MINIREVIEWS

NADPH Oxidases as Novel Pharmacologic Targets against Influenza A Virus Infection
Ross Vlahos and Stavros Selemidis

Location-Dependent Signaling of the Group 1 Metabotropic Glutamate Receptor mGlu5

ARTICLES

Berberine Reverses Epithelial-to-Mesenchymal Transition and Inhibits Metastasis and Tumor-Induced Angiogenesis in Human Cervical Cancer Cells
Shu-Chen Chu, Cheng-Chia Yu, Li-Sung Hsu, Kuo-Shuen Chen, Mei-Yu Su, and Pei-Ni Chen

The WNT/β-Catenin Pathway Is a Transcriptional Regulator of CYP2E1, CYP1A2, and Aryl Hydrocarbon Receptor Gene Expression in Primary Human Hepatocytes
Sabine Gerbal-Chaloin, Anne-Sophie Dumé, Philippe Brioletti, Sylvie Klieber, Edith Raulet, Cédric Duret, Jean-Michel Fabre, Jeanne Ramos, Patrick Maurel, and Martine Daujac-Chavanier

Glycine and GABAA Ultra-Sensitive Ethanol Receptors as Novel Tools for Alcohol and Brain Research
Anna Naito, Karan H. Muchhala, Liana Asatryan, James R. Trudell, Gregg E. Homanics, Daya I. Perkins, Daryl L. Davies, and Ronald L. Alkana

γ-Aminobutyric Acid Type A α4, β2, and δ Subunits Assemble to Produce More Than One Functionally Distinct Receptor Type
Megan M. Eaton, John Bracamontes, Hong-Jin Shu, Ping Li, Steven Mennerick, Joe Henry Steinbach, and Gustav Akk

Investigating Substrate-Induced Motion between the Scaffold and Transport Domains in the Glutamate Transporter EAAT1
Xiuliang Rong, Elia Zomot, Xiuping Zhang, and Shaogang Qu

Characterization of Ritonavir-Mediated Inactivation of Cytochrome P450 3A4
Brooke M. Rock, Shawna M. Hengel, Dan A. Rock, Larry C. Wienkers, and Kent L. Kunze

Norepinephrine Transporter Inhibition with Desipramine Exacerbates L-DOPA-Induced Dyskinesia: Role for Synaptic Dopamine Regulation in Denervated Nigrostriatal Terminals
Tanya Chotibut, Victoria Fields, and Michael F. Salvatore

Exon 3 Splicing and Mutagenesis Identify Residues Influencing Cell Surface Density of Heterologously Expressed Silkworm (Bombyx mori) Glutamate-Gated Chloride Channels
Shogo Furutani, Makoto Ihara, Yuri Nishino, Miki Akamatsu, Andrew K. Jones, David B. Sattelle, and Kazuhiko Matsuda

Multiple Modes of Ryanodine Receptor 2 Inhibition by Flecainide
D. Mehra, M. S. Imtiaz, D. F. van Helden, B. C. Knollmann, and D. R. Laver
Kinetics of Conformational Changes Revealed by Voltage-Clamp Fluorometry Give Insight to Desensitization at ATP-Gated Human P2X1 Receptors
Alistair G. Fryatt and Richard J. Evans
707

In Silico Screening for Inhibitors of P-Glycoprotein That Target the Nucleotide Binding Domains
Frances K. Brewer, Courtney A. Follit, Pia D. Vogel, and John G. Wise
716

Krüppel-Like Factor 9 Promotes Hepatic Cytochrome P450 2D6 Expression during Pregnancy in CYP2D6-Humanized Mice
Kwi Hye Koh, Xian Pan, Wei Zhang, Alan McLachlan, Raul Urrutia, and Hyunyoung Jeong
727

Studies on an Acetylcholine Binding Protein Identify a Basic Residue in Loop G on the β1 Strand as a New Structural Determinant of Neonicotinoid Actions
Makoto Ihara, Toshihide Okajima, Atsuko Yamashita, Takuma Oda, Takuya Asano, Mikana Matsui, David B. Sattelle, and Kazuhiko Matsuda
736

Potentiation of High Voltage–Activated Calcium Channels by 4-Aminopyridine Depends on Subunit Composition
Li Li, De-Pei Li, Shao-Rui Chen, Jinjun Chen, Hongzhen Hu, and Hui-Lin Pan
760

ERRATUM
Correction to “Metformin Restores Intermediate-Conductance Calcium-Activated K⁺ Channel- and Small-Conductance Calcium-Activated K⁺ Channel-Mediated Vasodilatation Impaired by Advanced Glycation End Products in Rat Mesenteric Artery”
773

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

About the cover: Expanded view of neonicotinoid-binding sites of the Gln55Arg mutant of Ls-AChBP. See the article by Ihara et al. (dx.doi.org/10.1124/mol.114.094698).