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
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CHEMOTHERAPY, ANTIBIOTICS, AND GENE THERAPY

Combining Doublecortin-Like Kinase Silencing and Vinca Alkaloids Results in a Synergistic Apoptotic Effect in Neuroblastoma Cells
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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 Veretti, Valentina Vaccia, 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