HIGHLIGHTED PAPERS

PERSPECTIVES IN PHARMACOLOGY

Revisiting the Isobole and Related Quantitative Methods for Assessing Drug Synergism
Ronald J. Tallarida

Cigarette Smoking, Coffee Drinking, and Ingestion of Charcoal-Broiled Beef as Potential Modifiers of Drug Therapy and Confounders of Clinical Trials
A. H. Conney and M. M. Reidenberg

BEHAVIORAL PHARMACOLOGY

Effects of Alterations in Cannabinoid Signaling, Alone and in Combination with Morphine, on Pain-Elicited and Pain-Suppressed Behavior in Mice

Cocaine Dose and Self-Administration History, but Not Initial Cocaine Locomotor Responsiveness, Affects Sensitization to the Motivational Effects of Cocaine in Rats
Bruce H. Mandt, Emily Gomez, Nickie L. Johnston, Nancy R. Zahniser, and Richard M. Allen

CARDIOVASCULAR

Polyethylene Glycol-Modified Pigment Epithelial-Derived Factor: New Prospects for Treatment of Retinal Neovascularization
Yu-Jing Bai, Lv-Zhen Huang, Xiao-Lei Xu, Wei Du, Ai-Yi Zhou, Wen-Zhen Yu, and Xiao-Xin Li

CHEMOTHERAPY, ANTIBIOTICS, AND GENE THERAPY

Combining Doublecortin-Like Kinase Silencing and Vinca Alkaloids Results in a Synergistic Apoptotic Effect in Neuroblastoma Cells
Carla S. Verissimo, Sou Cheng, Jordi C. Puigvert, Yu Qin, Anne Vroon, Judith van Deutekom, Leo S. Price, Erik H. J. Danen, Bob van de Water, Carlos P. Fitzsimons, and Erno Vreugdenhil

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE

The β₂-Adrenoceptor Agonist Formoterol Stimulates Mitochondrial Biogenesis
Lauren P. Wills, Richard E. Trager, Gyda C. Beeson, Christopher C. Lindsey, Yuri K. Peterson, Craig C. Beeson, and Rick G. Schnellmann

The Novel Reversible Fatty Acid Amide Hydrolase Inhibitor ST4070 Increases Endocannabinoid Brain Levels and Counteracts Neuropathic Pain in Different Animal Models
Antonio Caprioli, Roberto Coccurello, Cinzia Rapino, Stefano Di Serio, Monia Di Tommaso, Mario Vertechy, Valentina Vacca, Natalia Battista, Flaminia Pavone, Mauro Maccarrone, and Franco Borsini

Arginine Attenuates Methylglyoxal- and High Glucose-Induced Endothelial Dysfunction and Oxidative Stress by an Endothelial Nitric-Oxide Synthase-Independent Mechanism
Indu Dhar, Arti Dhar, Lingyun Wu, and Kaushik Desai

Repeated Administration of a Mutant Cocaine Esterase: Effects on Plasma Cocaine Levels, Cocaine-Induced Cardiovascular Activity, and Immune Responses in Rhesus Monkeys
Unique O-Methoxyethyl Ribose-DNA Chimeric Oligonucleotide Induces an Atypical Melanoma Differentiation-Associated Gene 5-Dependent Induction of Type I Interferon Response


ERRATUM

Correction to “Synergistic Interaction between the Two Mechanisms of Action of Tapentadol in Analgesia”

NOTICE OF RETRACTION

NOTICE OF WITHDRAWAL

Supplemental material is available online at http://jpet.aspetjournals.org.

About the cover: Wound morphology upon linagliptin treatment. See the article by Schürmann et al. on page 71 of this issue.