

## List of publishing activities for 2009-2019 - in extenso

### Mravec, Boris

#### AAB Scientific monographs issued by domestic publishers

AAB01 Mravec, Boris - Ondičová, Katarína: Nervus vagus. - 1. vyd. - Bratislava : SAP, 2010. - 361 s. ISBN 978-80-8095-061-3

#### ABC Chapters in scientific monographs issued by foreign publishers

ABC01 Gvozdjáková, Anna - Kucharská, Jarmila - Sumbalová, Zuzana - Kvetňanský, Richard - Mikulecký, Miroslav, st. - Mravec, Boris - Singh, Ram Bahadur: Mitochondrial function in Down syndrome. In: Eds.: Dominicus Jelinek, Gijs Dvorak : Handbook of Down Syndrome Research. - New York : Nova Sciences Publishers, 2009. - S. 207-229. - ISBN 978-1-60741-690-6  
*Registered in: scopus*

#### ABD Chapters in scientific monographs issued by domestic publishers

ABD01 Mravec, Boris: Základy neurofyziológie centrálného nervového systému (vo vzťahu k mechanizmu účinku psychofarmák). In: Psychofarmakológia. - Bratislava : Wolters Kluwer, 2016. - S. 69-106. - ISBN 978-80-8168-542-2

ABD02 Mravec, Boris - Kvetňanský, Richard: Nervová regulácia krvného tlaku a jej úloha pri vzniku hypertenzie. In: Regulačné mechanizmy v patofyziológii hypertenzie. - Bratislava : Petrus, 2015. - S. 28-50. - ISBN 978-80-89233-76-2

ABD03 Filipčík, Peter - Ferencík, Miroslav - Žilka, N. - Hulín, Ivan - Mravec, Boris - Kontseková, E. - Novák, M.: Účasť neurozápalu pri poškodeniach a chorobách CNS. In: M. Ferencík a kol.: Zápal - fundamentálny princíp vzniku chorôb. - Bratislava : Balneotherma, 2009. - S. 329-357. - ISBN 978-80-970156-1-9

#### ADC Scientific papers in foreign Current Contents journals

ADC01 Mravec, Boris - Horváthová, Ľubica - Szelle Černáčková, Alena: Hypothalamic inflammation at a crossroad of somatic diseases. In: Cellular and Molecular Neurobiology. - Roč. 39, č. 1 (2019), s. 11-29. - ISSN (print) 0272-4340  
*Registered in: wos, scopus*  
*Journal indicator: IF (JCR) 2018=3,811*  
*Citations (1)*

ADC02 Ondičová, Katarína – Tilinger, Andrej – Pečeňák, Ján – Mravec, Boris: The vagus nerve role in antidepressants action: Efferent vagal pathways participate in peripheral anti-inflammatory effect of fluoxetine. In: Neurochemistry International. - č. 125 (2019), s. 47-56. - ISSN (print) 0197-0186 ISSN (online) 1872-9754  
*Registered in: wos, scopus*  
*Journal indicator: IF - JCR: 2018 - 3,994*

ADC03 Tilinger, Andrej – Padová, Alexandra – Mravec, Boris – Sashova Tomova, Aleksandra: Stressors affect urocortin 1 and urocortin 2 gene expression in rat spleen: The role of glucocorticoids. In: Journal of Neuroimmunology. - Roč. 336 (2019), s. [1-7], Art. No. 577030. - ISSN (print) 0165-5728 ISSN (online) 1872-8421  
*Registered in: wos, scopus*

- ADC04 Mravec, Boris - Horváthová, Ľubica - Padová, Alexandra: Brain under stress and Alzheimer s disease. In: Cellular and Molecular Neurobiology. - Roč. 38, č. 1 (2018), s. 73-84. - ISSN (print) 0272-4340  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2018=3,811  
*Citations* (9)
- ADC05 Tillinger, Andrej - Horváthová, Ľubica - Nostramo, Regina - Serova, Lidia I. - Kvetňanský, Richard - Sabban, Esther L. - Mravec, Boris: Glucocorticoid withdrawal affects stress-induced changes in urocortin 2 gene expression in the rat adrenal medulla and brain. In: Journal of Neuroendocrinology. - Roč. 30, č. 5 (2018), s. [1-10], Art. No. 12595. - ISSN (print) 0953-8194  
*Registered in:* wos  
*Journal indicator:* IF (JCR) 2018=3,040
- ADC06 Herichová, Iveta - Hasáková, Kristína - Lukáčová, D. - Mravec, Boris - Horváthová, Ľubica - Kavická, Dorota: Prefrontal Cortex and Dorsomedial Hypothalamus Mediate FoodReward-Induced Effects via npas2 and egr1 Expression in Rat. In: Physiological Research. - Vol. 66, Suppl. 4 (2017), s. S501-S510. - ISSN 0862-8408  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2017=1,324
- ADC07 Važan, Rastislav - Filčíková, Diana - Mravec, Boris: Effect of the Stroop test performed in supine position on the heart rate variability in both genders. In: Autonomic Neuroscience : Basic & Clinical. - Vol. 208 (2017), s. 156-160. - ISSN 1566-0702  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2017=2,605
- ADC08 Mikuška, Lívia - Vrabcová, Michaela - Tillinger, Andrej - Baláž, Miroslav - Ukropec, Jozef - Mravec, Boris: Chronic liquid nutrition intake induces obesity and considerable butreversible metabolic alterations in Wistar rats. Lívia Mikuška and Michaela Vrabcová participated equally. In: Journal of Physiology and Biochemistry. - Vol. 72, No. 2 (2016), s. 225-243. - ISSN 1138-7548  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2016=2,444  
*Citations* (1)
- ADC09 Mravec, Boris - Lejavová, Katarína - Vargovič, Peter - Ondičová, Katarína - Horváthová, Ľubica - Novák, Petr - Manz, Georg - Filipčík, Peter - Novák, Michal - Kvetňanský, Richard: Tauopathy in transgenic (SHR72) rats impairs function of central noradrenergic system and promotes neuroinflammation. In: Journal of Neuroinflammation [elektronický zdroj]. - Vol. 13 (2016), Art. No. 15 [17 s.] [online]. - ISSN 1742-2094  
URL:  
[http://download.springer.com/static/pdf/409/art%253A10.1186%252Fs12974-016-0482-1.pdf?originUrl=http%3A%2F%2Fneuroinflammation.biomedcentral.com%2Farticle%2F10.1186%2Fs12974-016-0482-1&token2=exp=1459406438~acl=%2Fstatic%2Fpdf%2F409%2Fart%25253A10.1186%25252Fs12974-016-0482-1.pdf\\*~hmac=7460883783db0f8b55baa6893e0e6deb7dedafdba4e8cd512ef11ea4d7108918](http://download.springer.com/static/pdf/409/art%253A10.1186%252Fs12974-016-0482-1.pdf?originUrl=http%3A%2F%2Fneuroinflammation.biomedcentral.com%2Farticle%2F10.1186%2Fs12974-016-0482-1&token2=exp=1459406438~acl=%2Fstatic%2Fpdf%2F409%2Fart%25253A10.1186%25252Fs12974-016-0482-1.pdf*~hmac=7460883783db0f8b55baa6893e0e6deb7dedafdba4e8cd512ef11ea4d7108918)  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2016=5,102  
*Citations* (3)
- ADC10 Vrabcová, Michaela - Mikuška, Lívia - Važan, Rastislav - Miko, Michal - Varga, Ivan - Mravec, Boris: Effect of chronic intake of liquid nutrition on stomach and duodenum morphology. Michaela Vrabcová and Lívia Mikuška: both authors participated equally. In: Acta Histochemica. - Vol. 118, No. 4 (2016), s. 435-442. - ISSN (print) 0065-1281  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2016=1,360
- ADC11 Breciková, Katarína - Ondičová, Katarína - Horváthová, Ľubica - Hegedüsová, Noémi - Cubinková, 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. - Vol. 43, No. 4 (2015), s. 1157-1161. - ISSN 1387-2877

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2015=3,920

*Citations (1)*

ADC12 Havránek, Tomáš - Zaťková, Martina - Lešťanová, Zuzana - Bačová, Zuzana - Mravec, Boris - Hodosy, Július - Štrbák, Vladimír - Bakoš, Ján: Intracerebroventricular oxytocin administration in rats enhances object recognition and increases expression of neurotrophins, microtubule-associated protein 2, and synapsin I. Tomáš Havránek and Martina Zaťková contributed equally to this work.

In: Journal of Neuroscience Research. - Vol. 93, No. 6 (2015), s. 893-901. - ISSN 0360-4012

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2015=2,689

*Citations (14)*

ADC13 Horváthová, Ľubica - Tillinger, Andrej - Siváková, Ivana - Miková, Lucia - Mravec, Boris - Bucová, Mária: Chemical sympathectomy increases neutrophil-to-lymphocyteratio in tumor-bearing rats but does not influence cancer progression. In: Journal of Neuroimmunology. - Vol. 278, January (2015), s. 255-261. - ISSN 0165-5728

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2015=2,536

*Citations (2)*

ADC14 Miková, Lucia - Horváthová, Ľubica - Ondičová, Katarína - Tillinger, Andrej - Vannucci, Luca E. - Bízik, Jozef - Gidron, Yori - Mravec, Boris: Ambiguous effect of signals transmitted by the vagus nerve on fibrosarcoma incidence and survival of tumor-bearing rats. In: Neuroscience Letters. - Vol. 593, April (2015), s. 90-94. - ISSN 0304-3940

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2015=2,107

*Citations (1)*

ADC15 Mravec, Boris - Ondičová, Katarína - Tillinger, Andrej - Pečeňák, Ján: Subdiaphragmatic vagotomy enhances stress-induced epinephrine release in rats. In: Autonomic Neuroscience : Basic & Clinical. - Vol. 190 (2015), s. 20-25. - ISSN 1566-0702

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2015=1,621

*Citations (4)*

ADC16 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. - Vol. 42, No. 2 (2015), s. 1872-1886. - ISSN 0953-816X

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2015=2,975

*Citations (2)*

ADC17 Altaner, Čestmír - Altanerová, Veronika - Cihová, Marína - Ondičová, Katarína - Rychlý, Boris - Bačiak, Ladislav - Mravec, Boris: Complete regression of glioblastoma by mesenchymal stem cells mediated prodrug gene therapy simulating clinical therapeutic scenario. In: International Journal of Cancer. - Vol. 134, No. 6 (2014), s. 1458-1465. - ISSN 0020-7136

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2014=5,085

*Citations (46)*

ADC18 Vrabcová, Michaela - Mikuška, Lívía - Zeman, Michal - Mravec, Boris: Exaggerated activity of HPA axis in

obese rats fed normocaloric liquid nutrition.

Michaela Vrabcová and Lívía Mikuška: authors contributed equally to this work

In: Acta Biologica Hungarica. - Vol. 65, No. 3 (2014), s. 285-293. - ISSN 0236-5383

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2014=0,589

ADC19 Beneš, Jan - Mravec, Boris - Kvetňanský, Richard - Mysliveček, Jaromír: The restructuring of muscarinic receptor subtype gene transcripts in c-fos knock-out mice. In: Brain Research Bulletin. - Vol. 94, May (2013), s. 30-39. - ISSN 0361-9230

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2013=2,974

*Citations (4)*

ADC20 Herichová, Iveta - Kavická, Dorota - Szántóová, Kristína - Mravec, Boris - Neupauerová, Denisa - Veselá, Anna - Zeman, Michal: Effect of angiotensin II on rhythmic per2 expression in the suprachiasmatic nucleus and heart and daily rhythm of activity in Wistar rats. In: Regulatory Peptides. - Vol. 186 (2013), s. 49-56. - ISSN 0167-0115

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2013=2,014

*Citations (4)*

ADC21 Kavická, Dorota - Monošíková, Jana - Koyšová, Lucia - Veselá, Anna - Mravec, Boris - Herichová, Iveta: Effect of Streptozotocin-induced Diabetes on ClockGene Expression in Tissues Inside and Outside the Blood-brain Barrier in Rat. In: Experimental and Clinical Endocrinology & Diabetes. - Vol. 121, No. 8 (2013), s. 466-474. - ISSN 0947-7349

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2013=1,760

*Citations (2)*

ADC22 Kavická, Dorota - Veselá, Anna - Mravec, Boris - Herichová, Iveta: Daily Profile of glut1 and glut4 Expression in Tissues Inside and Outside the Blood-Brain Barrier in Control and Streptozotocin-Treated Rats. In: Physiological Research. - Vol. 62, Suppl. 1 (2013), s. S115-S124. - ISSN 0862-8408

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2013=1,487

*Citations (2)*

ADC23 Lackovičová, Ľubica - Gaykema, Ronald P. - Miková, Lucia - Kiss, Alexander - Goehler, Lisa E. - Mravec, Boris: The time-course of hindbrain neuronal activity varies according to location during either intraperitoneal or subcutaneous tumor growth in rats: Single Fos and dual Fos/dopamine beta-hydroxylase immunohistochemistry. In: Journal of Neuroimmunology. - Vol. 260, No. 1-2 (2013), s. 37-46. - ISSN 0165-5728

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2013=2,786

ADC24 Altanerová, Veronika - Cihová, Marína - Babic, Michal - Rychlý, Boris - Ondičová, Katarína - Mravec, Boris - Altaner, Čestmír: Human adipose tissue-derived mesenchymal stem cells expressing yeast cytosinedeaminase: uracil phosphoribosyltransferase inhibit intracerebral rat glioblastoma. In: International Journal of Cancer. - Vol. 130, Iss. 10 (2012), s. 2455-2463. - ISSN 0020-7136

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2012=6,198

*Citations (43)*

ADC25 Beneš, Jan - Mravec, Boris - Křižanová, Oľga - Kvetňanský, Richard - Mysliveček, Jaromír: The restructuring of dopamine receptor subtype gene transcripts in c-fos KO mice. In: Brain Research Bulletin. - Vol. 87, No. 6 (2012), s. 511-520. - ISSN 0361-9230

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2012=2,935  
*Citations* (2)

ADC26 De Couck, Marijke - Mravec, Boris - Gidron, Yori: You may need the vagus nerve to understand pathophysiology and to treat diseases. In: *Clinical Science*. - Vol. 122, No. 7-8 (2012), s. 323-328. - ISSN 0143-5221

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2012=4,859  
*Citations* (21)

ADC27 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*. - Vol. 32, Iss. 5, Sp. Iss. SI (2012), s. 837-845. - ISSN (print) 0272-4340

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2012=2,293  
*Citations* (18)

ADC28 Bundziková, Jana - Pírník, Zdenko - Lackovičová, Lubica - Mravec, Boris - Kiss, Alexander: Activation of different neuronal phenotypes in the rat brain induced by liver ischemia-reperfusion injury: dualfos/neuropeptide immunohistochemistry. In: *Cellular and Molecular Neurobiology*. - Vol. 31, No. 2 (2011), s. 293-301. - ISSN (print) 0272-4340

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2011=1,969  
*Citations* (3)

ADC29 Mravec, Boris: The role of the vagus nerve in stroke. In: *Autonomic Neuroscience : Basic & Clinical*. - Vol. 158, No. 1-2 (2010), s. 8-12. - ISSN 1566-0702

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2010=1,671  
*Citations* (24)

ADC30 Ondičová, Katarína - Mravec, Boris: Role of nervous system in cancer aetiopathogenesis. In: *Lancet Oncology*. - Vol. 11, No. 6 (2010), s. 596-601. - ISSN 1470-2045

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2010=17,764  
*Citations* (46)

ADC31 Ondičová, Katarína - Mravec, Boris: Do monoamine-synthesizing cells constitute a complex network of oxygen sensors? In: *Medical Hypotheses*. - Vol. 74, No. 3 (2010), s. 547-551. - ISSN 0306-9877

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2010=1,389

ADC32 Hulín, Ivan - Ďuriš, Ivan - Paulis, Ludovít - Sapáková, Elena - Mravec, Boris: Dangerous versus useful hypertension (A holistic view of hypertension). In: *European Journal of Internal Medicine*. - Vol. 20, No. 2 (2009), s. 226-230. - ISSN 0953-6205

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2009=1,385

ADC33 Mravec, Boris - Ondičová, Katarína - Poljak Valášková, Zuzana - Gidron, Yori - Hulín, Ivan: Neurobiological principles in the etiopathogenesis of disease: When diseases have ahead. In: *Medical Science Monitor*. - Vol. 15, No. 1 (2009), s. RA6-RA16. - ISSN 1234-1010

*Registered in:* scopus  
*Journal indicator:* IF (JCR) 2009=1,543  
*Citations* (17)

ADC34 Pirník, Zdenko - Petrák, Juraj - Bundziková, Jana - Mravec, Boris - Kvetňanský, Richard - Kiss, A.: Response of hypothalamic oxytocinergic neurons to immobilization stress is not dependent on the presence of corticotropin releasing hormone (CRH): a CRH knock-out mouse study. In: Journal of Physiology and Pharmacology. - Vol. 60, No. 2 (2009), s. 77-82. - ISSN (print) 0867-5910

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2009=1,489

*Citations* (6)

ADC35 Pirník, Zdenko - Bundziková, Jana - Francisty, Tomas - Cibulová, Elena - Lackovičová, Ľubica - Mravec, Boris - Kiss, Alexander: Effect of liver ischemia-reperfusion injury on the activity of neurons in the rat brain. In: Cellular and Molecular Neurobiology. - Vol. 29, No. 6-7 (2009), s. 951-960. - ISSN (print) 0272-4340

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2009=2,107

*Citations* (1)

ADC36 Zeman, Michal - Szántóová, Kristína - Stebelová, Katarína - Mravec, Boris - Herichová, Iveta: Effect of rhythmic melatonin administration on clock gene expression in the suprachiasmatic nucleus and the heart of hypertensive TGR(mRen2)27 rats. In: Journal of Hypertension. - Vol. 27, Suppl. 6 (2009), s. S21-S26. - ISSN 0263-6352

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2009=4,988

*Citations* (24)

#### **ADD Scientific papers in domestic Current Contents journals**

ADD01 Ondičová, Katarína - Hegedüsová, Noémi – Tibenský, Miroslav – Mravec, Boris: Ivabradine reduces baseline and stress-induced increase of heart rate and blood pressure and modulates neuroendocrine stress response in rats depending on stressor intensity. In: General Physiology and Biophysics. - Roč. 38, č. 2 (2019), s. 165-173. - ISSN (online) 1338-4325 ISSN (print) 0231-5882

*Registered in:* wos, scopus

*Journal indicator:* IF(JCR) 2018 – 1,309

ADD02 Altanerová, Uršula - Benejová, Katarína - Altanerová, Veronika - Tyčiaková, Silvia - Rychlý, Boris - Szomolányi, Pavol - Ciampor, F. - Cihová, Marina - Repiská, Vanda - Ondičová, Katarína - Mravec, Boris - Altaner, Ľestmír: Dental pulp mesenchymal stem/stromal cells labeled with iron sucrose release exosomes and cells applied intra-nasally migrate to intracerebral glioblastoma. In: Neoplasma. - Roč. 63, č. 6 (2016), s. 925-933. - ISSN (print) 0028-2685

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2016=1,871

*Citations* (1)

ADD03 Mikuška, Lívia - Vrabcová, Michaela - Horváthová, Ľubica - Osacká, Jana - Varga, Ivan - Mravec, Boris: Chronic liquid nutrition feeding affects blood pressure, heart and kidney morphology, and serum lipid profile in Wistar rats.

Lívia Mikuška and Michaela Vrabcová have contributed equally to this work

In: General Physiology and Biophysics. - Roč. 35, č. 2 (2016), s. 131-144. - ISSN 0231-5882

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2016=1,170

ADD04 Gvozdjaková, Anna - Mravec, Boris - Kucharská, Jarmila - Lackovičová, Ľubica - Ondičová, Katarína - Tkačov, Martin - Singh, Ram Bahadur: Increased ubiquinone concentration after intracerebroventricularly-administrated ubiquinol to selected rat brain regions. In: General Physiology and Biophysics. - Vol. 31, No. 4 (2012), s. 469-472. - ISSN 0231-5882

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2012=0,852

*Citations (3)*

ADD05 Mravec, Boris - Bodnár, Ibolya - Uherezky, Gabriela - Kvetňanský, Richard - Palkovits, Miklós: Effect of lesions of A5 or A7 noradrenergic cell group or surgical transection of brainstem catecholamine pathways on plasma catecholamine levels in rats injected subcutaneously by formalin. In: *General Physiology and Biophysics*. - Roč. 31, č. 3 (2012), s. 247-254. - ISSN 0231-5882

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2012=0,852

*Citations (3)*

ADD06 Lackovičová, Ľubica - Miková, Lucia - Bundziková, Jana - Janega, Pavol - Bízik, Jozef - Kiss, Alexander - Mravec, Boris: Chemical sympathectomy suppresses fibrosarcoma development and improves survival of tumor-bearing rats. In: *Neoplasma*. - Vol. 58, No. 5 (2011), s. 424-429. - ISSN (print) 0028-2685

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2011=1,440

*Citations (6)*

**ADE Scientific papers in other foreign journals**

ADE01 Mravec, Boris: The brain as a target for development of new class of drugs for the treatment of somatic diseases. In: *Expert Opinion on Therapeutic Targets*. - Vol. 16, No. 5 (2012), s. 433-437. - ISSN 1472-8222

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2012=4,130

ADE02 Mravec, Boris - Tillinger, Andrej - Kvetňanský, Richard: Mechanisms of a decapitation-induced increase in the plasma catecholamine levels in rats. In: *Neurophysiology*. - Vol. 44, No. 3 (2012), s. 216-220. - ISSN 0090-2977

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2012=0,384

*Citations (1)*

ADE03 Mravec, Boris: Úloha centrálného nervového systému v etiopatogenéze chorôb periférnych orgánov = The role of central nervous system in etiopathogenesis of peripheral organ diseases. In: *Vnitřní lékařství*. - Roč. 57, č. 10 (2011), s. 839-846. - ISSN (print) 0042-773X

*Registered in:* scopus

ADE04 Mravec, Boris: Zápalový reflex: úloha nervus vagus v regulácii imunitných funkcií = The inflammatory reflex: the role of the vagus nerve in regulation of immune functions. In: *Československá fyziologie*. - Roč. 60, č. 2 (2011), s. 57-69. - ISSN 1210-6313

*Registered in:* scopus

*Citations (1)*

ADE05 Ondičová, Katarína - Pečeňák, Ján - Mravec, Boris: The role of the vagus nerve in depression. In: *Neuroendocrinology Letters*. - Vol. 31, No. 5 (2010), s. 602-608. - ISSN 0172-780X

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2010=1,621

*Citations (10)*

ADE06 Poljak Valášková, Zuzana - Kiňová, Soňa - Danihel, Ľudovít - Ďuriš, Ivan - Markovičová, Dana - Mravec, Boris - Hulín, Ivan: Komplexita interakcií nádorového procesu = The complexity of interactions of the tumor growth process. In: *Vnitřní lékařství*. - Roč. 55, č. 12 (2009), s. 1145-1158. - ISSN (print) 0042-773X

*Registered in:* scopus

*Citations (4)*

### **ADF Scientific papers in other domestic journals**

- ADF01 Mravec, Boris - Blažíček, Pavel - Kvetňanský, Richard: Stres: od prospešných účinkov po vznik chorôb. In: *InVitro*. - Roč. 2, č. 4 (2014), s. 136-143. - ISSN 1339-5912
- ADF02 Ondičová, Katarína - Kvetňanský, Richard - Mravec, Boris: Medial prefrontal cortex transection enhanced stress-induced activation of sympathoadrenal system in rats. In: *Endocrine Regulations*. - Vol. 46, No. 3 (2012), s. 129-136. - ISSN 1210-0668  
*Registered in:* scopus  
*Citations* (5)
- ADF03 Bundziková, Jana - Pirník, Zdenko - Lackovičová, Ľubica - Mravec, Boris - Kiss, Alexander: Brain-liver interactions during liver ischemia reperfusion injury: a minireview. In: *Endocrine Regulations*. - Vol. 45, No. 3 (2011), s. 163-172. - ISSN 1210-0668  
*Registered in:* scopus  
*Citations* (6)
- ADF04 Mravec, Boris: Role of catecholamine-induced activation of vagal afferent pathways in regulation of sympathoadrenal system activity: negative feedback loop of stress response. In: *Endocrine Regulations*. - Roč. 45, č. 1 (2011), s. 37-41. - ISSN 1210-0668  
*Registered in:* scopus  
*Citations* (16)
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