MINIREVIEW

CB₂ Cannabinoid Receptors as a Therapeutic Target—What Does the Future Hold?

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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 β-Adrenoceptor/cAMP/Protein Kinase A Axis during Oxidative Stress

Attila Brunyanszki, Gábor 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).