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 Ga subunit is dissociated from the receptor and Gβγ. See article by Yokoyama et al. on p. 1010 of this issue