ARTICLES

- 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
  Mitsumasa Kurita, José L. Moreno, Terrell Holloway, Alexey Kozlenkov, Giuseppe Mocci, Aintzane García-Bea, James B. Hanks, Rachael Neve, Eric J. Nestler, Scott J. Russo, and Javier González-Maeso

- Nicotine-Induced Structural Plasticity in Mesencephalic Dopaminergic Neurons Is Mediated by Dopamine D3 Receptors and Akt-mTORC1 Signaling
  Ginetta Collo, Federica Bono, Laura Cavalleri, 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 GABAA Receptor
  Deirdre S. Stewart, Mayo Hotta, Rooma Desai, and Stuart A. Forman

- Evidence That Cytochrome b5 and Cytochrome b5 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”

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.

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