

MOLECULAR PHARMACOLOGY

August 2017

Volume 92

Number 2

molpharm.aspetjournals.org

ISSN 1521-0111

ARTICLES

- α 2 Subunit-Containing GABA_A Receptor Subtypes Are Upregulated and Contribute to Alcohol-Induced Functional Plasticity in the Rat Hippocampus
A. Kerstin Lindemeyer, Yi Shen, Ferin Yazdani, Xuesi M. Shao, Igor Spigelman, Daryl L. Davies, Richard W. Olsen, and Jing Liang 101
- Alterations of Histone Modifications Contribute to Pregnane X Receptor-Mediated Induction of CYP3A4 by Rifampicin
Liang Yan, Yiting Wang, Jingyang Liu, Yali Nie, Xiao-bo Zhong, Quancheng Kan, and Lirong Zhang 113
- Direct Binding of the Corrector VX-809 to Human CFTR NBD1: Evidence of an Allosteric Coupling between the Binding Site and the NBD1:CL4 Interface
Rhea P. Hudson, Jennifer E. Dawson, P. Andrew Chong, Zhengrong Yang, Linda Millen, Philip J. Thomas, Christie G. Brouillette, and Julie D. Forman-Kay 124
- C-X-C Motif Chemokine Receptor 3 Splice Variants Differentially Activate Beta-Arrestins to Regulate Downstream Signaling Pathways
Jeffrey S. Smith, Priya Alagesan, Nimit K. Desai, Thomas F. Pack, Jiao-Hui Wu, Asuka Inoue, Neil J. Freedman, and Sudarshan Rajagopal 136
- Identification of AICP as a GluN2C-Selective N-Methyl-D-Aspartate Receptor Superagonist at the GluN1 Glycine Site
Maja Jessen, Kristen Frederiksen, Feng Yi, Rasmus P. Clausen, Kasper B. Hansen, Hans Bräuner-Osborne, Paul Kilburn, and Anders Damholt 151
- β -Arrestin-Mediated Regulation of the Human *Ether-a-go-go*-Related Gene Potassium Channel
Matthew G. Sangoi, Shawn M. Lamothe, Jun Guo, Tonghua Yang, Wentao Li, Ellen G. Avery, John T. Fisher, and Shetuan Zhang 162
- TCL1A* Single-Nucleotide Polymorphisms and Estrogen-Mediated Toll-Like Receptor-MYD88-Dependent Nuclear Factor- κ B Activation: Single-Nucleotide Polymorphism- and Selective Estrogen Receptor Modulator-Dependent Modification of Inflammation and Immune Response
Ming-Fen Ho, James N. Ingle, Tim Bongartz, Krishna R. Kalari, Paul E. Goss, Lois E. Shepherd, Taisei Mushiroda, Michiaki Kubo, Liewei Wang, and Richard M. Weinshilboum 175

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

About the cover: CXCR3A and CXCR3B induce distinct β arr2 trafficking patterns. See the article by Smith et al (<https://dx.doi.org/10.1124/mol.117.108522>).