chapters in scientific monographs published abroad

ABC01 CELEC, Peter - MUCSKA, Imrich - HODOSY, Július. Oxidative Stress in Sleep Apnea. In *Modulation of Sleep by Obesity, Diabetes, Age, and Diet*. - Academic Press, 2014, p. 303-309. ISBN 978-012420168-2.

ABD Chapters in scientific monographs published in Slovak publishing houses

ABD01 KRŠKOVÁ, Katarína - ZÓRAD, Štefan. Renín-angiotenzínový systém. In *Regulačné mechanizmy v patofyziológii hypertenzie*. - Bratislava : Petrus, 2015, s. 51-62. ISBN 978-80-89233-76-2.

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

ADCA01 BÁBÍČKOVÁ, Janka - GARDLIK, Roman. Pathological and therapeutic interactions between bacteriophages, microbes and the host in inflammatory bowel disease. In *World Journal of Gastroenterology*, 2015, vol. 21, no. 40, p. 11321-11330. (2.369 - IF2014). (2015 - Current Contents). ISSN 1007-9327.

ADCA02 BÁBÍČKOVÁ, Janka - TÓTHOVÁ, Ľubomíra - LENGYELOVÁ, Eva - BARTOŇOVÁ, Anastázia - HODOSY, Július - GARDLIK, Roman - CELEC, Peter. Sex Differences in Experimentally Induced Colitis in Mice : a Role for Estrogens. In *Inflammation*, 2015, vol. 38, no. 5, p. 1996-2006. (2.208 - IF2014). (2015 - Current Contents). ISSN 0360-3997.

ADCA03 BÁBÍČKOVÁ, Janka - BORBÉLYOVÁ, Veronika - TÓTHOVÁ, Ľubomíra - KUBÍŠOVÁ, Katarína - JANEGA, Pavol - HODOSY, Július - CELEC, Peter. The Renal Effects of Prenatal Testosterone in Rats. In *Journal of Urology*, 2015, vol. 193, no. 5, p. 1700-1708. (4.471 - IF2014). (2015 - Current Contents). ISSN 0022-5347.

ADCA04 BAŇASOVÁ, Lenka - KAMODYOVÁ, Natália - JANŠÁKOVÁ, Katarína - TÓTHOVÁ, Ľubomíra - STANKO, Peter - TURŇA, Ján - CELEC, Peter. Salivary DNA and markers of oxidative stress in patients with chronic periodontitis. In *Clinical Oral Investigations*, 2015, vol. 19, no. 2, p. 201-207. (2.352 - IF2014). (2015 - Current Contents). ISSN 1432-6981.

ADCA05 BERÉNYIOVÁ, Andrea - GRMAN, Marián - MIJUSKOVIC, A. - STAŠKO, Andrej - MIŠÁK, Anton - NAGY, Peter - ONDRIAŠOVÁ, Elena - ČAČANYIOVÁ, 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.

ADCA06 CELEC, Peter - TÓTHOVÁ, Ľubomíra - ŠEBEKOVÁ, Katarína - PODRACKÁ, Ľudmila - BOOR, Peter. Salivary markers of kidney function - Potentials and limitations. In *Clinica chimica acta*, 2015, vol. 453, p. 28-37. (2.824 - IF2014). (2015 - Current Contents). ISSN 0009-8981.

ADCA07 CELEC, Peter - MUCSKA, Imrich - OSTATNÍKOVÁ, Daniela - HODOSY, Július. Testosterone and estradiol are not affected in male and female patients with obstructive sleep apnea treated with continuous positive airway pressure. In *Journal Of Endocrinological Investigation*, 2014, vol. 37, no. 1, p. 9-12. (1.552 - IF2013). ISSN 0391-4097.

ADCA08 CORTESE-KROTT, Miriam M. - KUHNLE, Gunter G.C. - DYSON, Alex - FERNANDEZ, Bernadette O. - GRMAN, Marián - DUMOND, Jenna F. -

BARROW, Mark p. - MCLEOD, George - NAKAGAWA, Hidehiko - ONDRIAS, Karol - NAGY, Péter - KING, Bruce S. - SAAVEDRA, Joseph E. - KEEFER, Larry K. - SINGER, Mervyn - KELM, Malte - BUTLER, Anthony - FEELISCH, Martin. Key bioactive reaction products of the NO/H₂S interaction are S/N-hybrid species, polysulfides and nitroxyl. In *Proceedings of the National Academy of Sciences of the United States of America*, 2015, vol. 112, iss. 34, p. E4651-E4660. (9.674 - IF2014). (2015 - Current Contents). ISSN 0027-8424. APVV-0074-11.

ADCA09 DITTE, Zuzana - DITTE, Peter - LABUDOVÁ, Martina - ŠIMKO, Veronika - JULIANO, Filippo - ZAŤOVIČOVÁ, Miriam - CSÁDEROVÁ, Lucia - PASTOREKOVÁ, Silvia - PASTOREK, Jaromír. Carnosine inhibits carbonic anhydrase IX-mediated extracellular acidosis and suppresses growth of HeLa tumor xenografts. In *BMC Cancer*, 2014, vol. 14, no. 1, p. 358-370. (3.319 - IF2013). (2014 - Current Contents). ISSN 1471-2407.

ADCA10 DROBNÁ, Magdaléna - MIŠÁK, Anton - HOLLAND, T. - KRISTEK, František - GRMAN, Marián - TOMÁŠOVÁ, Lenka - BERÉNYIOVÁ, Andrea - ČAČANYIOVÁ, 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.

ADCA11 GAJDOŠECHOVÁ, Lucia - KRŠKOVÁ, Katarína - OLSZANECKI, Rafal - ZÓRAD, Štefan. Differential regulation of oxytocin receptor in various adipose tissue depots and skeletal muscle types in obese Zucker rats. In *Hormone and Metabolic research*, 2015, vol. 47, no. 8, p. 600-604. (2.121 - IF2014). (2015 - Current Contents). ISSN 0018-5043.

ADCA12 GARAFOVÁ, Alexandra - PENESOVÁ, Adela - ČIŽMÁROVÁ, E. - MARKO, Andrea - VLČEK, Miroslav - JEŽOVÁ, Daniela. Cardiovascular and sympathetic responses to a mental stress task in young patients with hypertension and/or Obesity. In *Physiological Research*, 2014, vol. 63, suppl. 4, p. S459-S467. (1.487 - IF2013). (2014 - Current Contents). ISSN 0862-8408.

ADCA13 IMRICH, Richard - NIKOLOV, N. P. - BEBRIS, L. - ALEVIZOS, I. - GOLDSTEIN, D. S. - HOLMES, C.S. - ILLEI, G. Adrenomedullary Response to Glucagon in Patients with Primary Sjogren's Syndrome. In *Cellular and Molecular Neurobiology*, 2012, vol. 32, no.5, p. 903-906. (1.969 - IF2011). (2012 - Current Contents). ISSN 0272-4340.

ADCA14 IMRICH, Richard - VLČEK, Miroslav - KERLIK, Jana - VOGESER, M. - KIRCHHOFF, F. - PENESOVÁ, Adela - RÁDIKOVÁ, Žofia - LUKAC, J. - ROVENSKÝ, Jozef. Determinants of adrenal androgen hypofunction in premenopausal females with rheumatoid arthritis. In *Physiological Research*, 2014, vol. 63, no. 3, p. 321-329. (1.487 - IF2013). (2014 - Current Contents). ISSN 0862-8408.

ADCA15 JANKOVIČOVÁ, B. - ŠKULTÉTY, Ľudovít - DUBROVČÁKOVÁ, Mária - STERN, Martin - BILKOVÁ, Z. - LAKOTA, Ján. Overlap of epitopes recognized

by anti-carbonic anhydrase I IgG in patients with malignancy-related aplastic anemia-like syndrome and in patients with aplastic anemia. In *Immunology Letters*, 2013, vol. 153, no. 1-2, p. 47-49. (2.337 - IF2012). (2013 - Current Contents). ISSN 0165-2478.

- ADCA16 KACEROVSKÝ, Marian - TÓTHOVÁ, Ľubomíra - MENON, Ramkumar - VLKOVÁ, Barbora - MUSILOVÁ, Ivana - HORNYCHOVÁ, Helena - PROCHÁZKA, Martin - CELEC, Peter. Amniotic fluid markers of oxidative stress in pregnancies complicated by preterm prelabor rupture of membranes. In *Journal of Maternal-Fetal and Neonatal Medicine*, 2015, vol. 28, no. 11, p. 1250-1259. (1.367 - IF2014). (2015 - Current Contents). ISSN 1476-7058.
- ADCA17 KAMODYOVÁ, Natália - MINÁRIK, Gabriel - HODOSY, Július - CELEC, Peter. Single consumption of Bryndza cheese temporarily affects oral microbiota and salivary markers of oxidative stress. In *Current Microbiology*, 2014, vol. 69, no. 5, p. 716-724. (1.359 - IF2013). (2014 - Current Contents). ISSN 0343-8651.
- ADCA18 KARLÍK, Martin - VALKOVIČ, Peter - HANČINOVÁ, Viera - KRÍŽOVÁ, Lucia - TÓTHOVÁ, Ľubomíra - CELEC, Peter. Markers of oxidative stress in plasma and saliva in patients with multiple sclerosis. In *Clinical Biochemistry*, 2015, vol. 48, no. 1-2, p. 24-28. (2.275 - IF2014). (2015 - Current Contents). ISSN 0009-9120.
- ADCA19 KLUBICOVÁ, Katarína - DANCHENKO, Maksym - ŠKULTÉTY, Ľudovít - BEREZHNA, Valentyna V. - RASHYDOV, N.M. - HAJDUCH, Martin. Radioactive Chernobyl Environment Has Produced High-Oil Flax Seeds That Show Proteome Alterations Related to Carbon Metabolism during Seed Development. In *Journal of Proteome Research*, 2013, vol. 12, no. 11, p. 4799-4806. (5.056 - IF2012). (2013 - Current Contents). ISSN 1535-3893.
- ADCA20 KONEČNÁ, Barbora - VLKOVÁ, Barbora - CELEC, Peter. Role of fetal DNA in preeclampsia. In *International Journal of Molecular Medicine*, 2015, vol. 35, no. 2, p. 299-304. (2.088 - IF2014). (2015 - Current Contents). ISSN 1107-3756.
- ADCA21 KORBULY, Michaela - KOVARIKOVÁ, Anna - ŠVEC, Peter - KANKURI, Esko - SEDLÁK, Ján. Immunophenotypic profile of nucleated erythroid progenitors during maturation in regenerating bone marrow. In *Leukemia & lymphoma*, 2013, vol. 54, no. 11, p. 2523-2530. (2.301 - IF2012). (2013 - Current Contents). ISSN 1042-8194.
- ADCA22 KRIŽANOVÁ, Oľga - STELIAROVÁ, Iveta - CSÁDEROVÁ, Lucia - PASTOREK, Michal - HUDECOVÁ, Soňa. Capsaicin induces apoptosis in PC12 cells through ER stress. In *Oncology Reports*, 2014, vol. 31, no. 2, p. 581-588. (2.191 - IF2013). (2014 - Current Contents). ISSN 1021-335X. APVV-0045-11, VEGA 2/0074/13, CEMAN.
- ADCA23 LAUKOVÁ, Marcela - VARGOVIČ, Peter - CSÁDEROVÁ, Lucia - CHOVANOVÁ, Lucia - VLČEK, Miroslav - IMRICH, Richard - KRIŽANOVÁ, Oľga - KVETŇANSKÝ, Richard. Acute stress differently modulates Beta 1, Beta 2 and Beta 3 adrenoceptors in T cells, but not in B cells, from the rat spleen. In

Neuroimmunomodulation, 2012, vol.19, no. 2, p. 69-78. (2.383 - IF2011). (2012 - Current Contents). ISSN 1021-7401. VEGA 2/0036/11, 2/0188/09, 2/0049/10, NFM/EEA SK0095.

- ADCA24 LENČEŠOVÁ, Ľubomíra - HUDECOVÁ, Soňa - CSÁDEROVÁ, Lucia - MARKOVÁ, Jana - ŠOLTÝSOVÁ, Andrea - PASTOREK, Michal - SEDLÁK, Ján - WOOD, M.E. - WHITEMAN, Mathew - ONDRIAŠ, Karol - KRIŽANOVÁ, Oľga. Sulphide signalling potentiates apoptosis through the up-regulation of IP3 receptors types 1 and 2. In *Acta Physiologica : official journal of the Federation of European Physiological Societies*, 2013, vol. 208, no. 4, p. 350-361. (4.382 - IF2012). (2013 - Current Contents). ISSN 1748-1708. APVV-0045-11, VEGA 2/0074/13, CEMAN.
- ADCA25 MRAVCOVÁ, Martina - CHOVANOVÁ, Lucia - PAULIKOVA, L. - VLČEK, Miroslav - ROVENSKÝ, Jozef - KILLINGER, Z. - WENDL, J. - IMRICH, Richard. Genetics of neuroendocrine factors in rheumatoid arthritis. In *Hormone and Metabolic research*, 2015, vol. 47, no. 6, p. 411-417. (2.121 - IF2014). (2015 - Current Contents). ISSN 0018-5043.
- ADCA26 NANJO, Y. - ŠKULTÉTY, Ľudovít - UVÁČKOVÁ, Ľubica - KLUBICOVÁ, Katarína - HAJDUCH, Martin - KOMATSU, S. Mass spectrometry-based analysis of proteomic changes in the root tips of flooded soybean seedlings. In *Journal of Proteome Research*, 2012, vol. 11, no.1, p. 372-385. (5.113 - IF2011). (2012 - Current Contents). ISSN 1535-3893.
- ADCA27 PACAK, K. - ŠÍROVÁ, Marta - GIUBELLINO, A - LENČEŠOVÁ, Ľubomíra - CSÁDEROVÁ, Lucia - LAUKOVÁ, Marcela - HUDECOVÁ, Soňa - KRIŽANOVÁ, Oľga. NF- κ B inhibition significantly upregulates the norepinephrine transporter system, causes apoptosis in pheochromocytoma cell lines and prevents metastasis in an animal model. In *International Journal of Cancer*, 2012, vol. 31, no. 10, p. 2445-2455. (5.444 - IF2011). (2012 - Current Contents). ISSN 0020-7136. VEGA 2/0049/10, APVV 51/0397.
- ADCA28 PASTOREK, Michal - ŠIMKO, Veronika - TAKÁČOVÁ, Martina - BARÁTHOVÁ, Monika - BARTOŠOVÁ, Mária - HUNÁKOVÁ, Ľubica - SEDLÁKOVÁ, Oľga - HUDECOVÁ, Soňa - KRIŽANOVÁ, Oľga - DEQUIEDT, F. - PASTOREKOVÁ, Silvia - SEDLÁK, Ján. Sulforaphane reduces molecular response to hypoxia in ovarian tumor cells independently of their resistance to chemotherapy. In *International Journal of Oncology*, 2015, vol. 47, no. 1, p. 51-60. (3.025 - IF2014). (2015 - Current Contents). ISSN 1019-6439.
- ADCA29 PENESOVÁ, Adela - VLČEK, Miroslav - IMRICH, Richard - VERNEROVÁ, Lucia - MARKO, Andrea - MEŠKOVÁ, Milada - GRUNNEROVA, Lucia - TURČÁNI, Peter - JEŽOVÁ, Daniela - KOLLÁR, Branislav. Hyperinsulinemia in newly diagnosed patients with multiple sclerosis. In *Metabolic Brain Disease*, 2015, vol. 30, no. 4, p. 895-901. (2.638 - IF2014). ISSN 0885-7490.
- ADCA30 PENESOVÁ, Adela - RÁDIKOVÁ, Žofia - VLČEK, Miroslav - KERLIK, Jana - LUKÁČ, J. - ROVENSKÝ, Jozef - IMRICH, Richard. Chronic inflammation and low-dose glucocorticoid effects on glucose metabolism in premenopausal females with rheumatoid arthritis free of conventional metabolic risk factors. In

Physiological Research, 2013, vol. 62, no. 1, p. 75-83. (1.531 - IF2012). (2013 - Current Contents). ISSN 0862-8408.

ADCA31 PENESOVÁ, Adela - KOŠKA, Juraj - ORTEGA, Emilio - BUNT, J. C. - BOGARDUS, C. - DE COURTEN, Barbora. Salsalate has no effect on insulin secretion but decreases insulin clearance: A randomized, placebo-controlled trial in subjects without diabetes. In *Diabetes obesity & metabolism*, 2015, vol. 17, no. 6, p. 608-612. (6.360 - IF2014). (2015 - Current Contents). ISSN 1462-8902.

ADCA32 RADVÁK, Peter - REPIČ, Anna - ŠVASTOVÁ, Eliška - TAKÁČOVÁ, Martina - CSÁDEROVÁ, Lucia - STRNAD, H. - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia - KOPÁČEK, Juraj. Suppression of carbonic anhydrase IX leads to aberrant focal adhesion and decreased invasion of tumor cells. In *Oncology Reports*, 2013, vol. 29, no. 3, p. 1147-1153. (2.297 - IF2012). (2013 - Current Contents). ISSN 1021-335X.

ADCA33 STANÍK, Juraj - DUSATKOVA, P. - CINEK, O. - VALENTÍNOVÁ, Lucia - HUČKOVÁ, Miroslava - ŠKOPKOVÁ, Martina - DUSATKOVA, Lenka - STANÍKOVÁ, Daniela - PURA, M. - KLIMEŠ, Iwar - LEBL, Ján - GAŠPERÍKOVÁ, Daniela - PRUHOVA, S. De novo mutations of GCK, HNF1A and HNF4A may be more frequent in MODY than previously assumed. In *Diabetologia : clinical and Experimental Diabetes and Metabolism*, 2014, vol. 57, no. 3, p. 480-484. (6.880 - IF2013). (2014 - Current Contents). ISSN 0012-186X.

ADCA34 STRAČINA, Tibor - SLANINOVÁ, Iva - POLANSKÁ, Hana - AXMANOVÁ, Martina - OLEJNÍČKOVÁ, Veronika - KONEČNÝ, P. - MASARIK, Michal - KRIŽANOVÁ, Oľga - NOVÁKOVÁ, Marie. Long-Term Haloperidol Treatment Prolongs QT Interval and Increases Expression of Sigma 1 and IP3 Receptors in Guinea Pig Hearts. In *Tohoku Journal of Experimental Medicine*, 2015, vol. 236, no. 3, p. 199-207. (1.351 - IF2014). (2015 - Current Contents). ISSN 0040-8727.

ADCA35 ŠOLTYSOVÁ, A. - BREZA, J. - TAKÁČOVÁ, Martina - FERUSZOVÁ, J. - HUDECOVÁ, S. - NOVOTNÁ, B. - ROZBORILOVÁ, E. - PASTOREKOVÁ, Silvia - KÁDAŠI, Ľudevít - KRIŽANOVÁ, Oľga. Deregulation of energetic metabolism in the clear cell renal cell carcinoma: A multiple pathway analysis based on microarray profiling. In *International Journal of Oncology*, 2015, vol. 47, no. 1, p. 287-295. (3.025 - IF2014). (2015 - Current Contents). ISSN 1019-6439.

ADCA36 ŠVANČAROVÁ, Petra - SVETLÍKOVÁ, Darina - BETÁKOVÁ, Tatiana. Synergic and antagonistic effect of small hairpin RNAs targeting the NS gene of the influenza A virus in cells and mice. In *Virus Research : An International Journal of Molecular and Cellular Virology*, 2015, vol. 195, p. 100-111. (2.324 - IF2014). (2015 - Current Contents). ISSN 0168-1702.

ADCA37 ŠVASTOVÁ, Eliška - WITARSKI, Wojciech - CSÁDEROVÁ, Lucia - KOŠÍK, Ivan - ŠKVARKOVÁ, Lucia - HULÍKOVÁ, Alžbeta - ZAŤOVIČOVÁ, Miriam - BARÁTHOVÁ, Monika - KOPÁČEK, Juraj - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. Carbonic anhydrase IX interacts with bicarbonate transporters in lamellipodia and increases cell migration via its catalytic domain. In

Journal of Biological Chemistry, 2012, vol. 287, no. 5, p. 3392-3402. (4.773 - IF2011). (2012 - Current Contents). ISSN 0021-9258.

- ADCA38 TAKÁČOVÁ, Martina - BULLOVÁ, Petra - ŠIMKO, Veronika - ŠKVARKOVÁ, Lucia - POTURNAJOVÁ, M. - FEKETE OVÁ, L. - BABÁL, P. - KIVELA, A.J. - KUOPIO, T. - KOPÁČEK, Juraj - PASTOREK, Jaromír - PARKKILA, S. - PASTOREKOVÁ, Silvia. Expression Pattern of Carbonic Anhydrase IX in MedullaryThyroid Carcinoma Supports a Role for RET-MediatedActivation of the HIF Pathway. In *American Journal of Pathology*, 2014, vol. 184, no.4, p. 953-965. (4.602 - IF2013). (2014 - Current Contents). ISSN 0002-9440.
- ADCA39 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 - ONDRIAŠ, 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.
- ADCA40 TOMKOVÁ, Soňa - TELEPKOVÁ, Danica - VAŇUGA, P. - KILLINGER, Z. - ŠULKOVÁ, Ivana - CELEC, Peter - PAYER, Juraj. Therapeutic adherence to osteoporosis treatment. In *International Journal of Clinical Pharmacology and Therapeutics*, 2014, vol. 52, no. 8, p. 663-668. (1.044 - IF2013). (2014 - Current Contents). ISSN 0946-1965.
- ADCA41 TÓTHOVÁ, Ľubomíra - BÁBÍČKOVÁ, Janka - BORBÉLYOVÁ, Veronika - FILOVÁ, Barbora - ŠEBEKOVÁ, Katarína - HODOSY, Július. Chronic renal insufficiency does not induce behavioral and cognitive alteration in rats. In *Physiology & Behavior*, 2015, vol. 138, p. 133-140. (2.976 - IF2014). (2015 - Current Contents). ISSN 0031-9384.
- ADCA42 UVÁČKOVÁ, Ľubica - ŠKULTÉTY, Ľudovít - BEKEŠOVÁ, Slávka - MCCLAIN, S. - HAJDUCH, Martin. MS(E) Based Multiplex Protein Analysis Quantified Important Allergenic Proteins and Detected Relevant Peptides Carrying Known Epitopes in Wheat Grain Extracts. In *Journal of Proteome Research*, 2013, vol. 12, no..11, p. 4862-4869. (5.056 - IF2012). (2013 - Current Contents). ISSN 1535-3893.
- ADCA43 UVÁČKOVÁ, Ľubica - ŠKULTÉTY, Ľudovít - BEKEŠOVÁ, Slávka - MCCLAIN, S. - HAJDUCH, Martin. The MS(E) - proteomic analysis of gliadins and glutenins in wheat grain identifies and quantifies proteins associated with celiac disease and baker's asthma. In *Journal of Proteomics*, 2013, vol. 93, p. 65-73. (4.088 - IF2012). (2013 - Current Contents). ISSN 1874-3919.
- ADCA44 VARGA, Lukáš - KABÁTOVÁ, Zuzana - MAŠINDOVÁ, I. - NECHOJDOMOVÁ, Daniela - GAŠPERÍKOVÁ, Daniela - KLIMEŠ, Iwar -

PROFANT, Milan. Is deafness etiology important for prediction of functional outcomes in pediatric cochlear implantation? In *Acta Oto-Laryngologica*, 2014, vol. 134, no. 6, p. 571-578. (0.990 - IF2013). (2014 - Current Contents). ISSN 0001-6489.

ADCA45 VARGA, Lukáš - MAŠINDOVÁ, I. - HUČKOVÁ, Miroslava - KABÁTOVÁ, Z. - GAŠPERÍKOVÁ, Daniela - KLIMEŠ, Iwar - PROFANT, M. Prevalence of DFNB1 mutations among cochlear implant users in Slovakia and its clinical implications. In *European Archives of Oto-Rhino-Laryngology*, 2014, vol. 271, no. 6, p. 1401-1407. (1.608 - IF2013). (2014 - Current Contents). ISSN 0937-4477.

ADCA46 VLKOVÁ, Barbora - TURŇA, Ján - CELEC, Peter. Fetal DNA in maternal plasma in preeclamptic pregnancies. In *Hypertension in Pregnancy*, 2015, vol. 34, no. 1, p. 36-49. (1.407 - IF2014). (2015 - Current Contents). ISSN 1064-1955.

ADCB Scientific papers in foreign journals registered in Current Contents Connect without IF (non-impacted)

ADCB01 IMRICH, Richard - ALEVIZOS, I. - BEBRIS, L. - GOLDSTEIN, D. S. - HOLMES, C.S. - ILLEI, G. - NIKOLOV, N. P. Predominant Glandular Cholinergic Dysautonomia in Patients With Primary Sjögren's Syndrome. In *Arthritis and Rheumatology*, 2015, vol. 67, no. 5, p. 1345-1352. ISSN 2326-5205.

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

ADDA01 BETÁKOVÁ, Tatiana - SVETLÍKOVÁ, Darina - GOCNÍK, Michal. Overview of measles and mumps vaccine: origin, present, and future of vaccine production. In *Acta Virologica : international journal*, 2013, vol. 57, no. 2, p. 91-96. (0.759 - IF2012). (2013 - Current Contents). ISSN 0001-723X.

ADDA02 BETÁKOVÁ, Tatiana - ŠVANČAROVÁ, Petra. Role and application of RNA interference in replication of influenza viruses. In *Acta Virologica : international journal*, 2013, vol. 57, no. 2, p. 97-104. (0.759 - IF2012). (2013 - Current Contents). ISSN 0001-723X.

ADDA03 CHOVANOVÁ, Lucia - VLČEK, Miroslav - KRŠKOVÁ, Katarína - PENESOVÁ, Adela - RÁDIKOVÁ, Žofia - ROVENSKÝ, Jozef - CHOLUJOVÁ, Dana - SEDLÁK, Ján - IMRICH, Richard. Increased production of IL-6 and IL-17 in lipopolysaccharide-stimulated peripheral mononuclears from patients with rheumatoid arthritis. In *General Physiology and Biophysics*, 2013, vol. 32, no. 3, p. 395-404. (0.852 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0231-5882.

ADDA04 LOPUŠNÁ, Katarína - REŽUCHOVÁ, Ingeborg - BETÁKOVÁ, Tatiana - ŠKORVANOVÁ, Lucia - TOMÁŠKOVÁ, Jana - LUKÁČIKOVÁ, Ľubomíra - KABÁT, Peter. Interferons lambda, new cytokines with antiviral activity. In *Acta Virologica : international journal*, 2013, vol. 57, no. 2, p. 171-179. (0.759 - IF2012). (2013 - Current Contents). ISSN 0001-723X.

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

ADEB01 POLÁK, E. - URGE, O. - KÁDAŠI, Ľudevít. Molekulárna genetika, fenotypová variabilita a súčasné trendy v personalizovanej medicíne fenylylketonúrie. In *Česko-slovenská pediatrie*, 2015, vol. 70, no. 6, p. 333-341. ISSN 0069-2328.

ADEB02 ŠKORVANOVÁ, Lucia - BETÁKOVÁ, Tatiana. Cytokines and Influenza Virus. In *Journal of Infectious Diseases and Therapeutics*, 2013, vol. 1, p. 25-32. ISSN 2310-9386.

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

ADFB01 HOLUBKOVÁ, Andrea - PENESOVÁ, Adela - ŠTURDÍK, Ernest. Potenciálna úloha škoric v prevencii metabolického syndrómu, inzulinovej rezistencie a diabetu 2. typu = The potential role of cinnamon in metabolic syndrome, insulin resistance and type 2 diabetes prevention. In *Slovak Journal of Health Sciences*, 2013, vol. 4, no. 1, p. 18-32.

ADFB02 PENESOVÁ, Adela - BLAŽÍČEK, Pavol - VLČEK, Miroslav. Inzulínová rezistencia v klinickej praxi. In *inVitro*, 2015, vol. 3, no. 1, p. 112-117. ISSN 1339-5912.

ADFB03 STANÍK, Juraj - ROSOLANKOVÁ, Monika - HUČKOVÁ, Miroslava - MIKULAJOVA, S. - STANÍKOVÁ, Daniela - VALENTÍNOVÁ, Lucia - TICHÁ, Ľ. - GAŠPERÍKOVÁ, Daniela - KLIMEŠ, Iwar. Klinický manažment a DNA diagnostika detí s kongenitálnym hyperinzulinizmom. In *Diabetes a obezita : časopis Slovenskej diabetologickej spoločnosti*, 2012, vol. 24, n. 12, pp. 42-60. ISSN 1335-8383.

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

ADMA01 BUDAJ, M. - POLJAK, Z. - DURIŠ, I. - KAŠKO, M. - IMRICH, Richard - KOPÁNI, M. - MARUŠČÁKOVÁ, L. - HULÍN, I. Microparticles: a component of various diseases. In *Polskie Archiwum Medycyny Wewnętrznej*, 2012, vol. 122, supp. 1, pp. 24-29. (1.367 - IF2011). ISSN 0032-3772.

ADMA02 CELEC, Peter - OSTATNÍKOVÁ, Daniela - HODOSY, Július. On the effects of testosterone on brain behavioral functions. In *Frontiers in Neuroscience*, 2015, vol. 9, article number 12. (3.656 - IF2014). ISSN 1662-453X.

ADMA03 FILOVÁ, Barbora - MALINOVÁ, Mária - BÁBÍČKOVÁ, Janka - TÓTHOVÁ, Ľubomíra - OSTATNÍKOVÁ, Daniela - CELEC, Peter - HODOSY, Július. Effects of testosterone and estradiol on anxiety and depressive-like behavior via a non-genomic pathway. In *Neuroscience Bulletin*, 2015, vol. 31, no. 3, p. 288-296. (2.509 - IF2014). ISSN 1673-7067.

ADMA04 FLORES - RAMÍREZ, Gabriela - JANEČEK, Štefan - MIERNYK, J.A. - ŠKULTÉTY, Ľudovít. In silico biosynthesis of virenose a methylated deoxy-sugar unique to *Coxiella burnetii* lipopolysaccharides. In *Proteome Science*, 2012, vol. 10, no. 1, p. 67-73. (2.328 - IF2011). ISSN 1477 - 5956.

- ADMA05 GÁLUSOVÁ, Andrea - PAULINY, Matúš - MAJEK, Milan - MACKOVÁ, Jaroslava - MEŠKOVÁ, Milada - VLČEK, Miroslav - IMRICH, Richard - PENESOVÁ, Adela. Dynamic neuroendocrine changes in critically ill patients with polytrauma. In *Neuroendocrinology Letters*, 2015, vol. 36, no. 5, p. 498-503. (0.799 - IF2014). ISSN 0172-780X.
- ADMA06 JANŠÁKOVÁ, Katarína - BÁBÍČKOVÁ, Janka - FILOVÁ, Barbora - LENGYELOVÁ, Eva - HAVRLENTOVÁ, Michaela - KRAIC, Ján - CELEC, Peter - TÓTHOVÁ, Ľubomíra. Anthocyanin-Rich Diet in Chemically Induced Colitis in Mice. In *Folia biologica*, 2015, vol. 61, no. 3, p. 104-109. (1.000 - IF2014). ISSN 0015-5500.
- ADMA07 KALENSKI, Julia - MANCINA, Elina - PASCHENDA, Pascal - BECKERS, Christian - BLEILEVENS, Christian - TÓTHOVÁ, Ľubomíra - BOOR, Peter - DOORSCHODT, Benedict Marie - TOLBA, René Hany. Improved Preservation of Warm Ischemia-Damaged Porcine Kidneys after Cold Storage in Ecosol, a Novel Preservation Solution. In *Annals of transplantation*, 2015, vol. 20, p. 233-242. (1.261 - IF2014). ISSN 1425-9524.
- ADMA08 KAMODYOVÁ, Natália - BAŇASOVÁ, Lenka - JANŠÁKOVÁ, Katarína - KOBOROVÁ, Ivana - TÓTHOVÁ, Ľubomíra - STANKO, Peter - CELEC, Peter. Blood Contamination in Saliva: Impact on the Measurement of Salivary Oxidative Stress Markers. In *Disease Markers*, 2015, article number 479251. (1.562 - IF2014). ISSN 0278-0240.
- ADMA09 KLUBICOVÁ, Katarína - DANCHENKO, Maksym - ŠKULTÉTY, Ľudovít - BEREZHNA, V.V. - UVÁČKOVÁ, Ľubica - RASHYDOV, N.M. - HAJDUCH, Martin. Soybeans grown in the Chernobyl area produce fertile seeds that have increased heavy metal resistance and modified. In *PLoS ONE*, 2012, vol. 7, no. 10, p.e 48169 - 11. (4.092 - IF2011). (2012 - MEDLINE). ISSN 1932-6203.
- ADMA10 KONEČNÁ, Barbora - BORBÉLYOVÁ, Veronika - CELEC, Peter - VLKOVÁ, Barbora. Does rat fetal DNA induce preeclampsia in pregnant rats? In *Journal of Developmental Origins of Health and Disease*, 2015, vol. 6, no. 1, p. 5-9. (0.750 - IF2014). ISSN 2040-1744.
- ADMA11 MAŠINDOVÁ, I. - ŠOLTÝSOVÁ, Andrea - VARGA, Lukáš - MÁTYÁS, Petra - FICEK, Andrej - HUČKOVÁ, Miloslava - SŮROVÁ, Martina - ŠAFKA-BROŽKOVÁ, Dana - ANWAR, Salma - BENE, Judith - STRAKA, Slavomír - JANICSEK, Ingrid - AHMED, Zubair M. - SEEMAN, Pavel - MELEGH, B. - PROFANT, Milan - KLIMEŠ, Iwar - RIAZUDDIN, Saima - KÁDAŠI, Ľudevít - GAŠPERÍKOVÁ, Daniela. MARVELD2 (DFNB49) Mutations in the Hearing Impaired Central European Roma Population - Prevalence, Clinical Impact and the Common Origin. In *PLoS ONE*, 2015, vol. 10, iss. 4, article number: e0124232. (3.234 - IF2014). ISSN 1932-6203. APVV-0148-10, ITMS 26240220071.
- ADMA12 TAKÁČOVÁ, Martina - BARTOŠOVÁ, Mária - ŠKVARKOVÁ, Lucia - ZAŤOVIČOVÁ, Miriam - VIDLIČKOVÁ, Ivana - CSÁDEROVÁ, Lucia - BARÁTHOVÁ, Monika - BREZA, J. - BUJDÁK, P. - PASTOREK, Jaromír -

BREZA, Juraj - PASTOREKOVÁ, Silvia. Carbonic anhydrase IX is a clinically significant tissue and serum biomarker associated with renal cell carcinoma. In *Oncology Letters*, 2013, vol. 5, no. 1, p. 191-197. (0.237 - IF2012). ISSN 1792-1074.

ADMA13 TÓTHOVÁ, Ľubomíra - KAMODYOVÁ, Natália - ČERVENKA, Tomáš - CELEC, Peter. Salivary markers of oxidative stress in oral diseases. In *Frontiers in Cellular and Infection Microbiology / Front. Cell. Infect. Microbiol. : Specialty Journal of Frontiers in Microbiology*, 2015, vol. 5, article number 73. (3.719 - IF2014). ISSN 2235-2988 (el).

ADMA14 VALENTÍNOVÁ, Lucia - BEER, N. L. - STANÍK, Juraj - TRIBBLE, N. D. - VAN DE BUNT, M. - HUČKOVÁ, Miroslava - BARRETT, Anthony A. - KLIMEŠ, Iwar - GAŠPERÍKOVÁ, Daniela - GLOYN, A. L. Identification and functional characterisation of novel glucokinase mutations causing maturity-onset diabetes of the young in Slovakia. In *PLoS ONE*, 2012, vol. 7, no. 4, p. e34541. (4.092 - IF2011). (2012 - MEDLINE). ISSN 1932-6203.

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

ADMB01 CSÁDEROVÁ, Lucia - DEBROVÁ, M. - RADVÁK, Peter - STANO, Matej - VREŠTIAKOVÁ, Magdaléna - KOPÁČEK, Juraj - PASTOREKOVÁ, Silvia - ŠVASTOVÁ, Eliška. The effect of carbonic anhydrase IX on focal contacts during cell spreading and migration. In *Frontiers in Physiology*, 2013, vol. 4, no. 271, p. 1-12. (2013 - SCOPUS). ISSN 1664-042X.

ADMB02 GORLACH, A. - BERTRAM, K. - HUDECOVÁ, Soňa - KRIŽANOVÁ, Oľga. Calcium and ROS: A mutual interplay. In *Redox Biology*, 2015, vol. 6, p. 260-271. ISSN 2213-2317.

ADMB03 PENESOVÁ, Adela - RÁDIKOVÁ, Žofia - ČIŽMÁROVÁ, E. - VLČEK, Miroslav - IMRICH, Richard. Insulin sensitivity in young patients with hypertension devoid of conventional risk factors. In *Journal fur Hypertonie*, 2013, vol. 17, no. 1, p. 15-19. ISSN 1028-2327.

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

ADNB01 BAJER, Boris - VLČEK, Miroslav - GÁLUSOVÁ, Andrea - IMRICH, Richard - PENESOVÁ, Adela. Exercise associated hormonal signals as powerful determinants of an effective fat mass loss. In *Endocrine Regulations*, 2015, vol. 49, no. 3, p. 151-163. ISSN 1210-0668.

ADNB02 ROVENSKÝ, Jozef - URBÁNEK, Tibor - IMRICH, Richard. Alkaptonuria and ochronosis-experience from Slovakia. In *Acta Facultatis Pharmaceuticae Universitatis Comenianae*, 2014, vol. 61, no. 1, p. 29-35. ISSN 0301-2298.

ADNB03 STANÍK, Juraj - KUSEKOVÁ, M. - HUČKOVÁ, Miroslava - VALENTÍNOVÁ, Lucia - MAŠINDOVÁ, I. - STANÍKOVÁ, Daniela - FERENCZOVÁ, J. - GAŠPERÍKOVÁ, Daniela - KLIMEŠ, Iwar. Impact of Type 2 diabetes on Glucokinase diabetes (GCK-MODY) phenotype in a Roma (Gypsy)

family - case report. In *Endocrine Regulations*, 2012, vol. 46, no. 2, p. 99-105. ISSN 1210-0668.

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

AEDA01 KOŠÍKOVÁ, Nina - ŠKORVANOVÁ, Lucia - LACHOVÁ, Veronika - BOROVSÁ, Petra - SVETLÍKOVÁ, Darina - BETÁKOVÁ, Tatiana. Príprava a charakterizácia vírusov chrípky typu A s mutáciami v NS géne. In *Študentská vedecká konferencia PriF UK 2014 : zborník recenzovaných príspevkov*. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2014, s. 361 - 366. ISBN 978-80-223-3592-8.

AEDA02 LACHOVÁ, Veronika - TURIANOVÁ, Lucia - GOLAIŠ, František - ŠUPOLÍKOVÁ, Miroslava - SVETLÍKOVÁ, Darina - ŠKORVANOVÁ, Lucia - ŠVANČAROVÁ, Petra - BETÁKOVÁ, Tatiana. Potencionálne rastové faktory asociované s MHV majú vplyv na organizáciu cytoskeletu v MRC-5 bunkách. In *Študentská vedecká konferencia PriF UK 2014 : zborník recenzovaných príspevkov*. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2014, s. 394 - 399. ISBN 978-80-223-3592-8.

AEDA03 ŠKORVANOVÁ, Lucia - SVETLÍKOVÁ, Darina - LACHOVÁ, Veronika - ŠVANČAROVÁ, Petra - BETÁKOVÁ, Tatiana. Testovanie antivírusovej aktivity IFN- λ 1 a IFN- λ 2 voči vírusu chrípky typu A na VERO bunkách. In *Študentská vedecká konferencia PriF UK 2014 : zborník recenzovaných príspevkov*. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2014, s. 711 - 716. ISBN 978-80-223-3592-8.

AEDA04 VIDLIČKOVÁ, Ivana - ZAŤOVIČOVÁ, Miriam - CSÁDEROVÁ, Lucia - RADVÁNSZKA, Monika - VREŠTIAKOVÁ, Magdaléna - STUHLIK, S. - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. Vplyv posttranslačného štiepenia karbonickej anhydrázy IX na pro-metastatické vlastnosti nádorových buniek. In *Študentská vedecká konferencia PriF UK 2014 : zborník recenzovaných príspevkov*. - Bratislava : Univerzita Komenského v Bratislave vo Vydavateľstve UK, 2014, s. 814 - 819. ISBN 978-80-223-3592-8.

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

AEMA01 HUDECOVÁ, Soňa - LENČEŠOVÁ, Ľubomíra - CSÁDEROVÁ, Lucia - SEDLÁK, Ján - LAUKOVÁ, Marcela - KRIŽANOVÁ, Oľga. Isoproterenol accelerates apoptosis through the overexpression of the sodium/calcium exchanger in HeLa cells. In *International Journal of Molecular Medicine*, 2013, vol. 32, supplement 1, p. S20. (1.957 - IF2012). (2013 - Current Contents). ISSN 1107-3756.

AFD Published papers from domestic scientific conferences

AFD01 DEBŘEOVÁ, Michaela - CSÁDEROVÁ, Lucia - VREŠTIAKOVÁ, Magdaléna - PASTOREKOVÁ, Silvia - ŠVASTOVÁ, Eliška. Cancer-associated carbonic anhydrase IX facilitates cell adhesion to solid support, potentially contributing to a crucial step of the metastatic cascade. In *Nadácia výskum rakoviny. Súťaž mladých onkológov 2014 : Zborník prednášok*. - Bratislava : Nadácia Výskum

rakoviny a Ústav experimentálnej onkológie SAV, 2014, s. 51 - 55. ISSN 978-80971621-0-8.

- AFD02 VIDLIČKOVÁ, Ivana - ZAŤOVIČOVÁ, Miriam - CSÁDEROVÁ, Lucia - RADVÁNSZKA, Monika - STUHLÍK, Stanislav - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. Impact of Carbonic Anhydrase IX Shedding on Pro-metastatic Characteristics of Tumor Cells. In *Nadácia výskum rakoviny. Súťaž mladých onkológov 2014 : Zborník prednášok*. - Bratislava : Nadácia Výskum rakoviny a Ústav experimentálnej onkológie SAV, 2014, s. 61-65. ISSN 978-80971621-0-8.

AfE Abstracts of invited papers from foreign conferences

- AfE01 IMRICH, Richard - VLČEK, Miroslav - PENESOVÁ, Adela - CHOVANOVÁ, Lucia. Rheumatoid arthritis: translating genetics to clinical care. In *79th Meeting of the Hungarian Physiological Society*. - Szeged : SZTE ÁOK, 2015, s. 159.

AfF Abstracts of invited papers from domestic conferences

- AfF01 ŠIMKO, Veronika - LABUDOVÁ, Martina - CSÁDEROVÁ, Lucia - ZAŤOVIČOVÁ, Miriam - JULIANO, Filippo - DITTE, Zuzana - DITTE, Peter - PASTOREK, Jaromír. New aspects of the regulation of function of tumor Q associated carbonic anhydrase IX. In *1st ISCAM Meeting - 5th ISPDC Meeting - Cancer metabolism: mechanisms, consequences and therapeutic opportunities, Smolenice castle near Bratislava, Slovakia : PPROGRAM AND ABSTRACTS*. - Bratislava : Institute of Virology - Department of Molecular Medicine, Slovak Academy of Sciences, 2014, p. 44 - 45.

AfG Abstracts of papers from foreign conferences

- AfG01 CSÁDEROVÁ, Lucia - DEBŘEOVÁ, Michaela - RADVÁK, Peter - STANO, M. - VREŠTIAKOVÁ, Magdaléna - KOPÁČEK, Juraj - PASTOREKOVÁ, Silvia - ŠVASTOVÁ, Eliška. Beyond pH regulation: A role of CA IX in focal adhesion during cell spreading and movement. In *The 4th Annual Meeting of the International Society of Proton Dynamics in Cancer (ISPDC) : congress program and abstracts*. - Munchen : Garching Research Center Technical University of Munich, 2013, p. 70.
- AfG02 DEBŘEOVÁ, Michaela - CSÁDEROVÁ, Lucia - VREŠTIAKOVÁ, Magdaléna - PASTOREKOVÁ, Silvia - ŠVASTOVÁ, Eliška. Cancer-associated carbonic anhydrase IX facilitates cell adhesion to solid support, potentially contributing to a crucial step of the metastatic cascade. In *Abstracts of papers at the EMBO/EMBL Symposium: Tumour microenvironment and signalling*. - Heidelberg , Germany, 2014, p. 109.
- AfG03 LACHOVÁ, Veronika - GOLAIS, František - ŠUPOLÍKOVÁ, Miroslava - SVETLÍKOVÁ, Darina - ŠKORVANOVÁ, Lucia - ŠVANČAROVÁ, Petra - BETÁKOVÁ, Tatiana. Vplyv rastového faktoru asociovaného s MHV na organizáciu cytoskeletu v MRC-5 bunkách. In *Tomáškovy dny 2014 : XXIII. konferencie mladých mikrobiológů*. - Brno : Masarykova univerzita, 2014, p. 68. ISBN 978-80-210-6805-6.

- AFG04 MARKOVÁ, Jana - HUDEC OVÁ, Soňa - ŠOLTÝSOVÁ, Andrea - ŠÍROVÁ, Marta - CSÁDEROVÁ, Lucia - LENČEŠOVÁ, Ľubomíra - ONDRIAS, Karol - KRIŽANOVÁ, Oľga. Sodium/calcium exchanger is upregulated by sulfide signaling, forms complex with the beta1 and beta3 but not beta2 adrenergic receptors. In *Thirteenth International Meeting of the European Calcium Society : Aix-en-Provence, France-September 13-17*. - Aix-en-Provence, 2014, p. 53.
- AFG05 MARKOVÁ, Jana - HUDEC OVÁ, Soňa - LENČEŠOVÁ, Ľubomíra - CSÁDEROVÁ, Lucia - ONDRIAS, Karol - KRIŽANOVÁ, Oľga. Sulfide donor GYY4137 potentiates sodium-calcium exchanger expression and communication through adrenergic receptors. In *Sensing Hypoxia in the Cell and the Organism : HypoxiaNet Cost Action TD0901*. - Essen Germany, 2012, p. 74.
- AFG06 PACÁK, Karel - ŠÍROVÁ, Marta - GIUBELLINO, A - LENČEŠOVÁ, Ľubomíra - CSÁDEROVÁ, Lucia - LAUKOVÁ, Marcela - HUDEC OVÁ, Soňa - KRIŽANOVÁ, Oľga. NF-kappa B inhibition significantly upregulates the norepinephrine transporter system, causes apoptosis in pheochromocytoma cell lines and prevents metastasis in an animal model. In *Sensing Hypoxia in the Cell and the Organism : HypoxiaNet Cost Action TD0901*. - Essen Germany, 2012, p. 13. VEGA 2/0049/10, APVV 51/0397.
- AFG07 PENESOVÁ, Adela - VOTRUBA, S. B. - KRAKOFF, J. - VLČEK, Miroslav - IMRICH, Richard. Zmena v regulácii príjmu potravy u obéznych pacientov. In *Obezitologie a bariatric : sborník abstrakt*. - Praha : Česká obezitologická spoločnosť ČLSJEP, 2015, s. 9. ISBN 978-80-260-8001-5.
- AFG08 ŠIMKO, Veronika - DITTE, Zuzana - DITTE, Peter - LABUDOVÁ, Martina - JULIANO, Filippo - ZAŤOVIČOVÁ, Miriam - CSÁDEROVÁ, Lucia - KOPÁČEK, Juraj - PASTOREKOVÁ, Silvia - PASTOREK, Jaromír. Carnosine as a potent inhibitor of the carbonic anhydrase IX-mediated extracellular acidosis. In *The 3rd International Conference on Tumor Microenvironment and Cellular Stress: Signaling, Metabolism, Imaging and Therapeutic Targets*. - Mykonos, Greece, 2014, p. 104 - 105.
- AFG09 ŠKORVANOVÁ, Lucia - LACHOVÁ, Veronika - ŠVANČAROVÁ, Petra - SVETLÍKOVÁ, Darina - BETÁKOVÁ, Tatiana. Antivírusová aktivita interferónov lambda voči vírusu typu A. In *Tomáškovy dny 2014 : XXIII. konference mladých mikrobiológů*. - Brno : Masarykova univerzita, 2014, p. 79. ISBN 978-80-210-6805-6.
- AFG10 ŠVASTOVÁ, Eliška - CSÁDEROVÁ, Lucia - DEBREOVÁ, Michaela - RADVÁK, Peter - STANO, M. - VREŠTIAKOVÁ, Magdaléna - PASTOREKOVÁ, Silvia - KOPÁČEK, Juraj. Beyond pH regulation : A role of CA IX in focal adhesion during cell spreading and migration. In *The 3rd International Conference on Tumor Microenvironment and Cellular Stress: Signaling, Metabolism, Imaging and Therapeutic Targets*. - Mykonos, Greece, 2014, p. 70.
- AFG11 ŠVASTOVÁ, Eliška - CSÁDEROVÁ, Lucia - DEBREOVÁ, Michaela - RADVÁK, Peter - KOPÁČEK, Juraj - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. Úloha hypoxiou regulovanej karbonickej anhydrázy IX v bunkovej migrácii a

adhézii. In Československá biologická společnost. *Sborník přednášek a posteru, program : XXI.Biologické dny. Pokroky a výzvy současné nádorové biologie*. - Brno : Venice s.r.o., 2014, p. 27. ISBN 978-80-260-6793-1.

- AFG12 TAKÁČOVÁ, Martina - BULLOVÁ, Petra - ŠIMKO, Veronika - ŠKVARKOVÁ, Lucia - POTURNAJOVÁ, Martina - BABÁL, Pavel - PARKKILA, S. - PASTOREKOVÁ, Silvia. Interplay between retand HIF-1 contributes to CA IX expression in medullary Thyroid carcinoma. In Československá biologická společnost. *Sborník přednášek a posteru, program : XXI.Biologické dny. Pokroky a výzvy současné nádorové biologie*. - Brno : Venice s.r.o., 2014, p. 90. ISBN 978-80-260-6793-1.
- AFG13 TAKÁČOVÁ, Martina - HLOUSKOVÁ, Gabriela - ZAŤOVIČOVÁ, Miriam - SEDLÁKOVÁ, Oľga - KOPÁČEK, Juraj - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia - LACÍK, I. Microencapsulation of anti-carbonic anhydrase IX antibody for tumor targeting. In Československá biologická společnost. *Sborník přednášek a posteru, program : XXI.Biologické dny. Pokroky a výzvy současné nádorové biologie*. - Brno : Venice s.r.o., 2014, p. 91. ISBN 978-80-260-6793-1.
- AFG14 VIDLIČKOVÁ, Ivana - ZAŤOVIČOVÁ, Miriam - CSÁDEROVÁ, Lucia - RADVÁNSZKA, Monika - VREŠTIAKOVÁ, Magdaléna - STUHLÍK, Stanislav - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. Shedding of carbonic anhydrase IX ectodomain affects tumor cell phenotype. In Československá biologická společnost. *Sborník přednášek a posteru, program : XXI.Biologické dny. Pokroky a výzvy současné nádorové biologie*. - Brno : Venice s.r.o., 2014, p. 97. ISBN 978-80-260-6793-1.
- AFG15 ZAŤOVIČOVÁ, Miriam - VIDLIČKOVÁ, Ivana - CSÁDEROVÁ, Lucia - MEGO, Michal - BARATOVÁ, Magdaléna - MULLER, Pavel - VOJTEŠEK, B. - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. Circulating CA IX as a biomarker and a signaling molecule. In *10th International Carbonic Anhydrase Conference - Book of abstracts*. - Maastricht, Netherland : Maastricht Clinic, 2015, p. 29.

AFH Abstracts of papers from domestic conferences

- AFH01 BAJER, Boris - VLČEK, Miroslav - IMRICH, Richard - PENESOVÁ, Adela. Nízkosacharidová diéta, rezistenčný tréning a ich vzťah k obezite, nadváhe a inzulínovej rezistencii. In *XIII. Slovenské obezitologické dni s medzinárodnou účasťou*. - Trnava : Obezitologická sekcia Slovenskej diabetologickej spoločnosti, 2015, s. 15.
- AFH02 BARÁTOVÁ, Magdaléna - CSÁDEROVÁ, Lucia - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. Possible impact of glycosylation on biological functions of the tumor related carbonic anhydrase IX. In *1st ISCAM Meeting - 5th ISPDC Meeting - Cancer metabolism: mechanisms, consequences and therapeutic opportunities, Smolenice castle near Bratislava, Slovakia : PROGRAM AND ABSTRACTS*. - Bratislava : Institute of Virology - Department of Molecular Medicine, Slovak Academy of Sciences, 2014, p. 74 - 75.

- AFH03 DEBREOVÁ, Michaela - CSÁDEROVÁ, Lucia - BARÁTOVÁ, Magdaléna - KOPÁČEK, Juraj - PASTOREKOVÁ, Silvia - ŠVASTOVÁ, Eliška. Cancer-related carbonic anhydrase IX promotes focal adhesion formation and remodeling during cell spreading and migration. In *1st ISCAM Meeting - 5th ISPDC Meeting - Cancer metabolism: mechanisms, consequences and therapeutic opportunities, Smolenice castle near Bratislava, Slovakia : PROGRAM AND ABSTRACTS*. - Bratislava : Institute of Virology - Department of Molecular Medicine, Slovak Academy of Sciences, 2014, p. 82 - 83.
- AFH04 GRMAN, Marián - CORTESE-KROTT, Miriam M. - FEELISCH, Martin - NAGY, Péter - BERÉNYIOVÁ, Andrea - ČAČÁNYIOVÁ, Soňa - ONDRIAŠ, Karol. Reakčný mechanizmus a biologické účinky produktov interakcie H₂S s S nitrozotiolmi. 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.
- AFH05 KRIŽANOVÁ, Oľga - ONDRIAŠ, Karol - CSÁDEROVÁ, Lucia - GRMAN, Marián - WOOD, M.E. - WHITEMAN, Martha C. - LENČEŠOVÁ, Ľubomíra. Slow release H₂S donor GYY4137 causes translocation of IP₃ receptors to nuclei. 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. 106-107. ISBN 978-80970164-4-9.
- AFH06 KRIŽANOVÁ, Oľga. The role of adrenergic modulation in tumor growth. In *Eleventh Symposium on Catecholamines and Other Neurotransmitters in Stress : Smolenice Castle, Slovakia, June 20-25, 2015*. - Bratislava : Ústav Experimentálnej Endokrinológie SAV, 2015, s. 35.
- AFH07 KUBÍČKOVÁ, Jana - LENCESOVÁ, L. - CSÁDEROVÁ, Lucia - STRAČINA, Tibor - HUDECOVÁ, Soňa - NOVAKOVA, M - KRIŽANOVÁ, Oľga. Haloperidol causes translocation of the sigma 1/type 1 IP₃ receptor complex to the nucleus in differentiated NG-108 cells. In *Eleventh Symposium on Catecholamines and Other Neurotransmitters in Stress : Smolenice Castle, Slovakia, June 20-25, 2015*. - Bratislava : Ústav Experimentálnej Endokrinológie SAV, 2015, s. 36.
- AFH08 MARKOVÁ, Jana - HUDECOVÁ, Soňa - ŠOLTÝSOVÁ, Andrea - CSÁDEROVÁ, Lucia - LENČEŠOVÁ, Ľubomíra - ONDRIAŠ, Karol - KRIŽANOVÁ, Oľga. Vplyv H₂S na Na⁺/Ca²⁺ výmenník, tvorbu komplexu s beta1 a beta3 adrenergickými receptormi a na indukciu apoptózy. In *90. Fyziologické dni Bratislava, 4.-6. Február 2014 : zborník abstraktov*. - Bratislava : Univerzita Komenského, 2014, s. 144. ISBN 978-80-223-3555-3. APVV-51-0045-11, CEMAN.
- AFH09 PENESOVÁ, Adela - VLČEK, Miroslav - GARAFOVÁ, Alexandra - IVANOVA, M. - IMRICH, Richard. Metabolické a neuroendokrinné zmeny u obéznych pacientov so začínajúcou hypertenziou. In *XIII. Slovenské obezitologické dni s medzinárodnou účasťou*. - Trnava : Obezitologická sekcia Slovenskej diabetologickej spoločnosti, 2015, s. 39.

- AFH10 ŠIMKO, Veronika - CSÁDEROVÁ, Lucia - PASTOREK, Jaromír.
Hypoxia-mediated regulation of cAMP: a molecule responsible in the activation of the tumor associated carbonic anhydrase IX. In *XXIV. Biochemický zjazd Slovenskej spoločnosti pre biochémiu a molekulárnu biológiu a České společnosti pro biochemii a molekulární biologii : zborník prednášok a posterov SSBMB a ČSBMB 2014 . Program. Bratislava, 18. - 21. septembra 2014, Hotel Saffron. - Bratislava, 2014, p. 094. ISBN 978-80-970164-6-3.*
- AFH11 TAKÁČOVÁ, Martina - BULLOVÁ, Petra - ŠIMKO, Veronika - ŠKVARKOVÁ, Lucia - POTURNAJOVÁ, Martina - FEKETE OVÁ, L. - BABÁL, P. - KIVELA, A.J. - KUOPIO, T. - KOPÁČEK, Juraj - PASTOREK, Jaromír - PARKKILA, S. - PASTOREKOVÁ, Silvia. RET mediated activation of HIF pathway contributes to CA IX expression in medullary thyroid carcinoma. In *1st ISCAM Meeting - 5th ISPDC Meeting - Cancer metabolism: mechanisms, consequences and therapeutic opportunities, Smolenice castle near Bratislava, Slovakia : PROGRAM AND ABSTRACTS. - Bratislava : Institute of Virology - Department of Molecular Medicine, Slovak Academy of Sciences, 2014, p. 110 - 111.*
- AFH12 TOMÁŠOVÁ, Lenka - MIŠÁK, Anton - LAGGNER, Hilde. Efekt H₂S na HIF-1 α v THP-1 makrofágoch. In *Drobníčov memoriál 8. ročník, Podsuchá, 23.-25. september 2015. - Bratislava : Ústav molekulárnej fyziológie a genetiky, Slovenská akadémia vied, 2015, s. 20-21. ISBN 978-80-970164-8-7. ICM-2013-05839, APVV-0074-11, VEGA/2/0019/15.*
- AFH13 VIDLIČKOVÁ, Ivana - ZAŤOVIČOVÁ, Miriam - CSÁDEROVÁ, Lucia - RADVÁNSZKA, Monika - BARÁTOVÁ, Magdaléna - STUHLÍK, S. - PASTOREK, Jaromír - PASTOREKOVÁ, Silvia. The relevance of the carbonic anhydrase IX shedding for prometastatic potential of tumor cells. In *1st ISCAM Meeting - 5th ISPDC Meeting - Cancer metabolism: mechanisms, consequences and therapeutic opportunities, Smolenice castle near Bratislava, Slovakia : PROGRAM AND ABSTRACTS. - Bratislava : Institute of Virology - Department of Molecular Medicine, Slovak Academy of Sciences, 2014, p. 114 - 115.*