PERSPECTIVE

Paradoxical Stimulatory Effects of the “Standard” Histamine H4-Receptor Antagonist JNJ7777120: the H4 Receptor Joins the Club of 7 Transmembrane Domain Receptors Exhibiting Functional Selectivity

Roland Seifert, Erich H. Schneider, Stefan Dove, Irena Brunskole, Detlef Neumann, Andrea Strasser, and Armin Buschauer

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The High-Affinity cAMP-Specific Phosphodiesterase 8B Controls Steroidogenesis in the Mouse Adrenal Gland

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Molecular Determinants of Potent P2X2 Antagonism Identified by Functional Analysis, Mutagenesis, and Homology Docking

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A State-Dependent Salt-Bridge Interaction Exists across the β/α Intersubunit Interface of the GABA<sub>α</sub> Receptor

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The Tricyclic Antidepressant Amitriptyline Inhibits d-Cyclin Transactivation and Induces Myeloma Cell Apoptosis by Inhibiting Histone Deacetylases: In Vitro and In Silico Evidence

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Alexey Rossokhin, Tobias Dreker, Stephan Grissmer, and Boris S. Zhorov

Coupling to Polymeric Scaffolds Stabilizes Biofunctional Peptides for Intracellular Applications

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ERRATUM

Correction to “Antipsychotic Drugs Regulate Hedgehog Signaling by Modulation of 7-Dehydrocholesterol Reductase Levels”

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

About the cover: Model of the Kv1.3 mutant A₁₀C with two emopamil molecules. See the article by Rossokhin et al. on page 681 of this issue.