IUPHAR Nomenclature Report
International Union of Basic and Clinical Pharmacology CIV: The Neurobiology of Treatment-resistant Depression: From Antidepressant Classifications to Novel Pharmacological Targets

Review Articles

Current Challenges and Opportunities in Treating Glioblastoma
Andrea Shergalis, Armand Bankhead, III, Urarika Luesakul, Nongnuj Muangsin, and Nouri Neamati

Genetic Analysis of Rare Human Variants of Regulators of G Protein Signaling Proteins and Their Role in Human Physiology and Disease
Katherine E. Squires, Carolina Montañez-Miranda, Rushika R. Pandya, Matthew P. Torres, and John R. Hepler

Mechanisms and Drug Development in Atrial Fibrillation
David Calvo, David Filgueiras-Rama, and José Jalife

Platelet Signaling and Disease: Targeted Therapy for Thrombosis and Other Related Diseases
Jennifer Yeung, Wenjie Li, and Michael Holinstat

Trace Amines and Their Receptors
Raul R. Gainetdinov, Marius C. Hoener, and Mark D. Berry

Ketamine and Ketamine Metabolite Pharmacology: Insights into Therapeutic Mechanisms

Modulating Neural Circuits with Transcranial Magnetic Stimulation: Implications for Addiction Treatment Development
Colleen A. Hanlon, Logan T. Dowdle, and J. Scott Henderson

Adverse Neuropsychiatric Events and Recreational Use of Efavirenz and Other HIV-1 Antiretroviral Drugs
Dhwanil A. Dalwadi, Luis Ozuna, Brian H. Harvey, Michelle Viljoen, and John A. Schetz

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

About the cover: Phylogenetic tree of TAARs. See the article by Gainetdinov et al. (dx.doi.org/10.1124/pr.117.015305).