Announcement

Review Articles

Brain Cancer Drug Discovery: Clinical Trials, Drug Classes, Targets, and Combinatorial Therapies
Aleksandr V. Sokolov, Samira A. Dostdar, Misty M. Attwood, Aleksandra A. Krasilnikova, Anastasia A. Ilina, Amina Sh. Nabieva, Anna A. Lisitsyna, Vladimir N. Chubarev, Vadim V. Tarasov, and Helgi B. Schiöth

Parkinson Disease: Translating Insights from Molecular Mechanisms to Neuroprotection

Analgésic Potential of Terpenes Derived from Cannabis sativa
Erika Liktor-Busa, Attila Keresztes, Justin LaVigne, John M. Streicher, and Tally M. Largent-Milnes

L-Type Calcium Channel Blockers: A Potential Novel Therapeutic Approach to Drug Dependence
Hilary J. Little

Gαs–Protein Kinase A (PKA) Pathway Signalopathies: The Emerging Genetic Landscape and Therapeutic Potential of Human Diseases Driven by Aberrant Gαs-PKA Signaling
Dana J. Ramms, Francesco Raimondi, Nadia Arang, Friedrich W. Herberg, Susan S. Taylor, and J. Silvio Gutkind

Pharmacological Modulation of Immune Responses by Nutritional Components
Marthe T. van Daal, Gert Folkerts, Johan Garssen, and Saskia Braber

Nonantimicrobial Actions of Macrolides: Overview and Perspectives for Future Development

Regulation of Mitogen-Activated Protein Kinase Signaling Pathways by the Ubiquitin-Proteasome System and Its Pharmacological Potential
Simon Mathien, Chloé Tesnière, and Sylvain Meloche

Structure, Function, and Pharmacology of Glutamate Receptor Ion Channels

Inhaled β2 Adrenergic Agonists and Other cAMP-Elevating Agents: Therapeutics for Alveolar Injury and Acute Respiratory Disease Syndrome?
Krishna Sriram, Michael B. Insel, and Paul A. Insel

Structure-Based Virtual Screening for Ligands of G Protein–Coupled Receptors: What Can Molecular Docking Do for You?
Flavio Ballante, Albert J Kooistra, Stefanie Kampen, Chris de Graaf, and Jens Carlsson

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

About the cover: Structural coverage of the GPCR family and successful applications of these structures in molecular docking screens. See the article by Ballante et al. (dx.doi.org/10.1124/pharmrev.120.000246).