HIGHLIGHTED PAPERS

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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 Vertechy, 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
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Repeated Administration of a Mutant Cocaine Esterase: Effects on Plasma Cocaine Levels, Cocaine-Induced Cardiovascular Activity, and Immune Responses in Rhesus Monkeys
MLR-1023 Is a Potent and Selective Allosteric Activator of Lyn Kinase In Vitro That Improves Glucose Tolerance In Vivo
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The Lyn Kinase Activator MLR-1023 Is a Novel Insulin Receptor Potentiator that Elicits a Rapid-Onset and Durable Improvement in Glucose Homeostasis in Animal Models of Type 2 Diabetes
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The Dipeptidyl Peptidase-4 Inhibitor Linagliptin Attenuates Inflammation and Accelerates Epithelialization in Wounds of Diabetic ob/ob Mice
Christoph Schürmann, Andreas Linke, Kerstin Engelmann-Pilger, Cornelia Steinmetz, Michael Mark, Josef Pfeilschifter, Thomas Klein, and Stefan Frank

Nonsteroidal Anti-Inflammatory Drug-Activated Gene-1 Plays a Role in the Impairing Effects of Cyclooxygenase Inhibitors on Gastric Ulcer Healing
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Effects of Ritobegron (KUC-7483), a Novel Selective β2-Adrenoceptor Agonist, on Bladder Function in Cynomolgus Monkey
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Carnosol and Carnosic Acids from Salvia officinalis Inhibit Microsomal Prostaglandin E2 Synthase-1
Julia Bauer, Susanne Kuehnl, Judith M. Rollinger, Olga Scherer, Hinnak Northoff, Hermann Stuppner, Oliver Werz, and Andreas Koeberle

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Kathrin Rothe, Hans Jürgen Solinski, Ingrid Boekhoff, Thomas Gudermann, and Andreas Breit

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Positive Allosteric Modulators Differentially Affect Full versus Partial Agonist Activation of the Glycine Receptor
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Pharmacology of JNJ-37822681, a Specific and Fast-Dissociating D2 Antagonist for the Treatment of Schizophrenia
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Ivan Lazcano, Rosa Maria Uribe, Erick Martínez-Chávez, Miguel Ángel Vargas, Magdalini Matzjari, Patricia Joseph-Bravo, and Jean-Louis Charli

Resveratrol Inhibits Paraquat-Induced Oxidative Stress and Fibrogenic Response by Activating the Nuclear Factor Erythroid 2-Related Factor 2 Pathway
Xiaoqing He, Liping Wang, Grazyna Szklarz, Yongyi Bi, and Qiang Ma
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.