MINIREVIEWS

New Insights into the Not-So-New NR3 Subunits of N-Methyl-d-aspartate Receptor: Localization, Structure, and Function
Chian-Ming Low and Karen Siaw-Ling Wee

Heterotrimeric G Protein Signaling Outside the Realm of Seven Transmembrane Domain Receptors
Caroline Marty and Richard D. Ye

ACCELERATED COMMUNICATION

Inhibition of Human T-Cell Proliferation by Mammalian Target of Rapamycin (mTOR) Antagonists Requires Noncoding RNA Growth-Arrest-Specific Transcript 5 (GAS5)
Mirna Mourtada-Maarabouni, Anwar M. Hasan, Farzin Farzaneh, and Gwyn T. Williams

ARTICLES

Photochemical Proteolysis of an Unstructured Linker of the GABAAR Extracellular Domain Prevents GABA but Not Pentobarbital Activation
Ariele P. Hanek, Henry A. Lester, and Dennis A. Dougherty

Pravastatin Attenuates Carboplatin-Induced Nephrotoxicity in Rodents via Peroxisome Proliferator-Activated Receptor α-Regulated Heme Oxygenase-1
Hsi-Hsien Chen, Tzen-Wen Chen, and Heng Lin

Organ-Specific Roles of CYP1A1 during Detoxication of Dietary Benzo[a]pyrene
Zhanquan Shi, Nadine Dragin, Marina Gálvez-Peralta, Lucia F. Jorge-Nebert, Marian L. Miller, Bin Wang, and Daniel W. Nebert

Up-Regulation of the μ-Opioid Receptor Gene Is Mediated through Chromatin Remodeling and Transcriptional Factors in Differentiated Neuronal Cells
Cheol Kyu Hwang, Chun Sung Kim, Do Kyung Kim, Ping-Yee Law, Li-Na Wei, and Horace H. Loh

Identification of RanBP 9/10 as Interacting Partners for Protein Kinase C (PKC) γ/δ and the D1 Dopamine Receptor: Regulation of PKC-Mediated Receptor Phosphorylation
Elizabeth B. Rex, Michele L. Rankin, Yu Yang, Quansheng Lu, Charles R. Gerfen, Pedro A. Jose, and David R. Sibley
Mapping the Binding Pocket of Dual Antagonist Almorexant to Human Orexin 1 and Orexin 2 Receptors: Comparison with the Selective OX₁ Antagonist SB-674042 and the Selective OX₂ Antagonist N-Ethyl-2-[(6-methoxy-pyridin-3-yl)-(toluene-2-sulfonyl)-amino]-N-pyridin-3-ylmethyl-acetamide (EMPA)

Pari Malherbe, Olivier Roche, Anne Marcuz, Claudia Kratzeisen, Joseph G. Wettstein, and Caterina Bissantz

Orthosteric and Allosteric Modes of Interaction of Novel Selective Agonists of the M₁ Muscarinic Acetylcholine Receptor

Vimesh A. Avlani, Christopher J. Langmead, Elizabeth Guida, Martyn D. Wood, Ben G. Tehan, Hugh J. Herdon, Jeannette M. Watson, Patrick M. Sexton, and Arthur Christopoulos

Role of Phospholipase D2/Phosphatidic Acid Signal Transduction in μ- and δ-Opioid Receptor Endocytosis

Liquan Yang, Anja Seifert, Daifei Wu, Xiaqian Wang, Vladan Rankovic, Helmut Schröder, Lars O. Brandenburg, Volker Höllt, and Thomas Koch

Autophagy Induction by Capsaicin in Malignant Human Breast Cells Is Modulated by p38 and Extracellular Signal-Regulated Mitogen-Activated Protein Kinases and Retards Cell Death by Suppressing Endoplasmic Reticulum Stress-Mediated Apoptosis

Cheol-Hee Choi, Yong-Keun Jung, and Seon-Hee Oh

Bradykinin B₂ Receptor Interacts with Integrin α₅β₁ to Transactivate Epidermal Growth Factor Receptor in Kidney Cells

Inga I. Kramarenko, Marlene A. Bunni, John R. Raymond, and Maria N. Garnovskaya

Bezafibrate Induces Plasminogen Activator Inhibitor-1 Gene Expression in a CLOCK-Dependent Circadian Manner

Katsutaka Oishi, Satoru Koyanagi, Naoya Matsunaga, Koji Kadota, Eriko Ikeda, Satoru Hayashida, Yukako Karamoto, Hiroshi Shimeno, Shinji Soeda, and Shigehiro Ohdo

The Farnesyltransferase Inhibitor LB42708 Suppresses Vascular Endothelial Growth Factor-Induced Angiogenesis by Inhibiting Ras-dependent Mitogen-Activated Protein Kinase and Phosphatidylinositol 3-Kinase/Akt Signal Pathways

Chun-Ki Kim, Yoon Kyung Choi, Hansoo Lee, Kwon-Soo Ha, Moo-Ho Won, Young-Guen Kwon, and Young-Myeong Kim

Molecular Mechanisms of Amphetamine Actions in Caenorhabditis elegans

Lucia Carvelli, Dawn S. Matthies, and Aurelio Galli

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