

MOLECULAR PHARMACOLOGY

September 2014

Volume 86

Number 3

molpharm.aspetjournals.org

ISSN 1521-0111

ARTICLES

- Ca²⁺ Influx through P2X1 Receptors Amplifies P2Y1 Receptor-Evoked Ca²⁺ Signaling and ADP-Evoked Platelet Aggregation
Sarah Jones, Richard J. Evans, and Martyn P. Mahaut-Smith 243
- Gα₁₃/PDZ-RhoGEF/RhoA Signaling Is Essential for Gastrin-Releasing Peptide Receptor-Mediated Colon Cancer Cell Migration
Maulik Patel, Takeharu Kawano, Nobuchika Suzuki, Takao Hamakubo, Andrei V. Karginov, and Tohru Kozasa 252
- Subtype-Specific Mechanisms for Functional Interaction between α6β4* Nicotinic Acetylcholine Receptors and P2X Receptors
Walrati Limapichat, Dennis A. Dougherty, and Henry A. Lester 263
- Role of SAP97 in the Regulation of 5-HT_{2A}R Endocytosis and Signaling
Henry A. Dunn, Cornelia Walther, George Y. Yuan, Fabiana A. Caetano, Christina M. Godin, and Stephen S. G. Ferguson 275
- Globular Adiponectin Inhibits Ethanol-Induced Reactive Oxygen Species Production through Modulation of NADPH Oxidase in Macrophages: Involvement of Liver Kinase B1/AMP-Activated Protein Kinase Pathway
Mi Jin Kim, Laura E. Nagy, and Pil-Hoon Park 284
- Kinetic Organization of Ca²⁺ Signals That Regulate Synaptic Release Efficacy in Sympathetic Neurons
Michinori Mori, Shota Tanifuji, and Sumiko Mochida 297
- The Novel α₇β₂-Nicotinic Acetylcholine Receptor Subtype Is Expressed in Mouse and Human Basal Forebrain: Biochemical and Pharmacological Characterization
Milena Moretti, Michele Zoli, Andrew A. George, Ronald J. Lukas, Francesco Pistillo, Uwe Maskos, Paul Whiteaker, and Cecilia Gotti 306
- Insights into the Gating Mechanism of the Ryanodine-Modified Human Cardiac Ca²⁺-Release Channel (Ryanodine Receptor 2)
Saptarshi Mukherjee, N. Lowri Thomas, and Alan J. Williams 318
- Differential Activation of Vascular Smooth Muscle Kv7.4, Kv7.5, and Kv7.4/7.5 Channels by ML213 and ICA-069673
Lyubov I. Brueggemann, Jennifer M. Haick, Leanne L. Cribbs, and Kenneth L. Byron 330
- New Positive Ca²⁺-Activated K⁺ Channel Gating Modulators with Selectivity for K_{Ca}3.1
Nichole Coleman, Brandon M. Brown, Aida Oliván-Viguera, Vikrant Singh, Marilyn M. Olmstead, Marta Sofia Valero, Ralf Köhler, and Heike Wulff 342

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

About the cover: Rho-ROCK mediated regulation of Cox-2-PGE2 production contributes to overall GRP stimulated cancer cell migration. See the article by Patel et al., ([dx.doi.org/10.1124/mol.114.093914](https://doi.org/10.1124/mol.114.093914)).