ARTICLES

Ca$^{2+}$ Influx through P2X1 Receptors Amplifies P2Y1 Receptor-Evoked Ca$^{2+}$ Signaling and ADP-Evoked Platelet Aggregation
Sarah Jones, Richard J. Evans, and Martyn P. Mahaut-Smith 243

$\alpha_{13}$/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 $\alpha 6\beta 4$* 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 Ca$^{2+}$ Signals That Regulate Synaptic Release Efficacy in Sympathetic Neurons
Michinori Mori, Shota Tanifuji, and Sumiko Mochida 297

The Novel $\alpha 7\beta 2$-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 Ca$^{2+}$-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 Ca$^{2+}$-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).