MINIREVIEW
CB₂ Cannabinoid Receptors as a Therapeutic Target—What Does the Future Hold?
Amey Dhopeshwarkar and Ken Mackie

ARTICLES

Discovery and Mapping of an Intracellular Antagonist Binding Site at the Chemokine Receptor CCR2
Annelien J.M. Zweemer, Julia Bunnik, Margo Veenhuizen, Fabiana Miraglia, Eelke B. Lenselink, Maris Vilums, Henk de Vries, Arthur Gibert, Stefanie Thiele, Mette M. Rosenkilde, Adriaan P. IJzerman, and Laura H. Heitman

G-Protein βγ Subunit Dimers Modulate Kidney Repair after Ischemia-Reperfusion Injury in Rats

Fluoxetine Blocks Na⁺,1.5 Channels via a Mechanism Similar to That of Class 1 Antiarrhythmics
Hugo Poulin, Iva Bruhova, Quadiri Timour, Olivier Theriault, Jean-Martin Beaulieu, Dominique Frassati, and Mohamed Chahine

A Role for Picomolar Concentrations of Pregnenolone Sulfate in Synaptic Activity-Dependent Ca²⁺ Signaling and CREB Activation
Conor C. Smith, Stella C. Martin, Kavitha Sugunan, Shelley J. Russek, Terrell T. Gibbs, and David H. Farb

The Phosphatidylinositol(4,5) Bisphosphate–Binding Sequence of Transient Receptor Potential Channel Canonical 4α Is Critical for Its Contribution to Cardiomyocyte Hypertrophy
Nicola Cooley, David R. Grubb, Dieting Luo, and Elizabeth A. Woodcock

Identification of Protein Kinase C Activation as a Novel Mechanism for RGS2 Protein Upregulation through Phenotypic Screening of Natural Product Extracts
Avi Raveh, Pamela J. Schultz, Lauren Aschermann, Colleen Carpenter, Giselle Tamayo-Castillo, Shugeng Cao, Jon Clardy, Richard R. Neubig, David H. Sherman, and Benita Sjögren

Functional Selectivity of Allosteric Interactions within G Protein–Coupled Receptor Oligomers: The Dopamine D₁–D₃ Receptor Heterotetramer

Adverse Effects of Doxorubicin and Its Metabolic Product on Cardiac RyR2 and SERCA2A
Amy D. Hanna, Alex Lam, Steffi Tham, Angela F. Dulhunty, and Nicole A. Beard
Regulation of Mitochondrial Poly(ADP-Ribose) Polymerase Activation by the \( \beta \)-Adrenoceptor/cAMP/Protein Kinase A Axis during Oxidative Stress

Attila Brunyanszki, Gabor Olah, Ciro Coletta, Bartosz Szczesny, and Csaba Szabo

Supplemental material is available online at http://molpharm.aspetjournals.org.

About the cover: Induced fit docking of CCR2-RA-[R] in a homology model of CCR2 based on the crystal structure of CCR5. See the article by Zweemer et al., (dx.doi.org/10.1124/mol.114.093328).