Review Articles
The Therapeutic Potential of Modifying Inflammasomes and NOD-Like Receptors
Francesco Di Virgilio 872
Adenosine Kinase: Exploitation for Therapeutic Gain
Detlev Boison 906
Transporters and Drug-Drug Interactions: Important Determinants of Drug Disposition and Effects
Jörg König, Fabian Müller, and Martin F. Fromm 944
Pharmacogenetics and Cardiovascular Disease—Implications for Personalized Medicine
Julie A. Johnson and Larisa H. Cavallari 987
The Prostanoid EP4 Receptor and Its Signaling Pathway
Utako Yokoyama, Kousaku Iwatsubo, Masanari Umemura, Takayuki Fujita, and Yoshihiro Ishikawa 1010
Pharmacokinetic-Pharmacodynamic Modeling of Antibacterial Drugs
Elisabet I. Nielsen and Lena E. Friberg 1053
The Pharmacology of Regenerative Medicine
George J. Christ, Justin M. Saul, Mark E. Furth, and Karl-Erik Andersson 1091

IUPHAR Nomenclature Report
International Union of Basic and Clinical Pharmacology. LXXXVIII. G Protein-Coupled Receptor List: Recommendations for New Pairings with Cognate Ligands

Erratum
 Correction to “Exchange Protein Directly Activated by cAMP (epac): A Multidomain cAMP Mediator in the Regulation of Diverse Biological Functions” 1134

About the cover: Upon activation of the EP4 receptor by PGE2, the Gα subunit is dissociated from the receptor and Gβγ. See article by Yokoyama et al. on p. 1010 of this issue