Notice of Concern
Darrell R. Abernethy

Pharmacogenomic Knowledge Base (PharmGKB) Submission Updates
VII. PAT Submission of Genetic Variation in KCND3 to the PharmGKB Network
Chantale Simard, Benoit Drolet, and Dan Roden

VIII. PBAT Submission of Genetic Variation in VKORC1 to the PharmGKB Network
Brian F. Gage and Charles S. Eby

Review Articles
Multidrug Resistance-Associated Proteins: Expression and Function in the Central Nervous System
Shannon Dallas, David S. Miller, and Reina Bendayan

Functional Pharmacology in Human Brain
Maurizio Raiteri

Biological and Biomaterial Approaches for Improved Islet Transplantation
Ajit S. Narang and Ram I. Mahato

The ATP-Binding Cassette Transporters and Their Implication in Drug Disposition: A Special Look at the Heart
Lucie Couture, John A. Nash, and Jacques Turgeon

Therapeutic Targets: Progress of Their Exploration and Investigation of Their Characteristics
C. J. Zheng, L. Y. Han, C. W. Yap, Z. L. Ji, Z. W. Cao, and Y. Z. Chen

Erratum
Correction to “Amyloid Precursor Protein, Presenilins, and α-Synuclein: Molecular Pathogenesis and Pharmacological Applications in Alzheimer’s Disease”
Yoo-Hun Suh and Frederic Checler

About the cover: Host immune response to islets engrafted under the kidney capsule. See the article by Narang and Mahato on page 194 of this issue.