The Journal of PHARMACOLOGY And Experimental Therapeutics
A Publication of the American Society for Pharmacology and Experimental Therapeutics

May 2022 Vol. 381, No. 2

Contents

MINIREVIEW
Therapeutic Approaches to Nociplastic Pain Based on Findings in the Reserpine-Induced Fibromyalgia-Like Animal Model
Yukinori Nagakura

Therapeutic Basis of Generic Substitution of Antiseizure Medications
Sarah Elmer and Doodipala Samba Reddy

CARDIOVASCULAR
High Salt Upregulates Ca\(^{2+}\)-Sensing Receptor Expression and Ca\(^{2+}\)-Induced Relaxation of Contracted Mesenteric Arteries from Dahl Salt-Sensitive Rats
Lakeesha E. Bridges, Cicely L. Williams, and Emmanuel M. Awumey

CELLULAR AND MOLECULAR
Insulin Enhances Gene Expression of Midnolin, a Novel Genetic Risk Factor for Parkinson’s Disease, via Extracellular Signal-Regulated Kinase, Phosphoinositide 3-Kinase and Multiple Transcription Factors in SH-SY5Y Cells
Naoki Sagehashi, Yutaro Obara, Ohki Maruyama, Tadashi Nakagawa, Toru Hosoi, and Kuniaki Ishii

Targeting Mitochondrial Large-Conductance Calcium-Activated Potassium Channel by Hydrogen Sulfide via Heme-Binding Site
Agnieszka Walewska, Adam Szewczyk, Milena Krajewska, and Piotr Koprowski

ML355 Modulates Platelet Activation and Prevents ABT-737 Induced Apoptosis in Platelets
Valentina Shpakova, Natalia Rakoyatkina, Nada Al Arawe, Anna Prilepskaya, Alexandra Kharazova, Iraida Sharina, Stepan Gunbaryan, and Emil Martin

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE
Pharmacological Profiling of Antifentanyl Monoclonal Antibodies in Combination with Naloxone in Pre- and Postexposure Models of Fentanyl Toxicity
Carly A. Baehr, Mariah M. Wu, Sujata G. Pandit, Jose Arias-Umana, David AuCoin, and Marco Pravetoni

GASTROINTESTINAL, HEPATIC, PULMONARY, AND RENAL
Resveratrol Attenuates High-Fat Diet–Induced Hepatic Lipotoxicity by Upregulating Bmi-1 Expression
Weigang Yuan, Mi Zhang, Chuxu Wang, Bin Li, Lei Li, Feng Ye, and Chuanrui Xu

Inhibition of Full Smooth Muscle Contraction in Isolated Human Detrusor Tissues by Mirabegron Is Limited to Off-Target Inhibition of Neurogenic Contractions
Ru Huang, Alexander Tamalunas, Raphaela Waidelich, Frank Strittmatter, Christian G. Stief, and Martin Hennenberg

INFLAMMATION, IMMUNOPHARMACOLOGY, AND ASTHMA
Pharmacokinetic/Pharmacodynamic Assessment of Selective Phosphodiesterase Inhibitors in a Mouse Model of Autoimmune Hepatitis
Artur Świerczek, Bartosz Pomierzy, Elżbieta Wyska, and William J. Jusko

NEUROPHARMACOLOGY
Efficacy of Vesicular Monoamine Transporter 2 Inhibition and Synergy with Antipsychotics in Animal Models of Schizophrenia
Samuel R. J. Hoare, Andrea E. Kudwa, Rosa Luo, and Dimitri E. Grigoriadis

Supplemental material is available at jpet.aspetjournals.org.

About the cover: Modeling the mechanisms of prevention of hepatic injury by phosphodiesterase inhibitors. See the article by Swierczek et al. (dx.doi.org/10.1124/jpet.121.001004).