HIGHLIGHTED PAPERS

BEHAVIORAL PHARMACOLOGY

Preclinical Pharmacology of AZD2327: A Highly Selective Agonist of the δ-Opioid Receptor

Discriminative Stimulus Effects of Tramadol in Humans
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CARDIOVASCULAR

Celecoxib and 2,5-Dimethyl-Celecoxib Prevent Cardiac Remodeling Inhibiting Akt-Mediated Signal Transduction in an Inherited Dilated Cardiomyopathy Mouse Model
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Thienopyridines, but Not Elinogrel, Result in Off-Target Effects at the Vessel Wall That Contribute to Bleeding
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Catalase and Superoxide Dismutase Conjugated with Platelet-Endothelial Cell Adhesion Molecule Antibody Distinctly Alleviate Abnormal Endothelial Permeability Caused by Exogenous Reactive Oxygen Species and Vascular Endothelial Growth Factor
Jingyan Han, Vladimir V. Shuvaev, and Vladimir R. Mazykantov

The Bulky N(6) Substituent of Cabergoline Is Responsible for Agonism of This Drug at 5-Hydroxytryptamine (5-HT)2A and 5-HT2B Receptors and Thus Is a Determinant of Valvular Heart Disease
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METABOLISM, TRANSPORT, AND PHARMACOGENOMICS

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NEUROPHARMACOLOGY

The Efficacy of Sodium Channel Blockers to Prevent Phencyclidine-Induced Cognitive Dysfunction in the Rat: Potential for Novel Treatments for Schizophrenia

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TOXICOLOGY

Cerium Oxide Nanoparticles Inhibits Oxidative Stress and Nuclear Factor-κB Activation in H9c2 Cardiomyocytes Exposed to Cigarette Smoke Extract

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Metabolism of [D\textsubscript{10}]Phenanthrene to Tetraols in Smokers for Potential Lung Cancer Susceptibility Assessment: Comparison of Oral and Inhalation Routes of Administration

Yan Zhong, Jing Wang, Steven G. Carmella, J. Bradley Hochalter, Diane Rauch, Andrew Oliver, Joni Jensen, Dorothy K. Hatsu, Premad Upadhyaya, Cheryl Zimmerman, and Stephen S. Hecht

ERRATA

Correction to “Systemic Activation of the Transient Receptor Potential Vanilloid Subtype 4 Channel Causes Endothelial Failure and Circulatory Collapse: Part 2”

Correction to “\(N-(1S)-1-\{4-((2S)-2-\{2,4-Dichlorophenyl)sulfonyl]amino\}-3-hydroxypropanoyl\}-1-piperazinyl\}carbonyl\}-3-methylbutyl\}1-benzothiophene-2-carboxamide (GSK1016790A), a Novel and Potent Transient Receptor Potential Vanilloid 4 Channel Agonist Induces Urinary Bladder Contraction and Hyperactivity: Part I”

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

About the cover: Amide backbone ribbon and space filling diagram of a human acetylcholinesterase subunit showing nonsynonymous and synonymous SNPs as yellow and blue side chains studied in relation to catalytic activity and general cardiovascular parameters. The active center serine side chain is white and the turquoise space filling residues are sites of glycosylation. Individual SNPs are mapped in Fig. 1 and three-dimensional structure is shown in Fig. 7 of Valle et al., on page 125 of this issue.