

- 1 OBITUARY – Professor Ullrich Trendelenburg, M.D., Ph.D  
*Heinz Bönisch, Edmund Przegaliński, Barbara Malinowska*
- 4 REVIEW – Hydrogen sulfide (H<sub>2</sub>S) – the third gas of interest for pharmacologists. *Ewelina Łowicka, Jerzy Beltowski*
- 25 REVIEW – Role of nuclear factor κB in the central nervous system. *Robert Matek, Kinga K. Borowicz, Małgorzata Jargiełło, Stanisław J. Czuczwar*
- 34 Does the presence of morphine counteract adaptive changes in expression of G-protein α subunits mRNA induced by chronic morphine treatment? *Irena Nalepa, Agnieszka Zelek-Molik, Adam Bielawski, Adam Roman, Jerzy Vetulani*
- 46 Influence of zinc supplementation on imipramine effect in a chronic unpredictable stress (CUS) model in rats. *Katarzyna Cieślik, Bożena Klenk-Majewska, Zofia Danilczuk, Andrzej Wróbel, Tomasz Łupina, Grażyna Ossowska*
- 53 Enhanced serotonergic neurotransmission in the hippocampus following tryptophan administration improves learning acquisition and memory consolidation in rats. *Saida Haider, Saima Khaliq, Darakhshan J. Haleem*
- 58 Effect of pamidronate on the action of catecholamines on blood pressure in the marrow cavity of long bones in rats with prednisolone-induced osteoporosis. *Ilona Kaczmarczyk-Sedlak, Joanna Folwarczna, Urszula Cegiela, Barbara Nowińska*
- 64 Pharmacological evaluation of bradykinin effect on human umbilical artery in normal, hypertensive and diabetic pregnancy. *Miroslav Radenković, Leposava Grbović, Nebojša Radunović, Paja Momčilov*
- 74 Epicutaneous immunization with myelin basic protein protects from the experimental autoimmune encephalomyelitis. *Monika Majewska, Katarzyna Zajac, Zbigniew Srebro, Piotr Sura, Lucyna Książek, Magdalena Zemelka, Marian Szczepanik*
- 80 Differential response of human healthy lymphoblastoid and CCRF-SB leukemia cells to sulforaphane and its two analogues: 2-oxohexyl isothiocyanate and alyssin. *Irena Misiewicz, Katarzyna Skupinska, Teresa Kasprzycka-Guttman*
- SHORT COMMUNICATIONS
- 88 Effect of MPEP in Morris water maze in adult and old rats. *Halina Car, Radosław Stefaniuk, Róża J. Wiśniewska*
- 94 Simvastatin-induced prevention of the increase in TNF-α level in the acute phase of ischemic stroke. *Anna Szczepańska-Szerej, Jacek Kurzepa, Joanna Wojczal, Zbigniew Stelmasiak*
- 98 Effects of endothelin-1 on prevention of microvascular endothelium injuries in hemorrhagic shock in rats. *Ilona Korzonek-Szlacheta, Bolesław Gwóźdź*
- 107 Impact of ABCB1 (MDR1) gene polymorphism and P-glycoprotein inhibitors on digoxin serum concentration in congestive heart failure patients. *Mateusz Kurzawski, Lilianna Bartnicka, Marcin Florczak, Wanda Górnik, Marek Drozdziak*
- 115 Abstracts of the Tenth Conference on PROGRESS IN ETIOPATHOGENESIS OF SEIZURES
- 126 Note to Contributors