ACCELERATED COMMUNICATION

Discovery and Characterization of a G Protein–Biased Agonist That Inhibits β-Arrestin Recruitment to the D2 Dopamine Receptor

ARTICLES

The Physical Association of the P2Y12 Receptor with PAR4 Regulates Arrestin-Mediated Akt Activation
Aasma Khan, Dongjun Li, Salam Ibrahim, Emer Smyth, and Donna S. Woulfe

Antileukemic Activity and Mechanism of Drug Resistance to the Marine Salinispora tropica Proteasome Inhibitor Salinosporamide A (Marizomib)
Denise Niewerth, Gerrit Jansen, Lesley F. V. Riethoff, Johan van Meerloo, Andrew J. Kale, Bradley S. Moore, Yehuda G. Assaraf, Janet L. Anderl, Sonja Zweegman, Gertjan J. L. Kaspers, and Jacqueline Cloos

Mutations in the Main Cytoplasmic Loop of the GABA<sub>A</sub> Receptor α<sub>4</sub> and δ Subunits Have Opposite Effects on Surface Expression
John R. Bracamontes, Ping Li, Gustav Akk, and Joe Henry Steinbach

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Synergy-Based Small-Molecule Screen Using a Human Lung Epithelial Cell Line Yields ΔF508-CFTR Correctors That Augment VX-809 Maximal Efficacy
Puay-Wah Phuan, Guido Veit, Joseph Tan, Ariel Roldan, Walter E. Finkbeiner, Gergely L. Lukacs, and A. S. Verkman

Desensitization of Functional μ-Opioid Receptors Increases Agonist Off-Rate
John T. Williams

Characterization of the Zebrafish Ugt Repertoire Reveals a New Class of Drug-Metabolizing UDP Glucuronosyltransferases
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An N-Terminal Threonine Mutation Produces an Efflux-Favorable, Sodium-Primed Conformation of the Human Dopamine Transporter
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Leslie Ingraham, Mansong Li, J. Larry Renfro, Sonda Parker, Arpine Vapurcuyan, Imad Hanna, and Ryan M. Pelis

Characterization of the Novel Positive Allosteric Modulator, LY2119620, at the Muscarinic M₂ and M₄ Receptors

Carrie H. Croy, Douglas A. Schober, Hongling Xiao, Anne Quets, Arthur Christopoulos, and Christian C. Felder

Development of a Radioligand, [³H]LY2119620, to Probe the Human M₂ and M₄ Muscarinic Receptor Allosteric Binding Sites

Douglas A. Schober, Carrie H. Croy, Hongling Xiao, Arthur Christopoulos, and Christian C. Felder

ERRATUM

Correction to “Novel and Specific Inhibitors of a Poxvirus Type I Topoisomerase”

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

About the cover: Pharmacophore model for G protein–biased and nonbiased agonist interactions with the D2R. See the article by Free et al. (dx.doi.org/10.1124/mol.113.090563).