PDE3 and PDE4 Isozyme-Selective Inhibitors Are Both Required for Synergistic Activation of Brown Adipose Tissue

Stephen M. Kraynik, Robert S. Miyaoka, and Joseph A. Beavo

Repressive Epigenetic Changes at the mGlu2 Promoter in Frontal Cortex of 5-HT2A Knockout Mice


Nicotine-Induced Structural Plasticity in Mesencephalic Dopaminergic Neurons Is Mediated by Dopamine D3 Receptors and Akt-mTORC1 Signaling

Ginetta Collo, Federica Bono, Laura Cavallieri, Laura Plebani, Stefania Mitola, Emilio Merlo Pich, Mark J. Millan, Michele Zoli, Uwe Maskos, Pierfranco Spano, and Cristina Missale

Pregnane X Receptor Mediates Dyslipidemia Induced by the HIV Protease Inhibitor Amprenavir in Mice

Robert N. Helsley, Yipeng Sui, Ni Ai, Se-Hyung Park, William J. Welsh, and Changcheng Zhou

State-Dependent Etomidate Occupancy of Its Allosteric Agonist Sites Measured in a Cysteine-Substituted GABA<sub>A</sub> Receptor

Deirdre S. Stewart, Mayo Hotta, Rooma Desai, and Stuart A. Forman

Evidence That Cytochrome b<sub>5</sub> and Cytochrome b<sub>5</sub> Reductase Can Act as Sole Electron Donors to the Hepatic Cytochrome P450 System

Colin J. Henderson, Lesley A. McLaughlin, and C. Roland Wolf

Transport Function and Transcriptional Regulation of a Liver-Enriched Human Organic Anion Transporting Polypeptide 2B1 Transcriptional Start Site Variant

Michael J. Knauer, Anthea J. Girdwood, Richard B. Kim, and Rommel G. Tirona

Tumor Suppressor Protein p53 Negatively Regulates Human Pregnane X Receptor Activity

Ayesha Elias, Jing Wu, and Taosheng Chen

A Re-Evaluation of the Role of hCTR1, the Human High-Affinity Copper Transporter, in Platinum-Drug Entry into Human Cells

Kristin D. Ivy and Jack H. Kaplan

Inhibition of Platelet-Derived Growth Factor Receptor α by MEDI-575 Reduces Tumor Growth and Stromal Fibroblast Content in a Model of Non-Small Cell Lung Cancer

Naomi Laing, Brenda McDermott, Shenghua Wen, David Yang, Deborah Lawson, Mike Collins, Corinne Reimer, Peter A. Hall, Harriet Andersén, Michael Snaith, Xin Wang, Vahe Bedian, Zhu A. Cao, and David Blakey
Structure-Based Identification of OATP1B1/3 Inhibitors

Tom De Bruyn, Gerard J. P. van Westen, Adriaan P. IJzerman, Bruno Stieger, Peter de Witte, Patrick F. Augustijns, and Pieter P. Annaert

Therapeutic Cleavage of Anti-Aquaporin-4 Autoantibody in Neuromyelitis Optica by an IgG-Selective Proteinase

Lukmanee Tradtrantip, Nithi Asavapanumas, and A. S. Verkman

ERRATUM

Correction to “Design and In Vitro Pharmacology of a Selective γ-Aminobutyric AcidC Receptor Antagonist”

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

About the cover: p70S6K phosphorylation activated by nicotine challenge in mesencephalic THIR neurons is prevented by D3R antagonist SB-277011-A and PI3K inhibitor LY294002. See the article by Collo et al. on page 1176 of this issue.