

## Publikácie / Publications

**Department: SAVNEIMU - Neuroimunologický ústav SAV**  
**Year of publication 2012~2015**

### Statistics publication category

AAA	Scientific monographs published abroad	1
AAB	Scientific monographs published in Slovak publishing houses	2
ABC	Chapters in scientific monographs published abroad	3
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	40
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	6
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	1
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	9
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	2
ADNB	Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus	1
AECA	Scientific papers in foreign peer-reviewed proceedings and shorter chapters in foreign scientific monographs or academic/university textbooks	8
AEDA	Scientific papers in domestic peer-reviewed proceedings and shorter chapters in domestic scientific monographs or academic/university textbooks	15
AEF	Scientific papers in domestic non peer-reviewed proceedings, monographs	1
AEGA	Abstracts of scientific papers published in foreign impacted journals registered in Current Contents Connect	24
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AFE	Abstracts of invited papers from foreign conferences	7
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AFK	Foreign conferences posters	1
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	10
<b>Count</b>		<b>261</b>

### AAA Scientific monographs published abroad

AAA01 NOSEK, J. - BREJOVÁ, B - NEBOHÁČOVÁ, Martina - BARÁTH, Peter - BHATIA-KISSOVA, Ingrid - VALENT, Ivan - KOLLÁR, Richard - TOMÁŠKA, L. *Genomika*. CreateSpace Independent Publishing Platform, 2013. ISBN 978-1494230623.

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

AAB01 BHIDE, Mangesh - BENCÚROVÁ, Elena - HREŠKO, Stanislav - MLYNARČÍK, Patrik - MUCHA, Rastislav. *Nové trendy vo využívaní bioinformatických analýz v genomike a proteomike*. Košice : University of veterinary medicine and pharmacy, 2013. ISBN 978-80-8077-321-2.

AAB02 ŽILKA, Norbert - PILIPČINEC, E. - NOVÁK, Michal. *Imunologická pavučina mozgu*. Bratislava : VEDA, 2013. ISBN 978-80-224-1265-0.

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

ABC01 BARÁTH, Peter. Proteomika. In NOSEK, J. et al. *Genomika*. - CreateSpace Independent Publishing Platform, 2013, p.111-128. ISBN 978-1494230623.

ABC02 ČÍŽKOVÁ, Dáša - ŽILKA, Norbert - KÁŽMEROVÁ, Zuzana - SLOVINSKÁ, Lucia - VANICKÝ, Ivo - GRUĽOVÁ, Ivana - CIGÁNKOVÁ, V. - ČÍŽEK, Milan - NOVÁK, Michal. Mesenchymal stromal cells and neural stem cells potential for neural repair in spinal cord injury and human neurodegenerative disorders. In *Neural stem cells and therapy*. First published February, 2012. - Janeza Trdine 9, Rijeka, Croatia : InTech, 2012, p. 359-382, 17 chapter. ISBN 978-953-307-958-5.

ABC03 PULZOVÁ, Lucia - MLYNARČÍK, Patrik - BENCÚROVÁ, Elena - BHIDE, Mangesh. It takes two to tango: protein-protein interactions in the translocation of pathogens across a blood-brain barrier. In *The Blood-Brain Barrier: New Research*. 2012. - Nova Science Publishers, 2012, p.79-115. ISBN 978-1-62100-766-1.

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

ADCA01 ALONSO, A. - ELAKKAD, Ezzat - GONG, C.X. - LIU, F. - TANAKA, T. - KUDO, T. - TATEBAYASHI, Y. - PEI, J.J. - WANG, J.Z. - KHATOON, S. - FLORY, M. - GHETTI, B. - GOZES, I. - NOVÁK, Michal - NOVÁKOVÁ, Mária - ROBAKIS, N.K. - LEON, M. - IQBAL, Mala. Inge Grundke-Iqbal, Ph.D. (1937–2012): the Discoverer of the Abnormal Hyperphosphorylation of Tau in Alzheimer's Disease. In *Journal of Molecular Neuroscience*, 2013, vol. 49, no., p. 430-435. (2.891 - IF2012). (2013 - Current Contents). ISSN 0895-8696.

ADCA02 BENCÚROVÁ, Elena - PULZOVÁ, Lucia - FLACHBARTOVÁ, Zuzana - BHIDE, Mangesh. A rapid and simple pipeline for synthesis of mRNA-ribosome-VHH complexes used in single-domain antibody ribosome display. In *Molecular Biosystems*, 2015, vol.11, no.6, p.1515-1524. (3.210 - IF2014). (2015 - Current Contents). ISSN 1742-206X.

ADCA03 BENCÚROVÁ, Elena - KOVÁČ, Andrej - PULZOVÁ, Lucia - GYURANECZ, Miklos - MLYNARČÍK, Patrik - MUCHA, Rastislav - VLACHAKIS, Dimitrios - KOSSIDA, S. - FLACHBARTOVÁ, Zuzana - BHIDE, Mangesh. Deciphering the protein interaction in adhesion of *Francisella tularensis*

subsp. holarctica to the endothelial cells. In *Microbial Pathogenesis*, 2015, vol.81, p.6-15. (1.794 - IF2014). (2015 - Current Contents). ISSN 0882-4010.

- ADCA04     BHIDE, Mangesh - NATARJAN, S. - HREŠKO, Stanislav - AGUILAR, C. - BENCÚROVÁ, Elena. Rapid in vitro protein synthesis pipeline: a promising tool for cost-effective protein array design. In *Molecular Biosystems*, 2014, vol.10, no., p.1236-1245. (2014 - Current Contents). ISSN 1742-206X.
- ADCA05     BHIDE, Mangesh - BHIDE, Katarína - PULZOVÁ, Lucia - MAĐAR, Marián - MLYNARČÍK, Patrik - BENCÚROVÁ, Elena - HREŠKO, Stanislav - MUCHA, Rastislav. Variable regions in the sushi domains 6-7 and 19-20 of factor H in animals and human lead to change in the affinity to factor H binding protein of *Borrelia*. In *Journal of Proteomics*, 2012, vol.75, no.14, p.4520-4528. (4.878 - IF2011). (2012 - Current Contents). ISSN 1874-3919.
- ADCA06     BOBÍKOVÁ, K. - REVAJOVÁ, V. - KARAFFOVÁ, V. - LEVKUTOVÁ, M. - LEVKUT, Mikuláš. IgA gene expression and quantification of cecal IgA plus , IgM+, and CD4+cells in chickens treated with EFAL41 and infected with *Salmonella Enteritidis*. In *Acta Histochemica : Zeitschrift für histologische Topochemie*, 2015, vol.117, no. 7, p.629-634. (1.714 - IF2014). (2015 - Current Contents). ISSN 0065-1281.
- ADCA07     BOHÁCSOVÁ, Monika - FILIPČÍK, Peter - OPATTOVÁ, A. - VALÁRIKOVÁ, Jana - QUEVEDO-DIAZ, Marco - ŠKULTÉTY, Ľudovít - NOVÁK, Michal - SEKEYOVÁ, Zuzana. Survival of rat cerebrocortical neurons after rickettsial infection. In *Microbes and Infection*, 2015, vol. 17, no. 11-12, p. 845-849. (2.861 - IF2014). (2015 - Current Contents). ISSN 1286-4579.
- ADCA08     FILIPČÍK, Peter - ŽILKA, Norbert - BUGOŠ, Ondrej - KUČERÁK, Juraj - KOSOŇ, Peter - NOVÁK, Petr - NOVÁK, Michal. First transgenic rat model developing progressive cortical neurofibrillary tangles. In *Neurobiology of Aging*, 2012, vol. 33, p.1448-1456. (6.189 - IF2011). (2012 - Current Contents). ISSN 0197-4580.
- ADCA09     FILIPČÍK, Peter - ČENTE, Martin - ŽILKA, Norbert - SMOLEK, Tomáš - HANES, Jozef - KUČERÁK, Juraj - OPATTOVÁ, Alena - KOVÁČECH, Branislav - NOVÁK, Michal. Intraneuronal accumulation of misfolded tau protein induces overexpression of Hsp27 in activated astrocytes. In *Biochimica et Biophysica Acta : Molecular Basis of Disease*, 2015, vol.1852, no. 7, p.1219-1229. (4.882 - IF2014). (2015 - Current Contents). ISSN 0925-4439.
- ADCA10     FILIPČÍK, Peter - NOVÁK, Petr - MRAVEC, Boris - ONDIČOVÁ, Katarína - KRAJČIOVÁ, Gabriela - NOVÁK, Michal - KVETŇANSKÝ, Richard. Tau Protein Phosphorylation in Diverse Brain Areas of Normal and CRH Deficient Mice: Up-Regulation by Stress. In *Cellular and Molecular Neurobiology*, 2012, vol. 32, no. 5, pp. 837-845. (1.969 - IF2011). (2012 - Current Contents). ISSN 0272-4340.
- ADCA11     GYURANECZ, Miklos - REICZIGEL, Jeno - KRISZTALOVICS, Katalin - MONSE, Laszlo - KUKEDI-SZABONE, Gabriella - SZILAGYI, Andrasne - SZEPE, Balint - MAKRAI, Laszlo - MAGYAR, Tibor - BHIDE, Mangesh -

ERDELYI, Karoly. Factors Influencing Emergence of Tularemia, Hungary, 1984-2010. In *Emerging Infectious Diseases*, 2012, vol.18, no.8, p.1379-1381. (6.169 - IF2011). (2012 - Current Contents). ISSN 1080-6040.

ADCA12 GYURANECZ, Miklos - KREIZINGER, Zsuzsa - HORVATH, Gabor - RÓNAI, Zsuzsanna - DAN, Adam - NAGY, Beáta - SZEREDI, Levente - MAKRAI, Laszlo - JANOSI, Szilard - HAJTOS, Istvan - MAGYAR, Tibor - BHIDE, Mangesh - ERDELYI, Karoly - DENES, Bela. Natural IS711 insertion causing omp31 gene inactivation in *Brucella ovis*. In *Journal of Veterinary Diagnostic Investigation*, 2013, vol.25, no.2, p.234-238. (1.181 - IF2012). (2013 - Current Contents). ISSN 1040-6387.

ADCA13 GYURANECZ, Miklos - HORNOK, Sandor - DAN, Adam - HREŠKO, Stanislav - MAKRAI, Laszlo - MAGYAR, Tibor - BHIDE, Mangesh - ERDELYI, Karoly - HOFMANN-LEHMANN, Regina - GYURANECZ, Miklos. Prevalence of *Francisella tularensis* and *Francisella*-Like Endosymbionts in the Tick Population of Hungary and the Genetic Variability of *Francisella*-Like Agents. In *Vector-Borne and Zoonotic Diseases*, 2013, vol.13, no.3, p.160-163. (2.277 - IF2012). (2013 - Current Contents). ISSN 1530-3667.

ADCA14 GYURANECZ, Miklos - DENES, Bela - HORNOK, Sandor - KOVACS, Peter - HORVATH, Gabor - JURKOVICH, Viktor - VARGA, Tamas - HAJTOS, Istvan - SZABO, Reka - MAGYAR, Tibor - VASS, Nora - HOFMANN-LEHMANN, Regina - ERDELYI, Karoly - BHIDE, Mangesh - DAN, Adam. Prevalence of *Coxiella burnetii* in Hungary: Screening of Dairy Cows, Sheep, Commercial Milk Samples, and Ticks. In *Vector-Borne and Zoonotic Diseases*, 2012, vol.12, no.8, p.650-653. (2.437 - IF2011). (2012 - Current Contents). ISSN 1530-3667.

ADCA15 HUSÁKOVÁ, E. - SPISÁKOVÁ, V. - HERICH, R. - KOLESÁROVÁ, M. - STAŠOVÁ, D. - LEVKUTOVÁ, M. - LEVKUT, Mikuláš. Expression of cytokines in chicken peripheral mononuclear blood cells (PMBCs) exposed to probiotic strains and *Salmonella* Enteritidis. In *Acta Veterinaria (Brno)*, 2015, vol.84, no.1, p.29-35. (0.469 - IF2014). (2015 - Current Contents). ISSN 0001-7213.

ADCA16 KARAFFOVÁ, V. - BOBÍKOVÁ, K. - HUSÁKOVÁ, E. - LEVKUT, M. - HERICH, R. - REVAJOVÁ, V. - LEVKUTOVÁ, M. - LEVKUT, Mikuláš. Interaction of TGF-beta 4 and IL-17 with IgA secretion in the intestine of chickens fed with *E. faecium* AL41 and challenged with *S. Enteritidis*. In *Research in veterinary science*, 2015, vol.100, p.75-79. (1.409 - IF2014). (2015 - Current Contents). ISSN 0034-5288.

ADCA17 KÁŽMÉROVÁ, Zuzana - ŽILKA, Norbert - ČENTE, Martin - NERADIL, Peter - ŽILKOVÁ, Monika - NOVÁK, Michal. Can we teach old dogs new tricks? Neuroprotective cell therapy in Alzheimer's and Parkinson's disease. In *Journal of Alzheimer's Disease*, 2013, vol.37, p.251-272. (4.174 - IF2012). (2013 - Current Contents). ISSN 1387-2877.

ADCA18 KIŠOVÁ-VARGOVÁ, Lucia - ČERNÁNSKÁ, Dana - BHIDE, Mangesh. Comparative study of binding of ovine complement factor H with different *Borrelia*

genospecies. In *Folia microbiologica*, 2012, vol.57, no.2, p.123-128. (0.677 - IF2011). (2012 - Current Contents). ISSN 0015-5632.

- ADCA19     KONTSEKOVÁ, Eva - ŽILKA, Norbert - KOVÁČECH, Branislav - NOVÁK, Petr - NOVÁK, Michal. First-in-man tau vaccine targeting structural determinants essential for pathological tau–tau interaction reduces tau oligomerisation and neurofibrillary degeneration in an Alzheimer's disease model. In *Alzheimer's Research & Therapy*, 2014, vol.6, 44. (2014 - Current Contents). ISSN 1758-9193.
- ADCA20     KONTSEKOVÁ, Eva - ŽILKA, Norbert - KOVÁČECH, Branislav - ŠKRABANA, Rostislav - NOVÁK, Michal. Identification of structural determinants on tau protein essential for its pathological function: novel therapeutic target for tau immunotherapy in Alzheimer's disease. In *Alzheimer's Research & Therapy*, 2014, vol.6, 45. (2014 - Current Contents). ISSN 1758-9193.
- ADCA21     KOVÁČ, Andrej - ŠVIHLOVÁ, K. - MICHALICOVÁ, Alena - NOVÁK, Michal. Liquid Chromatography-Tandem Mass Spectrometry Method for Determination of Homocysteine in Rat Plasma: Application to the Study of a Rat Model for Tauopathies. In *Journal of Chromatographic Science*, 2015, vol.53, no.6, p.953-958. (1.363 - IF2014). (2015 - Current Contents). ISSN 0021-9665.
- ADCA22     KOVÁČ, Andrej - SOMÍKOVÁ, Zuzana - ŽILKA, Norbert - NOVÁK, Michal. Liquid chromatography–tandem mass spectrometry method for determination of panel of neurotransmitters in cerebrospinal fluid from the rat model for tauopathy. In *Talanta*, 2014, vol. 119, p.284-290. (3.511 - IF2013). (2014 - Current Contents). ISSN 0039-9140.
- ADCA23     KRUSE, N. - PERSSON, S. - ALCOLEA, D. - BAHL, J. - BALDEIRAS, I. - KOVÁČECH, Branislav - ŽILKA, Norbert. Validation of a quantitative cerebrospinal fluid alpha-synuclein assay in a European-wide interlaboratory study. In *Neurobiology of Aging*, 2015, vol.36, p.2587-2596. (5.013 - IF2014). (2015 - Current Contents). ISSN 0197-4580.
- ADCA24     LEJAVOVÁ, Katarína - ONDIČOVÁ, Katarína - HORVÁTHOVÁ, Ľubica - HEGEDUSOVÁ, Noemi - CUBÍNKOVÁ, Veronika - VARGOVIČ, Peter - MANZ, Georg - FILIPČÍK, Peter - MRAVEC, Boris - NOVÁK, Michal - KVETŇANSKÝ, Richard. Stress-Induced Activation of the Sympathoadrenal System is Determined by Genetic Background in Rat Models of Tauopathy. In *Journal of Alzheimer's Disease*, 2015, vol. 43, no. 4, p. 1157-1161. (4.151 - IF2014). (2015 - Current Contents). ISSN 1387-2877.
- ADCA25     LEVARSKÁ, Lenka - ŽILKA, Norbert - JADHAV, Santosh - NERADIL, Peter - NOVÁK, Michal. Of rodents and men: The mysterious interneuronal pilgrimage of misfolded protein tau in Alzheimer's disease. In *Journal of Alzheimer's Disease*, 2013, vol.37, p.569-577. (4.174 - IF2012). (2013 - Current Contents). ISSN 1387-2877.
- ADCA26     MAĐAR, Marián - BENCÚROVÁ, Elena - MLYNARČÍK, Patrik - ALMEIDA, A.M. - SOARES, R. - BHIDE, K. - PULZOVÁ, Lucia - KOVÁČ, Andrej - COELHO, A.V. - BHIDE, Mangesh. Exploitation of complement

regulatory proteins by *Borrelia* and *Francisella*. In *Molecular Biosystems*, 2015, vol.11, no.6, p.1684-1695. (3.210 - IF2014). (2015 - Current Contents). ISSN 1742-206X.

ADCA27     MAĎARI, Aladár - FARBAKOVÁ, Jana - KATINA, S. - SMOLEK, Tomáš - NOVÁK, Petr - WEISSOVÁ, Tatiana - NOVÁK, Michal - ŽILKA, Norbert. Assessment of severity and progression of canine cognitive dysfunction syndrome using the CANine DEmentia Scale (CADES). In *Applied animal behaviour science*, 2015, vol.171, p.138-145. (1.691 - IF2014). (2015 - Current Contents). ISSN 0168-1591.

ADCA28     MAJEROVÁ, Petra - ŽILKOVÁ, Monika - KÁŽMÉROVÁ, Zuzana - KOVÁČ, Andrej - PAHOLÍKOVÁ, Kristína - KOVÁČECH, Branislav - ŽILKA, Norbert - NOVÁK, Michal. Microglia display modest phagocytic capacity for extracellular tau oligomers. In *Journal of Neuroinflammation*, 2014, vol.11, 161. (4.902 - IF2013). (2014 - Current Contents). ISSN 1742-2094.

ADCA29     MLYNARČÍK, Patrik - PULZOVÁ, Lucia - BENCÚROVÁ, Elena - KOVÁČ, Andrej - DOMINGUEZ, Miguel A. - HREŠKO, Stanislav - BHIDE, Mangesh. Deciphering the interface between a CD40 receptor and borrelial ligand OspA. In *Microbiological Research*, 2015, vol. 170, p. 51-60. (2.561 - IF2014). (2015 - Current Contents). ISSN 0944-5013 (Print).

ADCA30     MLYNARČÍK, Patrik - BENCÚROVÁ, Elena - MAĎAR, Marián - MUCHA, Rastislav - PULZOVÁ, Lucia - HREŠKO, Stanislav - BHIDE, Mangesh. Development of simple and rapid elution methods for proteins from various affinity beads for their direct MALDI-TOF downstream application. In *Journal of Proteomics*, 2012, vol.75, no.14, p.4529-4535. (4.878 - IF2011). (2012 - Current Contents). ISSN 1874-3919.

ADCA31     MRAVEC, Boris - VARGOVIČ, Peter - FILIPČÍK, Peter - NOVÁK, Michal - KVETŇANSKÝ, Richard. Effect of a single and repeated stress exposure on gene expression of catecholamine biosynthetic enzymes in brainstem catecholaminergic cell groups in rats. In *European Journal of Neuroscience*, 2015, vol. 42, no. 2, p. 1872-1886. (3.181 - IF2014). (2015 - Current Contents). ISSN 0953-816X.

ADCA32     MUCHA, Rastislav - BHIDE, Mangesh. BoLA-DRB3 exon 2 mutations associated with paratuberculosis in cattle. In *Veterinary Journal*, 2012, vol.192, no.3, p.517-519. (2.239 - IF2011). ISSN 1090-0233.

ADCA33     OPATTOVÁ, Alena - FILIPČÍK, Peter - ČENTE, Martin - NOVÁK, Michal. Intracellular degradation of misfolded tau protein induced by geldanamycin is associated with activation of proteasome. In *Journal of Alzheimer's Disease*, 2013, vol.33, no.2, p.339-348. (4.174 - IF2012). (2013 - Current Contents). ISSN 1387-2877.

ADCA34     PAHOLÍKOVÁ, Kristína - ŠALINGOVÁ, Barbara - OPATTOVÁ, Alena - ŠKRABANA, Rostislav - MAJEROVÁ, Petra - ŽILKA, Norbert - KOVÁČECH, Branislav - ŽILKOVÁ, Monika - BARÁTH, Peter - NOVÁK, Michal. N-terminal Truncation of Microtubule Associated Protein Tau Dysregulates its Cellular

Localization. In *Journal of Alzheimer's Disease*, 2015, vol.43, no.3, p.915-926. (4.151 - IF2014). (2015 - Current Contents). ISSN 1387-2877.

- ADCA35     STAŠOVÁ, D. - HUSÁKOVÁ, E. - BOBÍKOVÁ, K. - KARAFFOVÁ, V. - LEVKUTOVÁ, M. - LEVKUT, Mikuláš. Expression of cytokines in chicken peripheral blood mononuclear cells after stimulation by probiotic bacteria and *Campylobacter jejuni* in vitro. In *Food and Agricultural Immunology*, 2015, vol.26, p.813-820. (0.986 - IF2014). (2015 - Current Contents). ISSN 0954-0105.
- ADCA36     SVETLÍKOVÁ, Zuzana - BARÁTH, Peter - JACKSON, Mary - KORDULÁKOVÁ, Jana - MIKUŠOVÁ, Katarína. Purification and characterization of the acyltransferase involved in biosynthesis of the major mycobacterial cell envelope glycolipid - Monoacylated phosphatidylinositol dimannoside. In *Protein Expression and Purification*, 2014, vol. 100, p. 33-39. (1.508 - IF2013). (2014 - Current Contents). ISSN 1046-5928.
- ADCA37     ŠKRABANA, Rostislav - CEHLÁR, Ondrej - NOVÁK, Michal. Non-robotic high-throughput setup for manual assembly of nanolitre vapour-diffusion protein crystallization screens. In *Journal of Applied Crystallography*, 2012, vol.45, no.5, p.1061-1065. (5.152 - IF2011). (2012 - Current Contents). ISSN 0021-8898.
- ADCA38     TANG, Z. - BERECKZI, E. - ZHANG, H. - WANG, S. - LI, C. - JI, X. - BRANCA, R.M. - LEHTIO, J. - GUAN, Z. - FILIPČÍK, Peter - XU, S. - WINBLAD, B. - PEI, J.J. Mammalian Target of Rapamycin (mTor) Mediates Tau Protein Dyshomeostasis IMPLICATION FOR ALZHEIMER DISEASE. In *Journal of Biological Chemistry*, 2013, vol. 288, p. 15556-15570. (4.651 - IF2012). (2013 - Current Contents). ISSN 0021-9258.
- ADCA39     ŽILKA, Norbert - KOVÁČECH, Branislav - BARÁTH, Peter - KONTSEKOVÁ, Eva - NOVÁK, Michal. The self-perpetuating tau truncation circle. In *Biochemical society transactions*, 2012, vol.40, no.4, p.681-686. (3.711 - IF2011). (2012 - Current Contents). ISSN 0300-5127.
- ADCA40     ŽILKA, Norbert - KÁŽMÉROVÁ, Zuzana - JADHAV, Santosh - NERADIL, Peter - MAĐARI, Aladár - OBETKOVÁ, Dominika - BUGOŠ, Ondrej - NOVÁK, Michal. Who fans the flames of Alzheimer's disease brains? Misfolded tau on the crossroad of neurodegenerative and inflammatory pathways. In *Journal of Neuroinflammation*, 2012, vol.9, p.47. (3.827 - IF2011). (2012 - Current Contents). ISSN 1742-2094.
- ADDA Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)**
- ADDA01     AUGUSTÍN, Tomáš - CEHLÁR, Ondrej - ŠKRABANA, Rostislav - MAJEROVÁ, Petra - HANES, Jozef. Unraveling viral camouflage: approaches to the study and characterization of conformational epitopes. In *Acta Virologica : international journal*, 2015, vol.59, p.103-116. (1.280 - IF2014). (2015 - Current Contents). ISSN 0001-723X.
- ADDA02     FLACHBARTOVÁ, Zuzana - KOVÁČECH, Branislav. Mortalin - a multipotent chaperone regulating cellular processes ranging from viral infection to

neurodegeneration. In *Acta Virologica : international journal*, 2013, vol.57, no.1, p.3-15. (0.759 - IF2012). (2013 - Current Contents). ISSN 0001-723X.

ADDA03 MAROŠOVÁ, Lenka - NERADIL, Peter - ŽILKA, Norbert. How can viruses influence the neuroinflammation and neurodegeneration in the aged human brain. In *Acta Virologica : international journal*. - Bratislava : Virologický ústav SAV, 1957-, 2013, vol.57, no.3, p.273-281. (0.759 - IF2012). (2013 - Current Contents). ISSN 0001-723X.

ADDA04 MITRO, Alexander. Method of labelling of individual ependymal areas according to periventricular structures of the rat lateral brain ventricles. In *Biologia : journal of the Slovak Academy of Sciences*, 2014, vol. 69, no. 9, p. 1250-1254. (0.696 - IF2013). (2014 - Current Contents). ISSN 0006-3088.

ADDA05 OPATTOVÁ, Alena - ČENTE, Martin - NOVÁK, Michal - FILIPČÍK, Peter. The ubiquitin proteasome system as a potential therapeutic target for treatment of neurodegenerative diseases. In *General Physiology and Biophysics*, 2015, vol.34, p.337-352. (1.173 - IF2014). (2015 - Current Contents). ISSN 0231-5882.

ADDA06 PRČINA, Michal - KONTSEKOVÁ, Eva - NOVÁK, Michal. Prion protein prevents heavy metals overloading of cells and thus protects them against their toxicity. In *Acta Virologica : international journal*, 2015, vol.59, no. 2, p.179-184. (1.280 - IF2014). (2015 - Current Contents). ISSN 0001-723X.

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

ADEB01 VLACHAKIS, Dimitrios - BENCÚROVÁ, Elena - PAPAGEORGIOU, Louis - BHIDE, Mangesh - KOSSIDA, S. Protein phosphorylation prediction: limitations, merits and pitfalls. In *Journal of Molecular Biochemistry*, 2015, vol.4, p.36-41. ISSN 2241-0090.

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

ADMA01 CEHLÁR, Ondrej - ŠKRABANA, Rostislav - KOVÁČ, Andrej - KOVÁČECH, Branislav - NOVÁK, Michal. Crystallization and preliminary X-ray diffraction analysis of tau protein microtubule-binding motifs in complex with Tau5 and DC25 antibody Fab fragments. In *Acta Crystallographica Section F : Structural Biology and Crystallization Communication*, 2012, vol.68, p.1181-1185. (0.506 - IF2011). ISSN 1744-3091.

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ADMA03 JADHAV, Santosh - CUBÍNKOVÁ, Veronika - ZIMOVÁ, Ivana - BREZOVÁKOVÁ, Veronika - MAĎARI, Aladár - CIGÁNKOVÁ, V. - ŽILKA, Norbert. Tau-mediated synaptic damage in Alzheimer's disease. In *Translational Neuroscience*, 2015, vol.6, no.1, p.214-226. ISSN 2081-3856.

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- FAI01      *Annual Meeting of Slovak Society for Neuroscience & Centre of Excellence for Brain Research : Programme and Abstracts Book. Smolenice Castle, Slovakia May 24 - 26, 2012.* Peter Filipčík, editor. Dunajská Lužná, Bratislava : AHO3, The Institute of Neuroimmunology, 2012. 70 s. ISBN 978-80-969931-7-8.
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- FAI03      *Biologická liečba v teórii a praxi. II. ročník : Jednodňová konferencia Slovenskej imunologickej spoločnosti a Neuroimunologického ústavu Slovenskej akadémie vied. Bratislava, 23. septembra 2015. Zborník..* Peter Filipčík, editor. Dunajská Lužná, Bratislava : AHO5, Neuroimunologický ústav SAV, 2015. 86 s. ISBN 978-80-971357-1-3.
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