ARTICLES

Different N-Terminal Motifs Determine Plasma Membrane Targeting of the Human Concentrative Nucleoside Transporter 3 in Polarized and Nonpolarized Cells
Ekaitz Errasti-Murugarren, F. Javier Casado, and Marçal Pastor-Anglada
795

Structure-Activity Relationships of GPR120 Agonists Based on a Docking Simulation
Qi Sun, Akira Hirasawa, TakaFumi Hara, Ikuo Kimura, Tetsuya Adachi, Takeo Awaji, Masaji Ishiguro, Takayoshi Suzuki, Naoki Miyata, and Gozoh Tsujimoto
804

Lyn Kinase-Dependent Regulation of miR181 and Myeloid Cell Leukemia-1 Expression: Implications for Drug Resistance in Myelogenous Leukemia
Eric I. Zimmerman, Claudia M. Dollins, Melissa Crawford, Steven Grant, Serge P. Nana-Sinkam, Kristy L. Richards, Scott M. Hammond, and Lee M. Graves
811

Constitutive Activity of Serotonin2C Receptors at G Protein-Independent Signaling: Modulation by RNA Editing and Antidepressants
Marilyne Labasque, Julie Meffre, Gælle Carrat, Carine Becamel, Joël Bockaert, and Philippe Marin
818

Auraptene Is an Inhibitor of Cholesterol Esterification and a Modulator of Estrogen Receptors
Philippe de Medina, Salvatore Genovese, Michael R. Paillasse, Mahta Mazaheri, Stephanie Caze-Subra, Kerstin Bystricky, Massimo Curini, Sandrine Silvente-Poirot, Francesco Epifano, and Marc Poirot
827

The µ-Opioid Receptor Variant N190K Is Unresponsive to Peptide Agonists yet Can be Rescued by Small-Molecule Drugs
Jean-Philippe Fortin, Lei Ci, Jonathan Schroeder, Carsem Goldstein, Maria Claudia Montefusco, Inga Peter, Steven E. Reis, Gordon S. Huggins, Martin Beinborn and Alan S. Kopin
837

Molecular Pharmacology (ISSN 0026-895X) is published monthly (two volumes per year beginning in January and July) by the American Society for Pharmacology and Experimental Therapeutics, 9650 Rockville Pike, Bethesda, MD 20814-3995; e-mail: subscriptions@aspet.org; Web site: aspet.org. Periodicals postage paid at Bethesda, MD, and at additional mailing offices. POSTMASTER: Send address changes to Molecular Pharmacology, 9650 Rockville Pike, Bethesda, MD 20814-3995. Subscription rates: U.S.: $707.00; outside the U.S.: $799.00. Single copy: $63.00. GST Tax Number for Canadian subscribers: BN:13489 2330 RT. Indexed or abstracted by Biochemistry & Biophysics Citation Index®, Biological Abstracts, Current Awareness in Biological Sciences, Current Contents®/Life Sciences, EMBASE/Excerpta Medica, Index Medicus, Medical Documentation Service®, Reference Update®, Research Alert®, Science Citation Index®, and SciSearch®. Copyright © 2010 by the American Society for Pharmacology and Experimental Therapeutics. All rights reserved. Printed in the U.S.A.
Pharmacological Targeting of Constitutively Active Truncated Androgen Receptor by Nigericin and Suppression of Hormone-Refractory Prostate Cancer Cell Growth
Tetsuo Mashima, Sachiko Okabe, and Hiroyuki Seimiya

Amurensin G, a Potent Natural SIRT1 Inhibitor, Rescues Doxorubicin Responsiveness via Down-Regulation of Multidrug Resistance 1
Won Keun Oh, Kyoun Bin Cho, Tran Thi Hien, Tae Hyung Kim, Hyung Sik Kim, Trong Tuan Dao, Hyo-Kyung Han, Seong-Min Kwon, Sang-Gun Ahn, Jung-Hoon Yoon, Tae Hyun Kim, Yoon Gyoong Kim, and Keon Wook Kang

Thapsigargin Induces Expression of Activating Transcription Factor 3 in Human Keratinocytes Involving Ca^{2+} Ions and c-Jun N-Terminal Protein Kinase
Daniel Spohn, Oliver G. Rössler, Stephan E. Philipp, Michael Raubuch, Shigetaka Kitajima, Désirée Griesemer, Markus Hoth, and Gerald Thiel

A Nonthiazolidinedione Peroxisome Proliferator-Activated Receptor α/γ Dual Agonist CG301360 Alleviates Insulin Resistance and Lipid Dysregulation in db/db Mice

Regulation of CYP2C19 Expression by Estrogen Receptor α: Implications for Estrogen-Dependent Inhibition of Drug Metabolism
Jessica Mwinyi, Isa Cavaco, Rasmus Steen Pedersen, Anna Persson, Sabrina Burkhardt, Souren Mkrtchian, and Magnus Ingelman-Sundberg

Monepantel Allosterically Activates DEG-3/DES-2 Channels of the Gastrointestinal Nematode Haemonchus contortus
Lucien Rufener, Roland Baur, Ronald Kaminsky, Pascal Máser, and Erwin Sigel

Microtubule-Targeted Chemotherapeutic Agents Inhibit Signal Transducer and Activator of Transcription 3 (STAT3) Signaling
Sarah R. Walker, Mousumi Chaudhury, Erik A. Nelson, and David A. Frank

Poly(ADP-Ribose) Polymerase 1 Modulates the Lethality of CHK1 Inhibitors in Carcinoma Cells
Clint Mitchell, Margaret Park, Patrick Eulitt, Chen Yang, Adly Yacoub, and Paul Dent

Alcohol- and Alcohol Antagonist-Sensitive Human GABA_{A} Receptors: Tracking δ Subunit Incorporation into Functional Receptors
Pratap Meera, Richard W. Olsen, Thomas S. Otis, and Martin Wallner

The Tetrahydroisoquinoline Derivative SB269,652 Is an Allosteric Antagonist at Dopamine D_{3} and D_{2} Receptors
Elena Silvano, Mark J. Millan, Clotilde Mannoury la Cour, Yang Han, Lihua Duan, Suzy A. Griffin, Robert R. Luedtke, Gabriella Aloisi, Mario Rossi, Francesca Zazzeroni, Jonathan A. Javitch, and Roberto Maggio
Morphine Regulates Dopaminergic Neuron Differentiation via miR-133b
Fatima Macho Sanchez-Simon, Xiao Xiao Zhang, Horace H. Loh, Ping-Yee Law, and Raquel E. Rodriguez 935

Nijmegen Breakage Syndrome Protein (NBN) Causes Resistance to Methylating Anticancer Drugs Such as Temozolomide
Marcus Eich, Wynand P. Roos, Grigory L. Dianov, Martin Digweed, and Bernd Kaina 943

Inhibition of Large-Conductance Ca$^{2+}$-Activated K$^+$ Channels by Nanomolar Concentrations of Ag$^+$
Yu Zhou, Xiaoming Xia, and Christopher J. Lingle 952

Discovery of Novel Forkhead Box O1 Inhibitors for Treating Type 2 Diabetes: Improvement of Fasting Glycemia in Diabetic db/db Mice
Takeyuki Nagashima, Nobuharu Shigematsu, Riyo Maruki, Yasuharu Urano, Hirotsugu Tanaka, Akiyoshi Shimaya, Teruhiko Shimokawa, and Masayuki Shibasaki 961

$\alpha_6\beta_2^*$ and $\alpha_4\beta_2^*$ Nicotinic Receptors Both Regulate Dopamine Signaling with Increased Nigrostriatal Damage: Relevance to Parkinson’s Disease
Xiomara A. Perez, Tanuja Bordia, J. Michael McIntosh, and Maryka Quik 971

Correction to “Resveratrol Protects Dopamine Neurons against Lipopolysaccharide-Induced Neurotoxicity through Its Anti-Inflammatory Actions” 981

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

About the cover: GPR120 homology model docked with $\alpha$-LA, NCG21, and $\alpha$-LA methyl ester. See article by Sun et al. on page 804 of this issue.