Review Articles
Mechanisms of Penile Erection and Basis for Pharmacological Treatment of Erectile Dysfunction
K.-E. Andersson

Modulation of Peripheral Sensory Neurons by the Immune System: Implications for Pain Therapy
Christoph Stein and Halina Machelska

Regulation of G Protein-Coupled Receptor Function by Na+/H+ Exchange Regulatory Factors
Juan A. Ardura and Peter A. Friedman

The Significance of G Protein-Coupled Receptor Crystallography for Drug Discovery
John A. Salon, David T. Lodowski, and Krzysztof Palczewski

α6β2* and α4β2* Nicotinic Acetylcholine Receptors As Drug Targets for Parkinson’s Disease
Maryka Quik and Susan Wonnacott

The Conserved Scavenger Receptor Cysteine-Rich Superfamily in Therapy and Diagnosis
Vanesa Gabriela Martínez, Søren Kragh Moestrup, Uffe Holmskov, Jan Mollenhauer, and Francisco Lozano

Functional Selectivity at the µ-Opioid Receptor: Implications for Understanding Opioid Analgesia and Tolerance
Kirsten M. Raehal, Cullen L. Schmid, Chad E. Groer, and Laura M. Bohn

About the cover: Observed and calculated dimeric/oligomeric structures implicate various interfaces in GPCR structures. See the article by Salon et al. on p. 901 of this issue.