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

Review Articles
Remote Control of Neuronal Signaling
Sarah C. Rogan and Bryan L. Roth

Neuropharmacology of the Naturally Occurring κ-Opioid Hallucinogen Salvinorin A
Christopher W. Cunningham, Richard B. Rothman, and Thomas E. Prisinzano

Drug Wanting: Behavioral Sensitization and Relapse to Drug-Seeking Behavior
Jeffery D. Steketee and Peter W. Kalivas

SNO-ing at the Nociceptive Synapse?
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
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
Udai Bhan Pandey and Charles D. Nichols

Pharmacogenetics, Pharmacogenomics, and Individualized Medicine
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.