

PHARMACOLOGICAL REVIEWS

A Publication of the American Society for Pharmacology and Experimental Therapeutics

June 2011

Volume 63, Number 2

IUPHAR Nomenclature Report

- International Union of Basic and Clinical Pharmacology. LXXXII: Nomenclature and Classification of Hydroxy-carboxylic Acid Receptors (GPR81, GPR109A, and GPR109B) 269
Stefan Offermanns, Steven L. Colletti, Timothy W. Lovenberg, Graeme Semple, Alan Wise, and Adriaan P. IJzerman

Review Articles

- Remote Control of Neuronal Signaling 291
Sarah C. Rogan and Bryan L. Roth
- Neuropharmacology of the Naturally Occurring κ -Opioid Hallucinogen Salvinorin A 316
Christopher W. Cunningham, Richard B. Rothman, and Thomas E. Prisinzano
- Drug Wanting: Behavioral Sensitization and Relapse to Drug-Seeking Behavior 348
Jeffery D. Steketee and Peter W. Kalivas
- SNO-ing at the Nociceptive Synapse? 366
Irmgard Tegeder, Reynir Scheving, Ilka Wittig, and Gerd Geisslinger
- A Critical Analysis of the Interplay between Cytochrome P450 3A and P-Glycoprotein: Recent Insights from Knockout and Transgenic Mice 390
Robert A. B. van Waterschoot and Alfred H. Schinkel
- Human Disease Models in *Drosophila melanogaster* and the Role of the Fly in Therapeutic Drug Discovery 411
Udai Bhan Pandey and Charles D. Nichols
- Pharmacogenetics, Pharmacogenomics, and Individualized Medicine 437
Qiang Ma and Anthony Y. H. Lu

About the cover: Nitric oxide modulation of neuron-glia communication by direct S-nitrosylation. See article by Tegeder et al on p. 366 of this issue.