Contents

HIGHLIGHTED PAPERS

PERSPECTIVES IN PHARMACOLOGY

Nonclassical Pharmacology of the Dopamine Transporter: Atypical Inhibitors, Allosteric Modulators, and Partial Substrates

BEHAVIORAL PHARMACOLOGY

Effects of Spinally Administered Bifunctional Nociceptin/Orphanin FQ Peptide Receptor/\(\mu\)-Opioid Receptor Ligands in Mouse Models of Neuropathic and Inflammatory Pain
Devki D. Sukhtankar, Nurulain T. Zaveri, Stephen M. Husbands, and Mei-Chuan Ko

CARDIOVASCULAR

Selective Kinin Receptor Agonists as Cardioprotective Agents in Myocardial Ischemia and Diabetes
Louis Potier, Ludovic Waeckel, Marie-Pascale Vincent, Catherine Chollet, Fernand Gobeil Jr, Michel Marre, Patrick Bruneval, Christine Richer, Ronan Roussel, François Alhenc-Gelas, and Nadine Bouby

Pivotal Role of Mouse Mast Cell Protease 4 in the Conversion and Pressor Properties of Big-Endothelin-1
Martin Houde, Marc-David Jamain, Julie Labonté, Louisane Desbiens, Gunnar Pejler, Michael Gurish, Shinji Takai, and Pedro D’Orléans-Juste

Nitric-Oxide Synthase Knockout Modulates \(\text{Ca}^{2+}\)-Sensing Receptor Expression and Signaling in Mouse Mesenteric Arteries
Emmanuel M. Awumey, Lakeeshia E. Bridges, Cicely L. Williams, and Debra I. Diz

CELLULAR AND MOLECULAR

Metallothionein Gene Transfection Reverses the Phenotype of Activated Human Hepatic Stellate Cells
Xinhua Xu, Fang Shi, Wenli Huang, and Y. James Kang

A Selective Antagonist Reveals a Potential Role of \(G\) Protein–Coupled Receptor 55 in Platelet and Endothelial Cell Function
Julia Kargl, Andrew J. Brown, Liisa Andersen, Georg Dorn, Rudolf Schicho, Maria Waldhoer, and Akos Heinemann

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE

20-Hydroxyeicosatetraenoic Acid Inhibition Attenuates Balloon Injury-Induced Neointima Formation and Vascular Remodeling in Rat Carotid Arteries

GASTROINTESTINAL, HEPATIC, PULMONARY, AND RENAL

Flagellin or Lipopolysaccharide Treatment Modified Macrophage Populations after Colorectal Radiation of Rats
Jean-Victor Lacavé-Lapalun, Marc Benderitter, and Christine Linard
INFLAMMATION, IMMUNOPHARMACOLOGY, AND ASTHMA

Focal Adhesion Kinase Regulates Collagen I–Induced Airway Smooth Muscle Phenotype Switching
Bart G. J. Dekkers, Anita I. R. Spanjer, Robert D. van der Schuyt, Willem Jan Kuik, Johan Zaagsma, and Herman Meurs

METABOLISM, TRANSPORT, AND PHARMACOGENOMICS

Metabolism and Pathways for Denitrification of Organic Nitrates in the Human Liver
Mirco Govoni, Paola Tocchetti, and Jon O. Lundberg

INFLAMMATION, IMMUNOPHARMACOLOGY, AND ASTHMA

Antipruritic Effect of the Topical Phosphodiesterase 4 Inhibitor E6005 Ameliorates Skin Lesions in a Mouse Atopic Dermatitis Model
Naoto Ishii, Manabu Shirato, Hisashi Wakita, Kazuki Miyazaki, Yasutaka Takase, Osamu Asano, Kazutomi Kusano, Eiichi Yamamoto, Chiharu Inoue, and Ieharu Hishinuma

METABOLISM, TRANSPORT, AND PHARMACOGENOMICS

A Structural Snapshot of CYP2B4 in Complex with Paroxetine Provides Insights into Ligand Binding and Clusters of Conformational States
Manish B. Shah, Irina Kufareva, Jaime Pascual, Qinghai Zhang, C. David Stout, and James R. Halpert

Basolateral Uptake of Nucleosides by Sertoli Cells Is Mediated Primarily by Equilibrative Nucleoside Transporter 1
David M. Klein, Kristen K. Evans, Rhiannon N. Hardwick, William H. Dantzler, Stephen H. Wright, and Nathan J. Cherrington

NEUROPHARMACOLOGY

κ-Opioid Receptors in the Central Amygdala Regulate Ethanol Actions at Presynaptic GABAergic Sites
Maenghee Kang-Park, Brigitte L. Kieffer, Amanda J. Roberts, George R. Siggins, and Scott D. Moore

Melatonin and Its Analog 5-Methoxycarbonylamino-N-Acetyltryptamine Potentiate Adrenergic Receptor-Mediated Ocular Hypotensive Effects in Rabbits: Significance for Combination Therapy in Glaucoma
Almudena Crooke, Fernando Huete-Toral, Alejandro Martín-Agüila, Alba Martín-Gil, and Jesús Pintor

 Estrous Cycle Regulation of Extrasynaptic δ-Containing GABA\textsubscript{A} Receptor-Mediated Tonic Inhibition and Limbic Epileptogenesis
Xin Wu, Omkaram Gangisetty, Chase Matthew Carver, and Doodipala Samba Reddy

ERRATUM

Correction to “Pharmacological Characterization of Olodaterol, a Novel Inhaled \( \beta_2 \)-Adrenoceptor Agonist, Exerting a 24-Hour-Long Duration of Action in Preclinical Models”

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

About the cover: Localization of rENT1 and rENT2 in the testis. See the article by Klein et al. on page 121 of this issue.