

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

### Vančová, Oľga

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

ABC01 Mojto, Viliam - Singh, Ram Bahadur - Gvozdjaková, Anna - Mojtoová, Mária - Kucharská, Jarmila - Jaglan, Poonam - Vančová, Oľga - Takahashi, Toru: Dietary sugar intake and risk of noncommunicable diseases. In: The role of functional food security in global health. - London : Academic Press, 2019. - S. 287-299 [1,00 AH]. - ISBN 978-0-12-813148-0

ABC02 Aliev, Gjumrakch - Ashraf, Ghulam Md - Horecký, Jaromír - Vančová, Oľga - Gvozdjaková, Anna - Kucharská, Jarmila - Palacios, Hector H. - Li, Yi - Perveen, Asma -Khan, Taqi Ahmed - Bragin, Valentin - Bragin, Ilya - Shevtsova, Elena - Klochkov, Sergey G. - Kosenko, Elena A. - Cacabelos, Ramon - Kaminsky, Yury G. - Sudakov, Konstantin V. - Benberin, Valery V. - Bachurin, Sergey: Potential preventive effects of coenzyme Q and creatine supplementation on brain energy metabolism in rats exposed to chronic cerebral hypoperfusion. In: Systems Biology of Free Radicals and Antioxidants, Vol. 3. - Berlin : Springer, 2014. - S. 2033-2048 [1,18 AH]. - ISBN 978-3-642-30017-2

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

ADC01 Uherek, Martin - Uličná, Oľga - Vančová, Oľga - Muchová, Jana - Ďuračková, Zdeňka - Šikurová, Libuša - Chorvát, Dušan: Alteration of time-resolved autofluorescence properties of rat aorta, induced by diabetes mellitus. In: Laser Physics. - Vol. 26, No. 10 (2016), Art. No. 105606, s. 1-6. - ISSN 1054-660X  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2016=1,328  
*Citations (1)*

ADC02 Dobiaš, Lukáš - Petrová, Miriam - Vojtko, Róbert - Uličná, Oľga - Vančová, Oľga - Kristová, Viera: Effect of sulodexide on vascular responses and liver mitochondrial function in diabetic rats. In: Physiological Research. - Vol. 64, Suppl. 4 (2015), s. S497-S505. - ISSN 0862-8408  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2015=1,618

ADC03 Ferko, Miroslav - Kancirová, Ivana - Jašová, Magdaléna - Waczulíková, Iveta - Čarnická, Slávka - Kucharská, Jarmila - Uličná, Oľga - Vančová, Oľga - Muráriková, Martina - Ravingerová, Tatiana - Ziegelhöffer, Attila: Participation of heart mitochondria in myocardial protection against ischemia/reperfusion injury: benefit effects of short-term adaptation processes. In: Physiological Research. - Vol. 64, Suppl. 5 (2015), s. S617-S625. - ISSN 0862-8408  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2015=1,618  
*Citations (2)*

ADC04 Tušková, Radka - Lipták, Boris - Szomolányi, Pavol - Vančová, Oľga - Uličná, Oľga - Sumbalová, Zuzana - Kucharská, Jarmila - Dubovický, Michal - Trattinig, Siegfried - Liptaj, Tibor - Kašparová, Svatava: Neuronal marker recovery after Simvastatin treatment in dementia in the rat brain: In vivo magnetic resonance study. In: Behavioural Brain Research. - Vol. 284 (2015), s. 257-264. - ISSN 0166-4328  
*Registered in:* wos, scopus  
*Journal indicator:* IF (JCR) 2015=3,002  
*Citations (4)*

ADC05 Uličná, Oľga - Vančová, Oľga - Waczulíková, Iveta - Božek, Peter - Šikurová, Libuša - Bada, Viliam - Kucharská, Jarmila: Liver mitochondrial respiratory function and coenzyme Q content in rats on a

hypercholesterolemic diet treated with Atorvastatin. In: *Physiological Research*. - Vol. 61, No. 2 (2012), s. 185-193. - ISSN 0862-8408

*Registered in:* scopus, wos

*Journal indicator:* IF (JCR) 2012=1,531

*Citations* (9)

ADC06 Vančová, Oľga - Bačiak, Ladislav - Kašparová, Svatava - Kucharská, Jarmila - Palacios, Hector H. - Horecký, Jaromír - Aliev, Gjumrakch: In vivo and in vitro assessment of brain bioenergetics in aging rats. In: *Journal of Cellular and Molecular Medicine*. - Vol. 14, No. 11 (2010), s. 2667-2674. - ISSN 1582-4934

*Journal indicator:* IF (JCR) 2010=4,608

*Citations* (11)

ADC07 Horecký, Jaromír - Bačiak, Ladislav - Kašparová, Svatava - Pacheco, G. - Aliev, G. - Vančová, Oľga: Minimally invasive surgical approach for three-vessel occlusion as a model of vascular dementia in the rat-brain bioenergetics assay. In: *Journal of the Neurological Sciences*. - Vol. 283, No. 1-2 (2009), s. 178-181. - ISSN 0022-510X

*Journal indicator:* IF (JCR) 2009=2,324

*Citations* (8)

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

ADD01 Gvozdjaková, Anna – Kucharská, Jarmila – Sumbalová, Zuzana – Nemeč, Michal – Chládeková, Anežka – Vančová, Oľga – Rausová, Zuzana – Kubalová, Mária – Kuzmiaková, Zuzana – Mojto, Viliam: Platelets mitochondrial function depends on CoQ10 concentration in winter, not in spring season. In: *General Physiology and Biophysics*. - Roč. 38, č. 4 (2019), s. 325-334. - ISSN (online) 1338-4325 ISSN (print) 0231-5882

*Registered in:* scopus, wos

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

ADD02 Uličná, Oľga – Vančová, Oľga – Kucharská, Jarmila – Janega, Pavol – Waczulíková, Iveta: Rooibos tea (*Aspalathus linearis*) ameliorates the CCl<sub>4</sub>-induced injury to mitochondrial respiratory function and energy production in rat liver. In: *General Physiology and Biophysics*. – Roč. 38, č. 1 (2019), s. 15-25

*Registered in:* scopus, wos

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

*Citations* (3)

ADD03 Mujkošová, Jana - Uličná, Oľga - Waczulíková, Iveta - Vlkovičová, Jana - Vančová, Oľga - Ferko, Miroslav - Polák, Štefan - Ziegelhöffer, Attila: Mitochondrial function in heart and kidney of spontaneously hypertensive rats: influence of captopril treatment. In: *General Physiology and Biophysics*. - Roč. 29, č. 2 (2010), s. 203-207. - ISSN 0231-5882

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2010=1,146

*Citations* (4)

ADD04 Országhová, Zuzana - Liptáková, Anna - Muchová, Jana - Uličná, Oľga - Vančová, Oľga - Kmeťová, Monika - Božek, Peter - Čársky, Jozef - Ďuračková, Zdeňka: Influence of pyridoxylidene aminoguanidine on biomarkers of the oxidative stress and selected metabolic parameters of rats with diabetes mellitus. In: *General Physiology and Biophysics*. - Roč. 28, č. 4 (2009), s. 347-355. - ISSN 0231-5882

*Registered in:* scopus

*Journal indicator:* IF (JCR) 2009=0,741

*Citations* (3)

### **ADE Scientific papers in other foreign journals**

- ADE01 Gvozdjaková, Anna – Kucharská, Jarmila – Kura, Branislav – Vančová, Oľga – Rausová, Zuzana – Sumbalová, Zuzana – Uličná, Oľga – Slezák, Ján: A new insight into the molecular hydrogen effect on coenzyme Q and mitochondrial function of rats. In: Canadian Journal of Physiology and Pharmacology. - Roč. 97 (2019), s. [1-5]. - ISSN (print) 0008-4212 ISSN (online) 1205-7541  
*Journal indicator: IF (JCR) 2018=2,041*
- ADE02 Gvozdjaková, Anna - Sumbalová, Zuzana - Kucharská, Jarmila - Chládeková, Anežka - Rausová, Zuzana - Vančová, Oľga - Kubalová, Mária - Kuzmiaková, Zuzana - Nemeč, Michal - Uličná, Oľga - Mojto, Viliam: Platelets mitochondrial function depends on coenzyme Q10 concentration in human young, not in elderly subjects. In: Journal of Nutritional Therapeutics [elektronický dokument]. - Roč. 7, č. 3 (2018), s. 67-76 [online]. - ISSN (online) 1929-5634
- ADE03 Horecký, Jaromír - Gvozdjaková, Anna - Kucharská, Jarmila - Obrenovich, Mark E. - Palacios, Hector H. - Li, Yi - Vančová, Oľga - Aliev, Gjumrakch: Effects of coenzyme Q and creatine supplementation on brain energy metabolism in rats exposed to chronic cerebral hypoperfusion. In: Current Alzheimer Research. - Vol. 8, No. 8 (2011), s. 868-875. - ISSN 1567-2050  
*Journal indicator: IF (JCR) 2011=3,953*  
*Citations (13)*
- ADE04 Horecký, J. - Aliev, G. - Gvozdjaková, Anna - Kucharská, Jarmila - Vančová, Oľga: Preventive and therapeutic coenzyme Q10 supplementation in rat subjected to cerebrovascular ischemia-reperfusion injury. In: Current Neurobiology. - Vol. 1, No. 1 (2010), s. 30-36. - ISSN 0975-9042
- ADE05 Labieniec, Magdalena - Uličná, Oľga - Vančová, Oľga - Kucharská, Jarmila - Gabryelak, Teresa - Watala, Cezary: Effect of poly(amido)amine (PAMAM) G4 dendrimer on heart and liver mitochondria in animal model of diabetes. In: Cell Biology International. - Vol. 34, No. 1 (2010), s. 89-97. - ISSN 1065-6995  
*Journal indicator: IF (JCR) 2010=1,800*  
*Citations (8)*

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

- ADF01 Uličná, Oľga - Vančová, Oľga - Mojto, Viliam: Čaj rooibos (*Aspalathus linearis*) - nefarmakologická možnosť ovplyvnenia oxidačného stresu = Rooibos tea (*Aspalathus linearis*) - nonpharmacological way to affect an oxidative stress. In: Interná medicína. - Roč. 16, č. 10 (2016), s. 420-424. - ISSN (print) 1335-8359
- ADF02 Gvozdjaková, Anna - Kucharská, Jarmila - Vančová, Oľga - Uličná, Oľga: Význam koenzýmu Q10 v zdraví a v chorobách = Importance of coenzyme Q10 in health and diseases. In: Interná medicína. - Roč. 15, č. 7-8 (2015), s. 332-335. - ISSN (print) 1335-8359
- ADF03 Gvozdjaková, Anna - Kucharská, Jarmila - Vančová, Oľga - Uličná, Oľga - Lambrechts, Peter - Mojto, Viliam: Koenzým Q10 - perspektívny metabolický biomarker pri liečbe statínmi. In: Monitor medicíny SLS. - Roč. 5, č. 3-4 (2015), s. 14-17. - ISSN (print) 1338-2551
- ADF04 Kucharská, Jarmila - Uličná, Oľga - Gvozdjaková, Anna - Vančová, Oľga - Waczulíková, Iveta - Božek, Peter - Bada, Viliam: Effects of atorvastatin on heart mitochondrial function and coenzyme Q content in the experiment. In: Bratislava medical journal. - Roč. 112, č. 11 (2011), s. 602-604. - ISSN (print) 0006-9248  
*Registered in: scopus, wos*  
*Journal indicator: IF (JCR) 2011=0,403*  
*Citations (4)*

### **ADM Scientific papers in foreign journals registered in Web of Science or SCOPUS databases**

ADM01 Gvozdjaková, Anna - Kucharská, Jarmila - Singh, Ram B. - Vančová, Oľga - Uličná, Oľga - Mojto, Viliam - Fedačko, Ján - Pella, Daniel - Verma, N. S. - Cornélissen, Germaine: Statin-induced mitochondrial dysfunction and targeting coenzyme Q10 therapy. In: World Heart Journal. - Vol. 8, No. 2 (2016), s. 171-182. - ISSN 1556-4002

*Registered in:* scopus

ADM02 Gvozdjaková, Anna - Kucharská, Jarmila - Vančová, Oľga - Uličná, Oľga - Mojto, Viliam - Singh, Ram B. - Cornélissen, Germaine: Mitochondrial coenzyme Q and oxidative phosphorylation in brain and myocardium of control and diabetic rats. In: World Heart Journal. - Vol. 7, No. 3 (2015), s. 119-129. - ISSN 1556-4002

*Registered in:* scopus

POZNÁMKA:

Vyšlo aj - Current Trends in Cardiovascular Research. - New York : Nova Science Publishers, 2016. - S. 225-236. - ISBN 978-1-63458-646-1. - (Cardiology Research and Clinical Developments)

ADM03 Kopál, Martin - Ondrejovičová, Iveta - Bystrická, Zuzana - Uličná, Oľga - Vančová, Oľga - Ďuračková, Zdeňka - Muchová, Jana: Effect of PUFA-rich plant oil on risk factors of STZ-induced diabetes in Wistar rats. In: Redox Report. - Vol. 19, No. 4 (2014), s. 161-169. - ISSN 1351-0002

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2014=1,522

### **ADN Scientific papers in domestic journals registered in Web of Science or SCOPUS databases**

ADN01 Gvozdjaková, Anna - Sumbalová, Zuzana - Kucharská, Jarmila - Chládeková, Anežka - Rausová, Zuzana - Vančová, Oľga - Komlósi, Mária - Uličná, Oľga - Mojto, Viliam: Platelet mitochondrial bioenergetic analysis in patients with nephropathies and non-communicable diseases: a new method. In: Bratislava medical journal. - Roč. 120, č. 9 (2019), s. 630-635. - ISSN (print) 0006-9248 ISSN (online) 1336-0345

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2018=0,859

ADN02 Mojto, Viliam - Gvozdjaková, Anna - Kucharská, Jarmila - Rausová, Zuzana - Vančová, Oľga - Valuch, Jozef: Effects of complete water fasting and regeneration diet on kidney function, oxidative stress and antioxidants. In: Bratislava medical journal. - Roč. 119, č. 2 (2018), s. 107-111. - ISSN (print) 0006-9248

*Registered in:* wos, scopus

*Journal indicator:* IF (JCR) 2017=0,678

ADN03 Vančová, Oľga - Uličná, Oľga - Kucharská, Jarmila - Ďuračková, Zdeňka - Muchová, Jana: Účinok rybieho a orechového oleja na bioenergetiku mitochondrií a na koncentrácie lipidov pri experimentálnom diabete = The effect of fish and nut oils on mitochondrial bioenergetics and lipid levels in experimental diabetes. In: Lekársky obzor. - Roč. 66, č. 1 (2017), s. 15-20. - ISSN (print) 0457-4214

*Registered in:* scopus

### **AEC Scientific papers in foreign reviewed almanacs, monographs**

AEC01 Aliev, Gjumrakch - Horecký, Jaromír - Vančová, Oľga - Ashraf, Ghulam Md - Hassan, Iftekhar - Bragin, Valentin - Bragin, Ilya - Shevtsova, Elena - Klochkov, Sergey G. - Kosenko, Elena A. - Cacabelos, Ramon - Bachurin, Sergey O. - Benberin, Valery V. - Kaminsky, Yury G.: The three-vessel occlusion as a model of vascular dementia - oxidative stress and mitochondrial failure as an indicator of brain hypoperfusion. In: Systems Biology of Free Radicals and Antioxidants, Vol. 3. - Berlin : Springer, 2014. - S. 2023-2032. - ISBN 978-3-642-30017-2

*Citations (1)*

AEC02 Horecký, J. - Bačiak, Ladislav - Kašparová, Svatava - Pacheco, G. - Aliev, G. - Vančová, Oľga: Three-vessel

occlusion: A surgical approach for vascular dementia in the rat with low invasiveness canuse design or technique. In: The Role of Oxidative Stress, Mitochondria Failure and Cellular Hypoperfusion in the Pathobiology of Alzheimer's Disease. - Kerala : Research Signpost, 2009. - S. 227-235. - ISBN 978-81-308-0367-8

#### **AED Scientific papers in domestic reviewed almanacs, monographs**

AED01 Gvozdjaková, Anna - Kucharská, Jarmila - Singh, Ram Bahadur - Mojto, Viliam - Vančová, Oľga - Cornélissen, Germaine: Mitochondriálna diabetológia. In: Mitochondriálna medicína a koenzým Q10. - Bratislava : Herba, 2017. - S. 101-106. - ISBN 978-80-89631-60-5

AED02 Horváthová, Martina - Ďuračková, Zdeňka - Uličná, Oľga - Vančová, Oľga - Muchová, Jana: Účinok rastlinného oleja na adipokíny u diabetických potkanov = Effect of plant oil on adipokines in diabetic rats. In: Čerpajme z minulosti, ktorá nás navedie na budúcnosť. - Bratislava : Proprint, 2015. - S. 135-140. - ISBN 978-80-89747-06-1

AED03 Horváthová, Martina - Ďuračková, Zdeňka - Uličná, Oľga - Vančová, Oľga - Muchová, Jana: Vplyv emulzie rybieho oleja na biochemické parametre diabetických potkanov = Effect of fish oil emulsion on biochemical parameters of diabetic rats. In: Čerpajme z minulosti, ktorá nás navedie na budúcnosť. - Bratislava : Proprint, 2015. - S. 141-147. - ISBN 978-80-89747-06-1

AED04 Muchová, Jana - Bystrická, Zuzana - Uličná, Oľga - Vančová, Oľga - Garaiová, Iveta - Ďuračková, Zdeňka: Diabetes mellitus - vplyv emulzie rybieho oleja na metabolizmus aminotioloľ = Diabetes mellitus - influence of fish oil emulsion to metabolism of aminothiols. In: Od anatómie po kliniku - od Vesalia po súčasnosť. - Bratislava : Proprint, 2014. - S. 159-163. - ISBN 978-80-89747-04-7