

## Zoznam publikačnej činnosti a ohlasov

**doc. MUDr. Boris Mravec, PhD.**

### AAB Vedecké monografie vydané v domácich vydavateľstvách

AAB01 Mravec, Boris 75% - Bernadič, Marián 5% - Hulín, Ivan - Kiss, Alexander - Kvetňanský, Richard - Kukanová, Barbara - Pečeňák, Ján 3 %: Neurotransmitery. - 1. vyd. - Bratislava : SAP, 2007. - 284 s. ISBN 978-80-8095-005-7

*Ohlasy (3):*

[o6] 2007 Bernadičová, H. - Maasová, D.: Rheumatologia, roč. 21, č. 1, 2007, s. 19-20

[o6] 2007 Bernadičová, H. - Maasová, D.: Praktická gynekológia, roč. 14, č. 1, 2007, s. 21

[o4] 2008 Paulinyová, M. - Šuba, J. - Bohmer, F. - Hradečná, Z. - Škodáček, I.: Psychiatria, psychoterapia, psychosomatika, roč. 15, č. 1, 2008, s. 7-13

AAB02 Mravec, Boris 100%: Neurobiológia chorôb periférnych tkanív. - 1. vyd. - Bratislava : SAP, 2008. - 220 s. [11 AH]

ISBN 978-80-8095-030-9

POZNÁMKA: Abstrakt v časopise : Lekársky obzor, roč. 59, Suppl. (2010), s. 17. -

*Ohlasy (2):*

[o2] 2009 Mifkovič, A. - Škultéty, J. - Pindak, D. - Pechan, J.: Bratislavské Lekárske Listy, roč. 110, č. 9, 2009, s. 544-552 - SCI

[o2] 2009 Valášková, Z. - Lackovičová, L. - Vrabcová, M. - Bizik, J. - Perželová, A. - Máčíková, I. - Danihel, L. - Kiňová, S. - Buckingham, T. - Hulín, I.: Bratislavské Lekárske Listy, roč. 110, č. 3, 2009, s. 127-132 - SCI

AAB03 Mravec, Boris 90% - Ondičová, Katarína 10%: Nervus vagus. - 1. vyd. - Bratislava : SAP, 2010. - 361 s. ISBN 978-80-8095-061-3

### ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01 Gvozdjáková, Anna 50% - Kucharská, Jarmila 20% - Sumbalová, Zuzana 10% - Kvetňanský, Richard - Mikulecký, Miroslav, st. - Mravec, Boris - Singh, Ram Bahadur : Mitochondrial function in down syndrome Lit.: 76 zázn.

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

### ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách

ABD01 Filipčík, Peter 25% - Ferenčík, Miroslav 25% - Žilka, N. 10% - Hulín, Ivan 10% - Mravec, Boris 10% - Kontseková, E. 10% - Novák, M. 10%: Účasť neurozápalu pri poškodeniach a chorobách CNS

In: M. Ferenčík a kol. : Zápal - fundamentálny princíp vzniku chorôb. - Bratislava : Balneotherma, 2009. - S. 329-357. - ISBN 978-80-970156-1-9

### ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

ACB01 Holzerová, Johana - Bakošová, Magda - Bernadič, Marián 8% - Bernátová, Iveta. - Čamborová, Petra - Hubka, Peter 0,02% - Hubková, Zuzana - Hulín, Ivan - Matúšková, Jana. - Lupták, Ivan - Luptáková, Katarína - Maasová, Dagmar - Matúšková, Jana - Mladosievičová, Beata 3% - Mravec, Boris 10% - Pecháňová, Oľga - Sapáková, Elena - Šimko, Fedor - Šulková, Ivana - Turčáni, Marián - Urban, Horst - Zlatoš, Ladislav : Modely chorôb v patofyziológii. - 1. vyd. - Bratislava : Univerzita Komenského, 2006. - 129 s. ISBN 80-223-2046-3

ACB02 Hulín, Ivan - Babál, Pavel - Bakošová, Jana - Bartúnek, Jozef - Bernadič, Marián 10% - Beňušková, Ľubica 1% - Blahoš, Jaroslav - Blažičková, Stanislava - Buckingham, Thomas - Celec, Peter 0,01% - Čamborová, Petra - Ďuriš, Ivan - Farkaš, Robert - Ferenčík, Miroslav - Furukawa, Tetsishu - Gašperíková, Daniela - Gídrón, Yoram - Haluzík, Martin - Hanáček, Ján - Hatala, Róbert - Henzl, Milan R. - Hirano, Yuji - Hiroaka, Masayasu - Holomáňová, Dagmar - Holzerová, Johana - Hricák, Vasil' - Hubka, Peter - Hubková, Zuzana - Hulín, Ivan, ml. - Jackman, Warren - Jakubovský, Ján - Jedlička, Peter - Kawano, Seiko - Kiňová, Soňa - Klimeš, Iwar - Kráľ, Andrej - Kuba, Miroslav - Kubová, Zuzana - Kvetňanský, Richard - Langer, Pavel - Lazzara, Ralph - Longauer, Juraj - Lukáč, Jozef - Lupták, Ivan - Maasová, Dagmar - Mačáková, Jana - Macho, Ladislav - Mardiak, Jozef - Mareš, Jan - Margitfalvi, Peter - Matúšková, Jana - Mladosičová, Beata 3% - Mravec, Boris 3% - Murín, Ján - Nečas, Emanuel - Novák, Michal - Ostatníková, Daniela 0,3% - Pastorek, Jaromír - Pastoreková, Silvia - Pastoriková-Struhárová, Katarína - Patterson, Eugene - Paukovic, Ján - Paulis, Ľudovít - Pavelka, Pavel - Payer, Juraj - Pečeňák, Ján - Pechan, Juraj - Pont'uch, Peter - Rajčáni, Július - Rovenský, Jozef - Sakalová, Adriana - Sapáková, Elena - Schulz, Jan I. - Sherlag, Benjamin J. - Skalová-Luptáková, Katarína - Slavkovský, Peter - Staník, Juraj - Šimko, Fedor - Šimko, Juraj - Šimková, Iveta - Špánik, Stanislav - Štvrtinová, Viera - Štrbák, Vladimír - Šulková, Ivana - Tatár, Miloš - Turčáni, Marián - Turčáni, Peter - Uhliar, Rudolf - Ukropcová, Barbara - Vácha, J. - Vaškú, Anna - Veselý, Jaroslav - Vožeh, František - Yamanashi, William - Záhorec, Roman - Zlatoš, Ladislav - Žucha, Ivan : Patofyziológia : pre lekárov a študentov medicíny. - 7. preprac. a dopl. vyd. - Bratislava : SAP, 2009. - 1288 s.  
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ACB03 Mravec, Boris 100%: Stres a adaptácia. - 1. vyd. - Bratislava : SAP, 2011. - 332 s.

ISBN 978-80-8095-067-5

URL: <https://stella.uniba.sk/epc/LF/2011/vtls000250900.pdf>

ACB04 Holzerová, Johana 50% - Arendášová, Karina 1% - Bakošová, Magdaléna 1% - Bernadič, Marián 5% - Bernátová, Iveta 1% - Celec, Peter 3% - Gardlík, Roman 1% - Hodosy, Július 2% - Hulín, Ivan 5% - Lackovičová, Ľubica 1% - Mladosičová, Beata 5% - Mravec, Boris 5% - Ondičová, Katarína 2% - Pállová, Lívia 1% - Paulis, Ľudovít 2% - Sapáková, Elena 1% - Šebeková, Katarína 1% - Šimko, Fedor 5% - Poljak, Zuzana 1% - Izrael, Barbora 1% - Vrabcová, Michaela 1% - Zlatoš, Ladislav 5% : Modelovanie chorôb a chorobných stavov. - 2. aktual. a dopl. vyd. - Bratislava : Univerzita Komenského, 2012. - 205 s.  
ISBN 978-80-223-3202-6

### **ADC Vedecké práce v zahraničných karentovaných časopisoch**

ADC01 Bodnár, Ibolya - Mravec, Boris - Kubovčáková, Lucia - Tóth, E. B. - Fülöp, Ferenc - Fekete, Marton I. K. - Kvetňanský, Richard - Nagy, Gyorgy M. : Stress- as well as suckling-induced prolactin release in blocked by a structural analogue of the putative hypophysiotrophic prolactin-releasing factor, salsolinol

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In: Journal of Neuroendocrinology. - Vol. 16, no. 3 (2004), s. 208-213

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ADC02 Mravec, Boris - Bodnár, Ibolya - Fekete, Marton I. K. - Nagy, Gyorgy M. - Kvetňanský, Richard :  
Salsolinol, an antagonist of prolactoliberine, induces an increase in plasma catecholamine levels in the rat  
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[o1] 2012 Low, M.J.: Neural control of the intermediate lobe of the pituitary gland (Pars Intermedia) and proopiomelanocortin (Chapter). In: Handbook of Neuroendocrinology, 2012, s. [nn] - SCOPUS

ADE09 Kvetňanský, Richard - Petrák, J. - Mravec, Boris - Tillinger, Andrej - Juráni, Marián - Baranovská, M. - Hapala, Ivan - Frollo, Ivan : Effect of hypergravity on catecholamine levels in telemetrically collected blood of rats during centrifugation

Lit. 3 záz. n.

In: Journal of Gravitational Physiology. - Vol. 12 (2005), s. P167-P168

ADE10 Tillinger, Andrej - Mravec, Boris : Autonómny nervový systém srdca - funkčný význam intrakardiálnych neurónov

Lit. 56 záz. n.

In: Československá fyziologie. - Roč. 55, č. 2 (2006), s. 76-82

ADE11 Hulín, Ivan 50% - Ďuriš, Ivan 10% - Sapáková, Elena 10% - Paulis, Ľudovít 10% - Mravec, Boris 20% : Esenciálna hypertenzia ako syndróm alebo kompenzačný mechanizmus ?

Lit. 28 záz. n.

In: Časopis lékařů českých. - Roč. 147, č. 1 (2008), s. 14-24

ADE12 Kiss, Alexander 20% - Mravec, Boris 20% - Palkovits, Miklós 20% - Kvetňanský, Richard 40% : Stress-induced changes in tyrosine hydroxylase gene expression in rat hypothalamic paraventricular, and dorsomedial nuclei

Lit.: 50 záz. n.

In: Annals of the New York Academy of Sciences. - Vol. 1148, December (2008), s. 74-85

*Ohlasy (2):*

[o1] 2011 Aumann, T.D. - Egan, K. - Lim, J. - Boon, W.C. - Bye, C.R. - Chua, H.K. - Baban, N. - Parish, C.L. - Bobrovskaya, L. - Dickson, P. - Horne, M.K.: Journal of Neurochemistry, vol. 116, no. 4, 2011, s. 646-658 - SCI

[o1] 2011 Brooks, E. - Waters, E. - Farrington, L.-Canal, M.M.: Brain Structure & Function, vol. 216, no. 4, 2011, s. 357-370 - SCI

ADE13 Mravec, Boris 40% - Tillinger, Andrej 5% - Bodnár, Ibolya 10% - Nagy, Gyorgy M. 15% - Palkovits, Miklós 10% - Kvetňanský, Richard 20% : The response of plasma catecholamines in rats simultaneously exposed to immobilization and painful stimuli

Lit.: 14 záz. n.

In: Annals of the New York Academy of Sciences. - Vol. 1148, December (2008), s. 196-200

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[o1] 2012 Zhang, G. - Zhang, Y. - Ji, C. - McDonald, T. - Walton, J. - Groeber, E.A. - Steenwyk, R.C. - Lin, Z.: Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, vol. 895-896, 2012, s. 186-190 - SCI ; SCOPUS

[o1] 2012 Chen, Y. - Wang, Q. - Wang, F.F. - Gao, H.B. - Zhang, P.: Stress, vol. 15, no. 1, 2012, s. 74-84 - SCI ; SCOPUS



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- ADE14 Mravec, Boris 100%: Mozoček: štruktúra, funkcie a jeho úloha pri neuropsychiatrických ochoreniach = Cerebellum: structure, functions and its role in neuropsychiatric diseases  
Literatúra s. 26-27  
In: Psychiatrie. - Roč. 12, č. 1 (2008), s. 17-26
- ADE15 Petrák, Juraj 30% - Mravec, Boris 10% - Juráni, Marián 10% - Baranovská, Magda 10% - Tillinger, Andrej 5% - Hapala, Ivan 5% - Frollo, Ivan 10% - Kvetňanský, Richard 20%: Hypergravity-induced increase in plasma catecholamine and corticosterone levels in telemetrically collected blood of rats during centrifugation  
Lit.: 17 záz. n.  
In: Annals of the New York Academy of Sciences. - Vol. 1148, December (2008), s. 201-208  
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[o1] 2009 Ohta, H.: Folia Pharmacologica Japonica, vol. 137, no. 2, 2009, s. 73-77 - SCOPUS  
[o1] 2010 Van Geel, M.H.A. - Giannopapa, C.G. - Van Der Linden, B.J. - Krott, J.M.B.: American Society of Mechanical Engineers, Pressure Vessels and Piping Division (Publication) PVP, vol. 4, 2011, s. 109-115 - SCOPUS  
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- ADE16 Pimik, Zdeno 10% - Bundziková, Jana 5% - Bizik, Jozef 5% - Hulín, Ivan 10% - Kiss, Alexander 20% - Mravec, Boris 50%: Activity of brain stem groups of catecholaminergic cells in tumor-bearing rats  
Lit.: 21 záz. n.  
In: Annals of the New York Academy of Sciences. - Vol. 1148, December (2008), s. 141-147  
*Ohlasy (1):*  
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- ADE17 Poljak, Zuzana 40% - Kiňová, Soňa 10% - Danihel, Ľudovít 10% - Ďuriš, Ivan 10% - Markovičová, Dana 10% - Mravec, Boris 10% - Hulín, Ivan 10%: Komplexita interakcií nádorového procesu = The complexity of interactions of the tumor growth process  
Lit.: 156 záz. n.  
In: Vnitřní lékařství. - Roč. 55, č. 12 (2009), s. 1145-1158  
*Ohlasy (2):*  
[o1] 2012 Song, Y. - Zhang, G. - Zhu, X. - Pang, Z.J. - Xing, F.Q. - Quan, S.: Oncology Letters, vol. 4, no. 3, 2012, s. 419-422 - SCI ; SCOPUS  
[o1] 2012 Song, Y. - Zhang, G. - Pang, Z. - Zhu, X. - Yang, X. - Li, Y. - Quan, S. - Xing, F.: Medical Journal of Chinese People's Liberation Army, vol. 37, no. 7, 2012, s. 506-510 - SCOPUS
- ADE18 Ondičová, Katarína 25% - Pečeňák, Ján 25% - Mravec, Boris 50%: The role of the vagus nerve in depression  
Lit.: 63 záz. n.  
In: Neuroendocrinology Letters. - Vol. 31, No. 5 (2010), s. 602-608  
*Ohlasy (8):*  
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[o1] 2011 Mohr, P. - Rodriguez, M. - Slavičková, A. - Hanka, J.: Psychiatrie, vol. 15, no. 3, 2011, s. 130-139 - SCOPUS  
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- [o1] 2013 Gil, K. - Bugajski, A. - Kurnik, M. - Thor, P.: Neuroendocrinology Letters, vol. 34, no. 4, 2013, s. 314-321 - SCOPUS
- [o1] 2013 Zheng, Z. - Zheng, Y. - Wu, J.: International Journal of Neuroscience, vol. 123, no. 9, 2013, s. 599-608 - SCOPUS

ADE19 Mravec, Boris 100%: Zápalový reflex: úloha nervus vagus v regulácii imunitných funkcií = The inflammatory reflex: the role of the vagus nerve in regulation of immune functions  
Lit.: 95 záz. In: Československá fyziologie. - Roč. 60, č. 2 (2011), s. 57-69

ADE20 Mravec, Boris 100%: Úloha centrálného nervového systému v etiopatogenéze chorôb periférnych orgánov = The role of central nervous system in etiopathogenesis of peripheral organ diseases  
Lit.: 57 záz. In: Vnitřní lékařství. - Roč. 57, č. 10 (2011), s. 839-846

ADE21 Mravec, Boris - Tillinger, Andrej - Kvetňanský, Richard : Mechanisms of a decapitation-induced increase in the plasma catecholamine levels in rats  
Lit.: 19 záz. In: Neurophysiology. - Vol. 44, No. 3 (2012), s. 216-220

ADE22 Mravec, Boris 100%: The brain as a target for development of new class of drugs for the treatment of somatic diseases  
Lit.: 22 záz. In: Expert Opinion on Therapeutic Targets. - Vol. 16, No. 5 (2012), s. 433-437

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ADF01 Epp, L. M. - Mravec, Boris : Chronic polysystemic candidiasis as a possible contributor to onset of idiopathic Parkinson's disease  
In: Bratislavské lekárske listy. - Roč. 107, č. 6-7 (2006), s. 227-230  
URL: <http://www.bmj.sk/2006/107067-01.pdf>  
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ADF02 Kukanová, B. - Mravec, Boris : Complex intracardiac nervous system  
Lit. 70 záz. In: Bratislavské lekárske listy. - Roč. 107, č. 3 (2006), s. 45-51  
URL: <http://www.bmj.sk/2006/10703-01.pdf>  
*Ohlasy (4):*  
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[o1] 2010 Lovasova, K. - Kluchova, D. - Bolekova, A. - Dorko, F. - Spakovska, T.: European Journal of Histochemistry, vol. 54, no. 1, 2010, s. 25-29 - SCI ; SCOPUS  
[o1] 2011 Patil, J. - Stucki, S. - Nussberger, J. - Schaffner, T. - Gygax, S. - Bohlender, J. - Imboden, H.: Regulatory Peptides, vol. 167, no. 1, 2011, s. 31-41 - SCI ; SCOPUS

ADF03 Mravec, Boris - Hulín, Ivan : Does vagus nerve constitute a self-organization complexity or a "hidden network" ?

Lit. 73 zázň.

In: Bratislavské lekárske listy. - Roč. 107, č. 1-2 (2006), s. 3-8

URL: <http://www.bmj.sk/2006/10701-01.pdf>

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[o2] 2009 Mifkovič, A. - Škultéty, J. - Pindak, D. - Pechan, J.: Bratislavské Lekárske Listy, roč. 110, č. 9, 2009, s. 544-552 - SCI ; SCOPUS

[o1] 2013 Shen, X. - Scherlag, B.J. - He, B. - Sun, J. - Mei, G. - Po, S.S.: Journal of Atrial Fibrillation, vol. 6, no. 2, 2013, s. 33-40 - SCOPUS

ADF04 Matejčík, Viktor 25% - Šteňo, Juraj 25% - Haviarová, Zora 25% - Mravec, Boris 25%: Neurofibroma of the vagus nerve in the cervical portion

Lit.: 9 zázň.

In: Bratislavské lekárske listy. - Roč. 109, č. 10 (2008), s. 455-458

URL: <http://www.bmj.sk/2008/10910-07.pdf>

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[o3] 2010 Kobza, I. - Orel, Y. - Schur, O. - Jarka, A. - Rudyk, T. - Bilyk, O. - Lytvyn, A.:

[http://www.nbu.gov.ua/portal/chem\\_biol/Prmed/2010\\_3/Kobza.pdf](http://www.nbu.gov.ua/portal/chem_biol/Prmed/2010_3/Kobza.pdf), s. [1-8]

[o3] 2012 Zhang, Y. - Chu, H. - Xu, Y. - Choy, W.K. - David, W.M. - Wang, T.: Chinese Journal of Clinicians, vol. 6, no. 7, 2012, s. 1968-1969

ADF05 Mravec, Boris 30% - Lackovičová, Ľubica 10% - Pirnik, Zdenko 10% - Bizik, Jozef 10% - Bundziková, Jana 10% - Hulín, Ivan 10% - Kiss, Alexander 20%: Brain response to induced peripheral cancer development in rats: dual fos-tarosine hydroxylase and fos-oxytocin immunohistochemistry

Lit.: 44 zázň.

In: Endocrine Regulations. - Roč. 43, č. 1 (2009), s. 3-11

*Ohlasy (1):*

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ADF06 Hulín, Ivan 30% - Kiňová, Soňa 10% - Paulis, Ľudovít 10% - Slavkovský, Peter 10% - Ďuriš, Ivan 10% - Mravec, Boris 30%: Diastolic blood pressure as a major determinant of tissue perfusion: Potential clinical consequences

Lit.: 12 zázň.

In: Bratislavské lekárske listy. - Roč. 111, č. 1 (2010), s. 54-56

URL: <http://www.bmj.sk/2010/11101-11.pdf>

*Ohlasy (4):*

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[o1] 2011 Paunović, K. - Stansfeld, S. - Clark, C. - Belojević, G.: Environment International, vol. 37, no. 5, 2011, s. 1030-1041 - SCI ; SCOPUS

[o1] 2012 Wilson, C.G.: Fundamentals and Applications of Controlled Release Drug Delivery. Book Series: Advances in Delivery Science and Technology, 2012, s. 3-18 - SCI

[o1] 2013 Paunović, K. - Belojević, G. - Jakovljević, B.: Noise and Health, vol. 15, no. 65, 2013, s. 253-260 - SCOPUS

ADF07 Ondičová, Katarína 50% - Mravec, Boris 50%: Multilevel interactions between the sympathetic and parasympathetic nervous systems: a minireview

Lit.: 41 zázň.

In: Endocrine Regulations. - Roč. 44, č. 2 (2010), s. 69-75

*Ohlasy (13):*

[o1] 2011 Yakabi, K. - Noguchi, M. - Ohno, S. - Ro, S. - Onouchi, T. - Ochiai, M. - Takabayashi, H. - Takayama, K. - Harada, Y. - Sadakane, C. - Hattori, T.: American Journal of Physiology-Endocrinology and Metabolism, vol. 301, no. 1, 2011, s. E72-E82 - SCI ; SCOPUS

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[o1] 2013 Figueiredo, J. - Ferreira, A.E. - Silva, R.L. - Ulloa, L. - Grieco, P. - Cunha, T.M. - Ferreira, S.H. - Cunha, F.D. - Kanashiro, A.: Naunyn-Schmiedeberg's Archives of Pharmacology, vol. 386, no. 4, 2013, s. 311-318 - SCI

[o1] 2012 Szurszewski, J.H. - Linden, D.R.: Physiology of prevertebral sympathetic ganglia (Chapter). In: Physiology of the Gastrointestinal Tract, 2012, s. [nn] - SCOPUS

[o1] 2013 Connes, P. - Coates, T.D.: Comptes Rendus - Biologies, vol. 336, no. 3, 2013, s. 142-147 - SCOPUS

ADF08 Petrak, J. 20% - Bundziková, Jana 15% - Pirnik, Zdeno 15% - Mravec, Boris 15% - Kvetňanský, R. 15% - Kiss, Alexander 20%: Fos expression in tyrosine hydroxylase containing hypothalamic neurons in CRH-KO mice: effect of immobilization stress

Lit.: 60 zázň.

In: Endocrine Regulations. - Roč. 44, č. 3 (2010), s. 89-99

ADF09 Bundziková, Jana 30% - Pirnik, Zdeno 10% - Lackovičová, Lúbia 10% - Mravec, Boris 10% - Kiss, Alexander 40%: Brain-liver interactions during liver ischemia reperfusion injury: a minireview

Lit.: 73 zázň.

In: Endocrine Regulations. - Vol. 45, No. 3 (2011), s. 163-172

*Ohlasy (2):*

[o1] 2011 Weng, L.X. - Li, X.X. - Fu, X.B.: Journal of Clinical Rehabilitative Tissue Engineering Research, vol. 15, no. 50, 2011, s. 9397-9401 - SCOPUS

[o1] 2013 Sun, H. - Zhang, M.H. - Weng, L.X. - Sun, T.Z.: Chinese Journal of Tissue Engineering Research, vol. 17, no. 11, 2013, s. 1965-1971 - SCOPUS

ADF10 Mravec, Boris 100%: Role of catecholamine-induced activation of vagal afferent pathways in regulation of sympathoadrenal system activity: negative feedback loop of stress response

Lit.: 20 zázň.

In: Endocrine Regulations. - Roč. 45, č. 1 (2011), s. 37-41

*Ohlasy (6):*

[o1] 2012 Jung, Y.H. - Kang, D.H. - Byun, M.S. - Shim, G. - Kwon, S.J. - Jang, G.E. - Lee, U.S. - An, S.C. - Jang, J.H. - Kwon, J.S.: Stress, vol. 15, no. 1, 2012, s. 97-104 - SCI ; SCOPUS

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ADF11 Mravec, Boris 100%: Neurobiológia nádorových chorôb: od empirie k dôkazom = Neurobiology of cancer: from empirism to evidences

Lit.: 59 záz.

In: Onkológia. - Roč. 6, č. 5 (2011), s. 286-291

ADF12 Ondičová, Katarína - Kvetňanský, Richard - Mravec, Boris : Medial prefrontal cortex transection enhanced stress-induced activation of sympathoadrenal system in rats

Lit.: 31 záz.

In: Endocrine Regulations. - Vol. 46, No. 3 (2012), s. 129-136

*Ohlasy (1):*

[o1] 2013 Huang, Y. - Chen, S. - Xu, H. - Yu, X. - Lai, H. - Ho, G. - Huang, Q. - Shi, X.: BMC Neuroscience, vol. 17, art. no. 67, 2013, s. [nn] - SCOPUS

#### **ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS**

ADM01 Pivovarčiová, Anna - Mravec, Boris : Psychické poruchy a neurologické choroby: význam nervus vagus = Psychiatric disorders and neurological diseases: the role of the vagus nerve

Lit.: 99 záz.

In: Psychiatrie. - Roč. 17, č. 3 (2013), s. 129-140

URL:

<http://www.scopus.com/record/display.url?eid=2-s2.0-84885643601&origin=resultslist&sort=plf-f&src=s&imp=t&sid=998084205FB8BF5F282B7BD4E3474EA0.I0QkgbIjGqqLQ4Nw7dqZ4A%3a640&sot=br&sdt=a&sl=56&s=SOURCE-ID%2818703%29+AND+PUBYEAR+IS+2013+AND+NOT+DOCTYPE%28ip%29&relpos=5&relpos=5&citeCnt=0&searchTerm=SOURCE-ID%2818703%29+AND+PUBYEAR+IS+2013+AND+NOT+DOCTYPE%28ip%29>

#### **ADN Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS**

ADN01 Mikuška, Livia 30% - Vrabcová, Michaela 30% - Lackovičová, Ľubica 3% - Ukropec, Jozef 2% - Hegedüsová, Noémi 5% - Slavkovský, Peter 5% - Hubka, Peter 5% - Mravec, Boris 20%: Long-term liquid nutrition intake and development of obesity: Differences between young and adult rats

Lit.: 17 záz.

In: Endocrine Regulations. - Vol. 47, No. 2 (2013), s. 85-92

URL:

<http://www.scopus.com/record/display.url?eid=2-s2.0-84878387271&origin=resultslist&sort=plf-f&src=s&imp=t&sid=F3031DE2FF08DB6585243EFD89E689A6.fM4vPBipdL1BpirDq5Cw%3a220&sot=br&sdt=a&sl=56&s=SOURCE-ID%2826034%29+AND+PUBYEAR+IS+2013+AND+NOT+DOCTYPE%28ip%29&relpos=0&relpos=0&searchTerm=SOURCE-ID%2826034%29+AND+PUBYEAR+IS+2013+AND+NOT+DOCTYPE%28ip%29>

### **AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách**

- AED01 Babál, Pavel 6% - Beňová, Miroslava 6% - Čačányiová, S. 6% - Herichová, Iveta 6% - Janega, Pavol 6% - Monošíková, Jana 6% - Mravec, Boris 6% - Paulis, Ľudovít 6% - Pecháňová, Oľga 10% - Šimko, Fedor 6% - Stebelová, Katarína 6% - Styk, K. 6% - Török, J. 6% - Važan, Rastislav 6% - Zeman, Michal 6% - Zemančíková, Anna 6%: Biological clock in hypertension  
In: Nitric Oxide Signaling Pathways. - Vrútky : Odvent-Orion, 2007. - S. 167-179. - ISBN 978-80-8071-094-1  
Grant: VEGA 1/4279/07, UK 29/2007,
- AED02 Hulín, Ivan - Mravec, Boris - Siman, Jaroslav : Molekulové mechanizmy regulácií pri poranení, pri "chirurgickom" ochorení a pri invazívnom výkone  
In: Jaroslav Siman (Ed.) : Princípy chirurgie 1. - Bratislava : SAP, 2007. - S. 150-168. - ISBN 80-89104-94-0
- AED03 Monošíková, Jana 50% - Herichová, Iveta 30% - Mravec, Boris 10% - Zeman, Michal 10%: Altered clock gene expression in the brainstem of hypertensive TGR and normotensive rats  
Lit.: 8 záz. n.  
In: Nitric Oxide Signaling Pathways. - Bratislava : Advent-Orion, 2007. - S. 168-173. - ISBN 978-80-8071-094-1
- AED04 Mravec, Boris : Neuroendokrinná reakcia sprevádzajúca strach  
In: Jaroslav Siman (Ed.) : Princípy chirurgie 1. - Bratislava : SAP, 2007. - S. 51-54. - ISBN 80-89104-94-0
- AED05 Hulín, Ivan 40% - Šimková, Iveta 30% - Ďuriš, Ivan 20% - Mravec, Boris 10%: Fyziológia a patofyziológia pľúcnej cirkulácie  
In: Ed.: Viera Štvrtinová : Choroby ciev. - Bratislava : SAP, 2008. - S. 403-409. - ISBN 978-80-8095-025-5  
*Ohlasy (1)*:  
[o2] 2009 Kaldarárová, M.: Bratislavské lekárske listy, roč. 110, č. 9, 2009, s. 536-543 - SCI
- AED06 Ferenčík, Miroslav 40% - Mravec, Boris 30% - Hulín, Ivan 30%: Účasť zápalu v karcinogéneze  
In: M. Ferenčík a kol. : Zápal - fundamentálny princíp vzniku chorôb. - Bratislava : Balneotherma, 2009. - S. 263-279. - ISBN 978-80-970156-1-9
- AED07 Hulín, Ivan - Mravec, Boris - Ferenčík, Miroslav : Kmeňové bunky a regenerácia  
In: M. Ferenčík a kol. : Zápal - fundamentálny princíp vzniku chorôb. - Bratislava : Balneotherma, 2009. - S. 117-123. - ISBN 978-80-970156-1-9
- AED08 Mravec, Boris 30% - Ferenčík, Miroslav 35% - Hulín, Ivan 35%: Stres a zápal  
In: M. Ferenčík a kol. : Zápal - fundamentálny princíp vzniku chorôb. - Bratislava : Balneotherma, 2009. - S. 171-181. - ISBN 978-80-970156-1-9
- AED09 Hulín, Ivan - Mravec, Boris - Ferenčík, Miroslav : Regenerácia a kmeňové bunky  
In: Interná medicína. - Bratislava : ProLitera, 2013. - S. 36-40. - ISBN 978-80-970253-9-7

### **AEG Abstrakty vedeckých prác v zahraničných karentovaných časopisoch**

- AEG01 Herichová, Iveta - Mravec, Boris - Stebelová, Katarína - Kvetňanský, Richard - Zeman, Michal : Clock genes expression in brain structures involved in blood pressure regulation in hypertensive TGR[mRen27]27 rats  
In: Physiological Research. - Vol. 55, Issue 4 (2006), s. 21P  
[82. fyziologické dny. Praha, 7.-9.2.2006]  
*Ohlasy (1)*:  
[o1] 2008 Ferko, M. - Habodászová, D. - Waczulíková, I. - Mujkošová, J. - Kucharská, J. - Šikurová, L. - Ziegelhoffer, B. - Styk, J. - Ziegelhoffer, A.: Physiological Research/Academia Scientiarum Bohemoslovaca, Vol. 57, Suppl. 2, 2008, s.S67-S73 - SCI ; SCOPUS
- AEG02 Herichová, Iveta 20% - Monošíková, Jana 20% - Mravec, Boris 10% - Stebelová, Katarína 10% - Križanová, Oľga 10% - Kvetňanský, R. 10% - Zeman, Michal 20%: Renin-angiotensin system in some brain nuclei heart

and kidney in TGR(MREN-2)27 Rats

Lit.: 3 zázň.

In: Physiological Research. - Roč. 56, č. 3 (2007), s. 10P

[Proceeding of the Czech and Slovak Physiological Societies. Brno, 6.-8.2.2007]

AEG03 Ondičová, Katarína 20% - Lackovičová, Ľubica 20% - Poljak, Zuzana 10% - Siváková, Ivana 10% - Peržeľová, Anna 10% - Hulín, Ivan 10% - Gidron, Yori 10% - Mravec, Boris 10%: The effect of the autonomic nervous system on the survival of rats implanted with Yoshida ascites tumor cells

In: Acta Neurobiologiae Experimentalis. - Vol. 69, No. 3 (2009), s. 362

[9th International Congress Polish Neuroscience Society. Warsaw, 9.-12.9.2009]

#### **AFC Publikované príspevky na zahraničných vedeckých konferenciách**

AFC01 Herichová, Iveta 30% - Monošíková, Jana 20% - Mravec, Boris 10% - Stebelová, Katarína 10% - Križanová, Olga 5% - Kvetňanský, Richard 5% - Zeman, Michal 20%: Changed expression of AT1 receptors in brain of TGR(mREN-2)27 rats

Lit.: 9 zázň.

In: Biologically Active Peptides. Collection Symposium Series, Vol. 9. - Praha : Institute of Organic

Chemistry and Biochemistry, 2007. - S. 53-55. - ISBN 978-80-86241-28-9

[Biologically Active Peptides - 10th Conference. Praha, 11.-13.4.2007]

#### **AFD Publikované príspevky na domácich vedeckých konferenciách**

AFD01 Monošíková, Jana - Herichová, Iveta - Mravec, Boris - Zeman, Michal : Expresia hodinového génu per2 v mozgových štruktúrach zodpovedných za reguláciu tlaku krvi u TGR(mRen2)27 potkanov  
recenzované

Lit. 17 zázň.

In: Študentská vedecká konferencia 2006, 1. zväzok - biologická a environmentálna sekcia. - Bratislava :

Kartprint, 2006. - S. 110-112. - ISBN 80-88870-58-5

[Študentská vedecká konferencia 2006. Bratislava, 26.4.2006]

AFD02 Hubková, Zuzana 40% - Mravec, Boris 15% - Bernadič, Marián 15% - Hulín, Ivan 15% - Hubka, Peter 15% :  
Effect of the form of nutrition on gastrointestinal tract in juvenile and adult rats

In: Joint Meeting of the Slovak Physiological Society, the Physiological Society and the Federation of European Physiological Societies. - Bratislava : Medimod, 2007. - S. 25-29. - ISBN 978-88-7587-395-0

[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]

POZNÁMKA: Vyšlo aj - Acta Physiologica. - Vol. 191, Suppl. 658 (2007), s. 95. -

AFD03 Monošíková, Jana - Herichová, Iveta - Mravec, Boris - Zeman, Michal : Rozdielna génová expresia v senzorických cirkumventrikulárnych orgánoch u normotenzných a geneticky hypertenzných potkanov

Recenzovaný zborník

Lit.: 17 zázň.

In: Študentská vedecká konferencia 2007. 1. zväzok - biologická a environmentálna sekcia. - Bratislava :

Kartprint, 2007. - S. 163-165. - ISBN 978-80-88870-64-7

[Študentská vedecká konferencia 2007. Bratislava, 18.4.2007]

AFD04 Šoltéssová, Dorota 50% - Zeman, Michal 10% - Mravec, Boris 10% - Veselá, Anna 10% - Herichová, Iveta 20% : Denný profil expresie a responzivnosť génu npas2 vo frontálnom kortexe kontrolných a diabetických potkanov

Lit.: 22 zázň.

In: Študentská vedecká konferencia PriF UK 2012. Zborník recenzovaných príspevkov [elektronický zdroj]. -

Bratislava : Univerzita Komenského, 2012. - S. 645-649 [CD-ROM]. - ISBN 978-80-223-3213-2

[Študentská vedecká konferencia PriF UK 2012. Bratislava, 25.4.2012]

## AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií

- AFG01 Herichová, Iveta - Mravec, Boris - Stebelová, Katarína - Kvetňanský, R. - Zeman, Michal : Daily rhythms of Per2 and Dbp in brain structures related to blood pressure control in TGR[mRen27]27 rats  
In: 10. Congress of the EPBRS. - Frankfurt/Main : J. W. Goethe-University, 2005. - S. 98  
[10. Congress of the EPBRS. A Multidisciplinary Biological Rhythms Conference. Frankfurt/Main, 1.-5.9.2005]
- AFG02 Zeman, Michal - Stebelová, Katarína - Kvetňanský, R. - Jurkovičová, D. - Mravec, Boris - Križanová, Oľga - Herichová, Iveta : Alterations in circadian organization of transgenic [mRen 2] 27 rats  
In: 10. Congress of the EPBRS. - Frankfurt/Main : J. W. Goethe-University, 2005. - S. 99  
[10. Congress of the EPBRS. A Multidisciplinary Biological Rhythms Conference. Frankfurt/Main, 1.-5.9.2005]
- AFG03 Herichová, Iveta 40% - Monošíková, Jana 20% - Mravec, Boris 10% - Stebelová, Katarína 5% - Križanová, Oľga 5% - Kvetňanský, Richard 5% - Zeman, Michal 15% : Modulation of angiotensin II effects via changed expression of AT1 receptors in brain, heart and kidney in TGR(MREN-2)27  
In: Biologically Active Peptides 10. - Praha : ÚOCHB AVČR, 2007. - S. 34  
[Biologically Active Peptides - 10th Conference. Praha, 11.-13.4.2007]
- AFG04 Guller, Ladislav 18% - El Hassoun, Olia 15% - Kopáni, Martin 8% - Lackovičová, Ľubica 9% - Poljak, Zuzana 9% - Mravec, Boris 5% - Hulín, Ivan 5% - Beňuška, Jozef 5% - Kubíková, Eliška 10% - Šelmeciová, Petra 6% - Jakubovský, Ján 10% : Morphology of lymphoid patches in rats peritoneum  
In: Morphology 2009. - Plzeň : Univerzita Karlova, Lékařská fakulta, 2009. - S. 71. - ISBN 978-80-254-3882-4  
[Morphology 2009. 45th International Congress on Anatomy and 46th Lojda Symposium on Histochemistry. Plzeň, 7.-9.9.2009]
- AFG05 Lackovičová, Ľubica - Ondičová, Katarína - Poljak, Zuzana - Siváková, Ivana - Peržel'ová, Anna - Gidron, Yori - Hulín, Ivan - Kiss, Alexander - Mravec, Boris : The effect of subdiaphragmatic vagotomy and chemical sympathectomy on progression of Yoshida AH 130 ascitic cells in rats  
In: Acta Physiologica. - Vol. 197, Suppl. 675 (2009), s. 179  
[Joint Meeting of The Slovenia Physiological Society, The Austrian Physiological Society and The Federation of European Physiological Societies. Ljubljana, Slovenia, 12.11.2009-15.11.2009]  
POZNÁMKA: Vyšlo aj - FEPS 2009. - Ljubljana : [s.n.], 2009. - S. 210. -
- AFG06 Poljak, Zuzana - Vrabcová, Michaela - Markovičová, Dana - Lackovičová, Ľubica - Mravec, Boris - Bízík, J. - Peržel'ová, Anna - Siváková, Ivana - Danihel, Ľudovít - Kiňová, Soňa - Buckingham, Thomas A. - Hulín, Ivan : Incorporation of gene for green fluorescent protein into cancer cells as the first step in study of experimental tumor complexity  
Prezentácia aj posteru  
In: Analytical cytometry V International Congerence. - Olomouc : [s.n.], 2009. - S. 144-145. - ISBN 978-80-254-2561-5  
[Analytical cytometry V International Congerence. Olomouc, September 5-8, 2009]
- AFG07 Gvozdják'ová, Anna 50% - Mravec, Boris - Kucharská, Jarmila 30% - Lackovičová, Ľubica - Ondičová, Katarína - Mikulecký, Miroslav, st. - Tkačov, Martin - Singh, R. B. : Ubiquinol stimulates ubiquinone production in brain structures  
In: The Sixth Conference of the International Coenzyme Q10 Association. - Brussels : [s.n.], 2010. - S. 85-87  
[The Sixth Conference of the International Coenzyme Q10 Association. Brussels, 27.-30.5.2010]
- AFG08 Kvetňanský, Richard 30% - Boháčová, Viera 10% - Petrák, Juraj 10% - Lauková, Marcela 10% - Vargovič, Peter 10% - Ondičová, Katarína 10% - Mravec, Boris 20% : Sympathoadrenal system activity and genes expression in rats with paraventricular nucleus deafferentation after stress exposure  
In: Heart & Mind Psychogenic Cardiovascular Disease Conference. - Prato : [s.n.], 2010. - S. [1]



[Heart & Mind Psychogenic Cardiovascular Disease Conference. Prato, 1.-4.9.2010]

AFG09 Cihová, Marína - Altanerová, Veronika - Altaner, Čestmír - Ondičová, Katarína - Mravec, Boris : Human mesenchymal stem cells in prodrug gene therapy of rat glioblastoma

In: FEBS Advances Lecture Course on Translational Cancer Research. - Albufeira : [s.n.], 2011. - S. [1]

[FEBS Advances Lecture Course on Translational Cancer Research. Albufeira - Algarve, Portugal, 27.9.-4.10.2011]

AFG10 Ondičová, Katarína 60% - Mravec, Boris 20% - Kvetňanský, R. 20%: Úloha nucleus paraventricularis hypothalami a mediálnej prefrontálnej kôry v stresovej reakcii potkanov

In: Psychiatrie. - Roč. 15, Suppl. 1 (2011), s. 45

[53. česko-slovenská psychofarmakologická konferencia. Jeseník, 5.-9.1.2011]

AFG11 Cihová, Marína - Altanerová, Veronika - Altaner, Čestmír - Ondičová, Katarína - Mravec, Boris : Mesenchymal stromal cell-based suicide gene therapy of rat glioblastoma - preclinical study

In: Stem Cells in 21st Century : From Research to Modern Cell Therapy. - Brno : Nakl. MSD, 2012. - S. 4. - ISBN 978-80-7392-205-4

[Stem Cells in 21st Century : From Research to Modern Cell Therapy. Černá Hora, 14.11.2012]

AFG12 Ondičová, Katarína - Pečeňák, Ján - Mravec, Boris : Úloha nervus vagus v protizápalovom pôsobení antidepresíva fluoxetín u potkanov

In: Psychiatrie. - Roč. 17, Suppl. 1 (2013), s. 64-65

[Česko-slovenská psychofarmakologická konferencia. 55., Jeseník, 4.-8.1.2013]

#### **AFH Abstrakty príspevkov z domácich vedeckých konferencií**

AFH01 Herichová, Iveta - Mravec, Boris - Stebelová, Katarína - Jurkovičová, D. - Križanová, Oľga - Kvetňanský, R. - Zeman, Michal : Clock Genes Expression in the Heart and Rostral Ventro-Lateral Medulla in TGR[Mren2]27 Tats

In: Workshop on Cellular and Molecular Aspects of Cardiac Function. - Bratislava: SAV, 2006. - S. 11

[Workshop on Cellular and Molecular Aspects of Cardiac Function. Smolenice, 1.-3.3.2006]

AFH02 Monošíková, Jana - Herichová, Iveta - Mravec, Boris - Zeman, Michal : Denný rytmus exprese hodinových génov v mozgových štruktúrach regulujúcich tlak krvi u hypertenzných TGR[mRen2]27 potkanov

In: 4. ivanské dni mladých biológov. - Bratislava : SAV, 2006. - S. 12

[4. ivanské dni mladých biológov. Ivanka pri Dunaji, 14.6.2006]

AFH03 Zeman, Michal - Stebelová, Katarína - Mravec, Boris - Križanová, Oľga - Kvetňanský, Richard - Herichová, Iveta : Cirkadiálne rytmy niektorých hormónov a expresia hodinových génov u hypertenzných potkanov so zvýšenou aktivitou renín-angiotenzínového systému

In: Farmakológia 2006. - Bratislava : P. Mačura-PEEM, 2006. - S. 34. - ISBN 80-89197-52-3

[Farmakológia 2006. 56. farmakologické dni. Bratislava, 6.-8.9.2006]

AFH04 Herichová, Iveta - Monošíková, Jana - Mravec, Boris - Zeman, Michal : Analysis of circadian system pathways in TGR (mREM-2) 27 rats

In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), s. 78

[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]

AFH05 Jakubíková, L. - Petrák, J. - Ondková, S. - Macejová, D. - Mravec, Boris - Brtko, J. - Kvetňanský, R. - Kováč, P. - Štrbák, V. : Micro positron emission tomography as an imaging tool for monitoring of tumours and defined brain structures activity

In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), s. 82

[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]

- AFH06 Monošíková, Jana - Herichová, Iveta - Mravec, Boris - Zeman, Michal : Different clock gene expression in the area postrema in hypertensive TGR (mREN-27) rats  
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), s. 80  
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]
- AFH07 Mravec, Boris - Pirnik, Zdeno - Bundziková, J. - Bízik, J. - Hulín, Ivan - Kiss, A. : Changes in brainstem catecholaminergic neurons activity in tumour bearing rats  
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), s. 81  
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]
- AFH08 Zeman, Michal - Monošíková, Jana - Petrák, J. - Mravec, Boris - Križanová, Oľga - Kvetňanský, R. - Herichová, Iveta - Kováčiková, Zuzana : Clock genes and rhythmic function of the cardiovascular system in rats  
In: Acta Physiologica. - Vol. 191, Suppl. 658 (2007), s. 18  
[Joint Meeting of The Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies. Bratislava, 11.-14.9.2007]
- AFH09 Gvozdjáková, Anna 30% - Kucharská, Jarmila 20% - Vančová, Oľga 20% - Sumbalová, Zuzana 5% - Kvetňanský, Richard - Mravec, Boris - Singh, R. B. - Horecký, Jaromír : Bioavailability of liposomal coenzyme Q10 in brain nuclei and its effect on mitochondrial function in an animal model of Alzheimer's disease  
Recenzované  
In: Oxidative stress in diseases. - Bratislava : Mind and health, 2008. - S. 15. - ISBN 978-80-969919-7-6  
[Oxidative stress in diseases. International conference. Bratislava, 23.-25.4.2008]
- AFH10 Herichová, Iveta 50% - Szántóová, Kristína 20% - Stebelová, Katarína 10% - Mravec, Boris 10% - Zeman, Michal 10% : Vplyv dlhodobého podávania melatonínu na tlak krvi a expresiu hodinových génov v SCN a srdci u TGR(MREN-2)27 potkanov  
recenzované  
In: 84. Fyziologické dni. - Martin : Jesseniova lekárska fakulta Univerzity Komenského, 2008. - S. 32  
[84. Fyziologické dni. Martin, 6.-8.2.2008]
- AFH11 Ondičová, Katarína 40% - Mravec, Boris 30% - Kvetňanský, Richard 30% : Posterolaterálna deafferentácia nucleus paraventricularis a mediálneho prefrontálneho kortexu zvyšuje u potkanov vyplavovanie katecholamínov počas imobilizačného stresu  
In: Lekársky obzor. - Roč. 59, Supplementum (2010), s. 5  
[2. Slovenský neuropsychiatrický kongres. Piešťany, 22.-23.4.2010]
- AFH12 Bundziková, Jana 30% - Pirnik, Zdeno 15% - Lackovičová, Ľubica 10% - Mravec, Boris 15% - Kiss, Alexander 30% : Splenectomy: its effect on the stress related brain areas activated by liver ischemia-reperfusion injury  
In: Endocrine Regulations. - Vol. 45, No. 2 (2011), s. [1]  
[Tenth Symposium on Catecholamines and other Neurotransmitters in stress. Smolenice, 25.-30.6.2011]
- AFH13 Filipčík, Peter 20% - Novák, P. 10% - Mravec, Boris 10% - Sedláčková, Tatiana 10% - Ondičová, Katarína 10% - Krajčiová, G. 10% - Novák, M. 10% - Kvetňanský, Richard 20% : Stress modulates tau protein phosphorylation: effect in CRH deficient mice  
In: Endocrine Regulations. - Vol. 45, No. 2 (2011), s. [1]  
[Tenth Symposium on Catecholamines and other Neurotransmitters in stress. Smolenice, 25.-30.6.2011]
- AFH14 Lackovičová, Ľubica 35% - Janega, Pavol 10% - Bízik, J. 10% - Kiss, Alexander 10% - Mravec, Boris 35% : The sympathetic nervous system potentiates fibrosarcoma development in rats

In: Endocrine Regulations. - Vol. 45, No. 2 (2011), s. [1]  
[Tenth Symposium on Catecholamines and other Neurotransmitters in stress. Smolenice, 25.-30.6.2011]

AFH15 Mravec, Boris 50% - Ondičová, Katarína 50%: Depresia, zápal a úloha nervus vagus  
Lit.: 3 zázň.

In: Alkoholizmus a drogové závislosti (Protialkoholický obzor). - Roč. 2011, Supl. 1 (2011), s. 50  
[3. konferencia o biologickej psychiatrii. Piešťany, 16.-18.6.2011]

AFH16 Mravec, Boris 40% - Ondičová, Katarína 40% - Kvetňanský, Richard 20%: Paraventricular hypothalamic nucleus and prefrontal cortex deafferentation affects neuroendocrine stress response in rats

In: Endocrine Regulations. - Vol. 45, No. 2 (2011), s. [1]  
[Tenth Symposium on Catecholamines and other Neurotransmitters in stress. Smolenice, 25.-30.6.2011]

AFH17 Novák, M. 20% - Kvetňanský, Richard 20% - Novák, P. 20% - Mravec, Boris 20% - Filipčík, Peter 20%: Stress-induced changes in tau proteins and catecholamines in animal model of alzheimer's disease

In: Endocrine Regulations. - Vol. 45, No. 2 (2011), s. [1]  
[Tenth Symposium on Catecholamines and other Neurotransmitters in stress. Smolenice, 25.-30.6.2011]

AFH18 Ondičová, Katarína 50% - Mravec, Boris 50%: Subdiaphragmatic vagotomy exaggerates the catecholamine release induced by immobilization stress in rats

In: Endocrine Regulations. - Vol. 45, No. 2 (2011), s. [1]  
[Tenth Symposium on Catecholamines and other Neurotransmitters in stress. Smolenice, 25.-30.6.2011]

AFH19 Pállová, Lívia - Ukropec, Jozef - Mravec, Boris : Endocrine response to obesity induced chronic normocaloric palatable liquid nutrition intake in Wistar rats

In: Folia Medica Cassoviensia. - Roč. 67, č. 1, Suppl. 1 (2012), s. 37  
[ISMCK 2012 : International Student Medical Congress. 4th, Košice, 26.-29.6.2012]

AFH20 Vrabcová, Michaela - Pállová, Lívia - Mravec, Boris : The effect of chronic liquid nutrition intake on organs development and physiological parameters in rat

In: Folia Medica Cassoviensia. - Roč. 67, č. 1, Suppl. 1 (2012), s. 144  
[ISMCK 2012 : International Student Medical Congress. 4th, Košice, 26.-29.6.2012]

#### **AFK Postery zo zahraničných konferencií**

AFK01 Herichová, Iveta - Mravec, Boris - Križanová, Oľga - Stebelová, Katarína - Kvetňanský, R. - Zeman, Michal : Daily rhythms of clock genes and at1 expression in the suprachiasmatic nucleus, heart and kidney in hypertensive

In: Subcellular Mechanisms of Altered Muscle Function in Cardiovascular Diseases. - Debrecen : University of Debrecen, 2006. - S. 58  
[7th meeting New frontiers in basic cardiovascular research: Subcellular mechanisms of altered muscle function in cardiovascular diseases. Debrecen, 5.-8.10.2006]

#### **AFL Postery z domácich konferencií**

AFL01 Mravec, Boris - Lackovičová, Ľubica - Bundziková, Jana - Bízík, J. - Hulín, Ivan - Kiss, A. : Brain response to peripheral tumors in rats: the study of neurobiology of cancer  
Zdrojový dokument je v zborníku na CD ROME. - Recenzované

In: Vzdelávanie v eHealth [elektronický zdroj]. - Bratislava : Asklepios, 2010. - S. 219. - ISBN 978-80-7167-153-4  
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AFL02 Ondičová, Katarína - Lackovičová, Ľubica - Poljak, Zuzana - Siváková, Ivana - Peržel'ová, Anna - Hulín, Ivan - Gidron, Yori - Mravec, Boris : The effect of the autonomic nervous system on the survival of rats inoculated with Yoshida AH130cells

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In: Vzdelávanie v eHealth [elektronický zdroj]. - Bratislava : Asklepios, 2010. - S. 220. - ISBN 978-80-7167-153-4

[4. medzinárodná konferencia Vzdelávanie v eHealth. Bratislava, 23.-24.9.2010]

### **AGI Správy o vyriešených vedeckovýskumných úlohách**

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### **BCI Skriptá a učebné texty**

BCI01 Holzerová, Johana - Bakošová, Magdaléna - Bernadič, Marián 10% - Bernátová, Iveta - Celec, Peter 0,2% - Čamborová, Petra - Ďuriš, Ivan - Hubka, Peter - Hubková, Zuzana - Hulín, Ivan - Lackovičová, Ľubica - Lupták, Ivan - Luptáková, Katarína - Maasová, Dagmar - Matúšková, Jana - Mladosičová, Beata 4% - Mravec, Boris 10% - Ondičová, Katarína - Pecháňová, Oľga - Sapáková, Elena - Šimko, Fedor - Šulková, Ivana - Turčáni, Marián - Urban, Horst - Poljak, Zuzana - Vrabcová, Michaela - Zlatoš, Ladislav : Modelovanie chorôb a chorobných stavov. - 1. vyd. - Bratislava : Univerzita Komenského, 2009. - 184 s.  
ISBN 978-80-223-2607-0

*Ohlasy (1):*

[o6] 2009 Bernadičová, Helena: Praktická gynekológia, roč. 16, č. 2, 2009, s. 78-79

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ISBN 978-80-8095-079-8

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### **BDC Odborné práce v zahraničných karentovaných časopisoch**

BDC01 Mravec, Boris : Neurobiology of the stress response: contribution of the sympathetic nervous system to the neuroimmune axis in traumatic injury

Lit. 12 záz. n.

In: Shock. - Vol. 25, No. 3 (2006), s. 315

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### **BDF Odborné práce v ostatných domácich časopisoch**

BDF01 Mravec, Boris - Žucha, Ivan : Neuroendokrinné reakcie sprevádzajúce strach

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In: Psychiatria. - Roč. 13, č. 1-2 (2006), s. 6-14

BDF02 Bánovská, Lucia 20% - Lackovičová, Ľubica 20% - Mravec, Boris 60%: Nádorová kachexia z neurobiologického hľadiska: vplyv hypotalamického zápalu

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In: Monitor medicíny SLS. - Č. 1-2 (2013), s. 9-13

### **GHG Práce zverejnené spôsobom umožňujúcim hromadný prístup**

GHG01 Ondičová, Katarína 50% - Mravec, Boris 50%: Role of the vagus nerve at the neural-immune interface

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Popis urobený 19.10.2010

URL: [http://www.brainimmune.com/index.php?option=com\\_content&view=article&id=346:role-of-the-vagus-nerve-at-the-neural-immune-interface&catid=77:brain-immune-regulatory-pathways&Itemid=420](http://www.brainimmune.com/index.php?option=com_content&view=article&id=346:role-of-the-vagus-nerve-at-the-neural-immune-interface&catid=77:brain-immune-regulatory-pathways&Itemid=420)

### **GII Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií**

GII01 - Jurina, Michal - Turčáni, Peter - Babál, Pavel - Ostatníková, Daniela - Mravec, Boris : Bojovníci proti mŕtvici : rozhovor

In: Naša univerzita. - Roč. 59, č. 6 (2013), s. 14-16

## Štatistika publikačnej činnosti a ohlasov

doc. MUDr. Boris Mravec, PhD.

### Štatistika kategórií (Záznamov spolu: 146):

- AAB Vedecké monografie vydané v domácich vydavateľstvách (3)
- ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách (1)
- ABD Kapitoly vo vedeckých monografiách vydané v domácich vydavateľstvách (1)
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- ADC Vedecké práce v zahraničných karentovaných časopisoch (34)
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### Štatistika ohlasov (295):

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Bratislava, 26. 11. 2013