Review Articles
Recent Progress in Prostaglandin F_{2\alpha} Ethanolamide (Prostamide F_{2\alpha}) Research and Therapeutics

Aryl Hydrocarbon Receptor Control of Adaptive Immunity
Francisco J. Quintana and David H. Sherr

Therapeutic Targeting of Autophagy in Disease: Biology and Pharmacology
Yan Cheng, Xingcong Ren, William N. Hait, and Jin-Ming Yang

Cofactoring and Dimerization of Proteinase-Activated Receptors
Huilan Lin, Allen P. Liu, Thomas H. Smith, and JoAnn Trejo

Interrogating Tumor Metabolism and Tumor Microenvironments Using Molecular Positron Emission Tomography Imaging. Theranostic Approaches to Improve Therapeutics
Orit Jacobson and Xiaoyuan Chen

Mu Opioids and Their Receptors: Evolution of a Concept
Gavril W. Pasternak and Ying-Xian Pan

Insights into Rapid Modulation of Neuroplasticity by Brain Estrogens
Deepak P. Srivastava, Kevin M. Woolfrey, and Peter Penzes

Pharmacokinetics, Clinical Indications, and Resistance Mechanisms in Molecular Targeted Therapies in Cancer
Benjamin Izar, Julia Rotow, Justin Gainor, Jeffrey Clark, and Bruce Chabner

About the cover: Model of PAR3 cofactoring of mPAR4. See article by Lin et al on p. 1198 of this issue.