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

Structure, Molecular Modeling, and Function of the Novel Potassium Channel Blocker Urotoxin Isolated from the Venom of the Australian Scorpion Urodacus yaschenkoi

Karen Luna-Ramirez, Adam Bartok, Rita Restano-Cassulini, Veronica Quintero-Hernández, Fredy I. V. Coronas, Janni Christensen, Christine E. Wright, Gyorgy Panyi, and Lourival D. Possani

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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[A Plasma Concentration of α-Ketoglutarate Influences the Kinetic Interaction of Ligands with Organic Anion Transporter 1
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).