

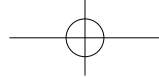
## Contents of Volume 60, 2017

### No. 1

- Protective Effects of Melatonin on the Activity of SOD, CAT, GSH-Px and GSH Content in Organs of Mice after Administration of SNP** 1-10  
Zofia Goc, Waldemar Szaroma, Edyta Kapusta, and Karol Dziubek
- Differences in Age of Peak Marathon Performance between Mountain and City Marathon Running - The 'Jungfrau Marathon' in Switzerland** 11-22  
Beat Knechtle, Pantelis Theodoros Nikolaidis, Matthias Alexander Zingg, Thomas Rosemann, and Christoph Alexander Rüst
- Regulation of Blood Glucose Level by Kainic Acid in Mice: Involvement of Glucocorticoid System and Non-NMDA Receptors** 23-31  
Chea-Ha Kim, Soo-Hyun Park, Yun-Beom Sim, Sung-Su Kim, Jun-Sub Jung, Naveen Sharma, and Hong-Won Suh
- Effect of Thymol on Ca<sup>2+</sup> Homeostasis and Viability in PC3 Human Prostate Cancer Cells** 32-40  
Jeng-Hsien Yeh, Chiang-Ting Chou, I-Shu Chen, Ti Lu, Ko-Long Lin, Chia-Cheng Yu, Wei-Zhe Liang, Hong-Tai Chang, Chun-Chi Kuo, Chin-Man Ho, Wen-Teng Chang, Pochuen Shieh, and Chung-Ren Jan
- Double Labeling of Vagal Preganglionic and Sympathetic Postganglionic Fibers in Celiac Ganglion, Superior Mesenteric Arteries and Myenteric Plexus** 41-53  
Shi-Jane Ting, Chih-Kuan Kao, and Feng-Bin Wang
- Ameliorative Potentials of Quercetin against Lead-Induced Hematological and Testicular Alterations in Albino Rats** 54-61  
Mohammed A. Al-Omair, Azza Sedky, Awatef Ali, and Hany Elsayy
- The Modulative Effects of Microcurrent Electrical Nerve Stimulation on Diabetic Mice** 62-72  
Wen-Ching Huang, Wen-Chieh Chang, Yi-Ju Hsu, Chun-Feng Huang, Chi-Chang Huang, Cheng-Yan Kao, and Che-Li Lin

### No. 2

- Discrimination of CD44 and Oct3/4 Expression in Pancreatic Adenocarcinoma from Benign Pancreatic Ducts in Small Biopsy Specimens** 81-88  
Ching-Chang Lee, Wu-Hsien Kuo, Chih-Kung Lin, Hong-Wei Gao, and Wen-Chiuan Tsai
- Attenuation of High Glucose-Induced Rat Cardiomyocyte Apoptosis by Exendin-4 via Intervention of HO-1/Nrf-2 and the PI3K/AKT Signaling Pathway** 89-96  
Shu-Mei Zhao, Hong-Li Gao, Yong-Liang Wang, Qing Xu, and Chun-Yan Guo
- Stimulatory Effect of Food Restriction on the Steroidogenesis of Aldosterone in Ovariectomized Rats** 97-105  
Mei-Mei Kau, Ching-Han Yu, Shioh-Chwen Tsai, Jiing-Rong Wang, and Paulus S. Wang
- Effects of Acute Administration of Adipokinetic Hormone on Depression, Anxiety, Pain, Locomotion and Memory in Mice** 106-113  
Oguz Mutlu, Guner Ulak, Furuzan Akar, Faruk Erden, Ipek Komsuoglu Celikyurt, Emine Bektas, Pelin Tanyeri, and Havva Kaya
- Effect of Protriptyline on [Ca<sup>2+</sup>]<sub>i</sub> and Viability in MDCK Renal Tubular Cells** 114-123  
He-Hsiung Cheng, Chiang-Ting Chou, Wei-Zhe Liang, Chun-Chi Kuo, Pochuen Shieh, Jue-Long Wang, and Chung-Ren Jan



- Higher DHEAS Levels Associated with Long-Term Practicing of Tai Chi** 124-130  
Hung-Min Lai, Mark Shui-Yu Liu, Ting-Ju Lin, Ying-Lan Tsai, and Eileen Jea Chien

## No. 3

- Performance Trends in Age Group Triathletes in the Olympic Distance Triathlon at the World Championships 2009-2014** 137-150  
Martin Wonerow, Christoph Alexander Rüst, Pantelis Theodoros Nikolaidis, Thomas Rosemann, and Beat Knechtle

- Comparative Induction of Controlled Hypotension by Electroacupuncture at DU20 Acupoint and Remifentanyl in Lumbar Laminectomy** 151-157  
Mehdi Ghaemi, Majid Ansari, and Kourosh Amini

- A Randomized, Double-Blind Clinical Study on Blood Pressure Reduction and Blood Lipid Profile Amelioration on Treatment with Ankascin 568** 158-165  
Chien-Li Chen, Jen-Ho Tseng, Tzu-Ming Pan, and Sheng-Huang Hsiao

- Activation of IGF-I Survival Signaling and Its Compensative Inhibition of the Cardiac Apoptosis on Carotid Arteries Balloon-Injured Rat Hearts** 166-173  
Cheng-Hong Hsieh, Peiying Pai, Jia-Ping Wu, Tsung-Jung Ho, Chieh-Hsi Wu, Marthandam Asokan Shibu, Cecilia Hsuan Day, Vijaya Padma Viswanadha, Ho-Lin Chuang, and Chih-Yang Huang

- Effect of Methoxsalen on Ca<sup>2+</sup> Homeostasis and Viability in Human Osteosarcoma Cells** 174-182  
Yi-Chau Lu, Chiang-Ting Chou, Wei-Zhe Liang, Chun-Chi Kuo, Shu-Shong Hsu, Jue-Long Wang, and Chung-Ren Jan

- A Study of the Modulating Action of Quercetin on Biochemical and Histological Alterations Induced by Lead Exposure in the Liver and Kidney of Rats** 183-190  
Ghena M. Mohammed, Azza Sedky, and Hany Elsayy

## No. 4

- Swimming Three Ice Miles within Fifteen Hours** 197-206  
Mirko Stjepanovic, Pantelis T. Nikolaidis, and Beat Knechtle

- Effects of B Vitamins Overload on Plasma Insulin Level and Hydrogen Peroxide Generation in Rats** 207-214  
Wuping Sun, Mingzhu Zhai, Qian Zhou, Chengrui Qian, and Changyu Jiang

- Na<sup>+</sup>/Ca<sup>2+</sup> Exchanger 2 (NCX2) in the Circadian Clock of the Rat Suprachiasmatic Nucleus: Colocalization with Neuropeptides and Daily Profiles of Gene Expression and Protein Levels** 215-225  
Pi-Cheng Cheng, Ya-Shuan Chen, and Rong-Chi Huang

- Stress as a Cause of Recurrent Aphthous Stomatitis and Its Correlation with Salivary Stress Markers** 226-230  
Kirthana Kunikullaya U., Arun Kumar M., Vasanthi Ananthkrishnan, and Goturu Jaisri

- Description of Three Female 24-h Ultra-Endurance Race Winners in Various Weather Conditions and Disciplines** 231-241  
Daniela Chlíbařková, Thomas Rosemann, Beat Knechtle, Pantelis T. Nikolaidis, Alena Žáková, and Karl Sudi

- Association of Activation of Induced COX-2, iNOS and Cytokines with NF-kappa B Depression by Taiwan Wild Grape Ethanol Extract in Mice** 242-252  
Ching-Wen Chang, Yi-Han Chen, Yu-Chin Lin, and Wen-Huang Peng

## No. 5

- Collagenase-Induced Rat Intra-Striatal Hemorrhage Mimicking Severe Human Intra-Striatal Hemorrhage** 259-266  
Li-Chuan Huang, Hock-Kean Liew, Hung-Yu Cheng, Hsiao-Fen Peng, Hui-I Yang, Jon-Son Kuo, Wen-Lin Hsu, and Cheng-Yoong Pang
- Inhibition of Curcumin on ZAK $\alpha$  Activity Resultant in Apoptosis and Anchorage-Independent Growth in Cancer Cells** 267-274  
Jin-Sun Lee, Tsu-Shing Wang, Ming Cheng Lin, Wei-Wen Lin, and Jaw-Ji Yang
- Effect of Carvacrol on Ca<sup>2+</sup> Movement and Viability in PC3 Human Prostate Cancer Cells** 275-283  
Chi-Ting Horng, Chiang-Ting Chou, Te-Kung Sun, Wei-Zhe Liang, Chun-Chi Kuo, Jue-Long Wang, Pochuen Shieh, and Chung-Ren Jan
- The Effects of Two Different Multivitamins on Aging Mice** 284-292  
Su-Xi Wu, Xiao-Miao Han, Xue-Wei Jiang, and Jun Tao
- Pacing Profiles in Age Group Cross-Country Skiers in the Vasaloppet 2012-2016** 293-300  
Pantelis T. Nikolaidis, and Beat Knechtle
- Effect of Intensive and Repetitive Heat Exposure on the Sudomotor Activity** 301-306  
Jeong Beom Lee, Hyung Seok Seo, and Young Oh Shin

## No. 6

- Circadian Patterns of Rats in Their Home Cages Detected Using a Video Tracking System** 313-319  
Kun-Ruey Shieh, Rong-Jie Chen, and Shu-Chuan Yang
- Serum Glutamine Levels as a Potential Diagnostic Biomarker in Sepsis following Surgery for Peritonitis** 320-326  
Chun-Ju Yang, Ting-Shuo Huang, Tung-Liang Lee, Kang-Chung Yang, Shin-Sheng Yuan, Ruey-Hwa Lu, Chung-Ho Hsieh, and Yu-Chiau Shyu
- Combined and Isolated Effects of Alcohol Intake and One Night of Sleep Deprivation on Mood States, Hormonal and Inflammatory Responses in Healthy Male Adults: a Crossover Randomized Controlled Trial** 327-337  
Rodrigo Rodrigues, Rodrigo de Azevedo Franke, Bruno Costa Teixeira, Rodrigo Cauduro de Oliveira Macedo, André Luiz Lopes, Álvaro Reischak-Oliveira, Bruno Manfredini Baroni, and Marco Aurélio Vaz
- The Mechanism of Mitochondria-Mediated Pathway in the Apoptosis of Platelets in Immune-Induced Bone Marrow Failure** 338-344  
Qin Zheng, Yiling Jiang, Aiping Zhang, Lele Cui, Lemin Xia, and Meihong Luo
- Infusion of Porcine-Derived Amniotic Fluid Stem Cells for Treatment of Experimental Colitis in Mice** 345-352  
Kun-Yi Lin, Shao-Yu Peng, Chih-Jen Chou, Heng-Sheng Lee, Leou-Chyr Lin, Ru-Yu Pan, and Shinn-Chih Wu
- Involvement of Endothelial Nitric Oxide Synthase Activation in Midkine-Mediated Central Hypotensive Effects** 353-362  
Ching-Huang Lin, Jun-Yen Pan, Jung-Jui Chang, Hsin-Hung Chen, Pei-Wen Cheng, and Ching-Jiunn Tseng