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Adrenaline Rush: The Role of Adrenergic Receptors in Stimulant-Induced Behaviors
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Daniel P. Jackson, Hui Li, Kristen A. Mitchell, Aditya D. Joshi, and Cornelis J. Elferink

\[ \beta \text{- Arrestin1 and Distinct CXCR4 Structures Are Required for Stromal Derived Factor-1 to Downregulate CXCR4 Cell-Surface Levels in Neuroblastoma} \]
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\[ \text{Allosteric Noncompetitive Small Molecule Selective Inhibitors of CD45 Tyrosine Phosphatase Suppress T-Cell Receptor Signals and Inflammation In Vivo} \]
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\[ \text{Eudistomin D and Penaresin Derivatives as Modulators of Ryanodine Receptor Channels and Sarcoplasmic Reticulum} \text{Ca}^{2+} \text{ATPase in Striated Muscle} \]
Paula L. Diaz-Sylvester, Maura Porta, Vanessa V. Juettner, Yuanzhao Lv, Sidney Fleischer, and Julio A. Copello

\[ \text{The Novel Arsenical Darinaparsin Is Transported by Cystine Importing Systems} \]

\[ \text{Gα\textsubscript{12} Structural Determinants of Hsp90 Interaction Are Necessary for Serum Response Element–Mediated Transcriptional Activation} \]

\[ \text{Structure/Activity Relationships of (M)ANT- and TNP-Nucleotides for Inhibition of Rat Soluble Guanylyl Cyclase} \alpha\beta_1 \]
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\[ \text{Observed Drug-Receptor Association Rates Are Governed by Membrane Affinity: The Importance of Establishing “Micro-Pharmacokinetic/Pharmacodynamic Relationships” at the β_2-Adrenoceptor} \]
David A. Sykes, Cheryl Parry, John Reilly, Penny Wright, Robin A. Fairhurst, and Steven J. Charlton

\[ \text{Regulation of GluA1 α-Amino-3-Hydroxy-5-Methyl-4-Isoxazolepropionic Acid Receptor Function by Protein Kinase C at Serine-818 and Threonine-840} \]
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Nanomolar Bifenthrin Alters Synchronous Ca\textsuperscript{2+} Oscillations and Cortical Neuron Development
Independent of Sodium Channel Activity
Zhengyu Cao, Yanjun Cui, Hai M. Nguyen, David Paul Jenkins, Heike Wulff, and Isaac N. Pessah

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

About the cover: Models of the interactions of inhibitors with sGC\textsubscript{\alpha}\beta\textsubscript{1}: binding site of bis-MANT-ITP, represented by the lipophilic potential mapped onto a MOLCAD Connolly surface. See the article by Dove et al. (dx.doi.org/10.1124/mol.113.091017).