EDITORIAL
New Leadership and Ideas for Molecular Pharmacology 45

ARTICLES
Multiplex G Protein–Coupled Receptor Screen Reveals Reliably Acting Agonists and a Gq-Phospholipase C Coupling Mode of GPR30/GPER1
Nicole Urban, Marion Leonhardt, and Michael Schaefer 48

Insights Into the Differential Desensitization of α4β2 Nicotinic Acetylcholine Receptor Isoforms Obtained With Positive Allosteric Modulation of Mutant Receptors
Roger L. Papke and Clare Stokes 63

Differences in Sustained Cellular Effects of MET inhibitors Are Driven by Prolonged Target Engagement and Lysosomal Retention
Nina Berges, Jan Henrik Klug, Anna Eicher, Jennifer Loehr, Daniel Schwarz, Joerg Bomke, Birgitta Leuthner, Dominique Perrin, and Oliver Schadt 77

The Isoleucine at Position 118 in Transmembrane 2 Is Responsible for the Selectivity of Xamoterol, Nebivolol, and ICI89406 for the Human β1-Adrenoceptor
Victor Jun Yu Lim, Richard G. W. Proudman, Stefania Monteleone, Peter Kolb, and Jillian G. Baker 89

A Complete Endocannabinoid Signaling System Modulates Synaptic Transmission between Human Induced Pluripotent Stem Cell–Derived Neurons
Melissa J. Asher, Hannah M. McMullan, Ao Dong, Yulong Li, and Stanley A. Thayer 100

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

About the cover: eCB GRAB sensor imaging in hiPSC-derived neuronal cultures. See the article by Asher et al. (dx.doi.org/10.1124/ molpharm.122.000555).