## Contents

### HIGHLIGHTED PAPERS

1

### COMMENTARY

**Therapeutic Efficacy of a H4 Receptor Antagonist in Humans: A Milestone in Histamine Research**

Roland Seifert

*The article associated with this Commentary can be found on page 181.*

### BEHAVIORAL PHARMACOLOGY

Effects of Pharmacologic Dopamine β-Hydroxylase Inhibition on Cocaine-Induced Reinstatement and Dopamine Neurochemistry in Squirrel Monkeys

Debra A. Cooper, Heather L. Kimmel, Daniel F. Manvich, Karl T. Schmidt, David Weinshenker, and Leonard L. Howell

Potent Inhibition of Alcohol Self-Administration in Alcohol-Preferring Rats by a κ-Opioid Receptor Antagonist

John R. Cashman and Marc R. Azar

### CARDIOVASCULAR

Ramipril Protects the Endothelium from High Glucose–Induced Dysfunction through CaMKKβ/AMPK and Heme Oxygenase-1 Activation

Shiliu Tian, Xinfa Ge, Ke Wu, Huabing Yang, and Yu Liu

### CELLULAR AND MOLECULAR

The Biological Actions of 11,12-Epoxeicosatrienoic Acid in Endothelial Cells Are Specific to the R/S-Enantiomer and Require the Gs Protein

Yindi Ding, Timo Frölmel, Rüdiger Popp, John R. Falck, Wolf-Hagen Schunck, and Ingrid Fleming

### DRUG DISCOVERY AND TRANSLATIONAL MEDICINE

SOMG-833, a Novel Selective c-MET Inhibitor, Blocks c-MET–Dependent Neoplastic Effects and Exerts Antitumor Activity

Hao-tian Zhang, Lu Wang, Jing Ai, Yi Chen, Chang-xi He, Yin-chun Ji, Min Huang, Jing-yu Yang, Ao Zhang, Jian Ding, and Mei-yu Geng

Pharmacology of a Central Nervous System Delivered 2′-O-Methoxyethyl–Modified Survival of Motor Neuron Splicing Oligonucleotide in Mice and Nonhuman Primates

Frank Rigo, Seung J. Chun, Daniel A. Norris, Gene Hung, Sam Lee, John Matson, Robert A. Fey, Hans Gaus, Yinin Hua, John S. Grundy, Adrian R. Krainer, Scott P. Henry, and C. Frank Bennett

Semisynthetic Bile Acid FXR and TGR5 Agonists: Physicochemical Properties, Pharmacokinetics, and Metabolism in the Rat

Aldo Roda, Roberto Pellicciari, Antimo Gioiello, Flavia Neri, Cecilia Camborata, Daniela Passeri, Francesca De Franco, Silvia Spinozzi, Carolina Colliva, Luciano Adorini, Marco Montagnani, and Rita Aldini
GASTROINTESTINAL, HEPATIC, PULMONARY, AND RENAL

Novel Orally Available Salvinorin A Analog PR-38 Inhibits Gastrointestinal Motility and Reduces Abdominal Pain in Mouse Models Mimicking Irritable Bowel Syndrome


Ameliorative Effect of Mepenzolate Bromide against Pulmonary Fibrosis

Shota Kurotsu, Ken-ichiro Tanaka, Tomomi Niino, Teita Asano, Toshifumi Sugizaki, Arata Azuma, Hidekazu Suzuki, and Tohru Mizushima

INFLAMMATION, IMMUNOPHARMACOLOGY, AND ASTHMA

Role of microRNAs in Resveratrol-Mediated Mitigation of Colitis-Associated Tumorigenesis in ApcMin/+ Mice

Ibrahim Altamemi, E. Angela Murphy, James F. Catroppa, Elizabeth E. Zumbrun, Jiajia Zhang, Jamie L. McClellan, Udai P. Singh, Prakash S. Nagarkatti, and Mitzi Nagarkatti

NEUROPHARMACOLOGY

Structure of the LINGO-1–Anti-LINGO-1 Li81 Antibody Complex Provides Insights into the Biology of LINGO-1 and the Mechanism of Action of the Antibody Therapy

R. Blake Pepinsky, Joseph W. Arndt, Chao Quan, Yan Gao, Omar Quintero-Monzon, Xinhua Lee, and Sha Mi

Ractopamine, a Livestock Feed Additive, Is a Full Agonist at Trace Amine-Associated Receptor 1

Xuehong Liu, David K. Grandy, and Aaron Janowsky

TOXICOLOGY

Macitentan Does Not Interfere with Hepatic Bile Salt Transport

Alexander Treiber, Páivi Aínismaa, Ruben de Kanter, Stephane Delahaye, Marianne Teher, Patrick Hess, and Patricia Sidharta

Trovafloxacin Enhances Lipopolysaccharide-Stimulated Production of Tumor Necrosis Factor-α by Macrophages: Role of the DNA Damage Response

Kyle L. Poulsen, Jesus Olivero-Verbel, Kevin M. Beggs, Patricia E. Ganey, and Robert A. Roth

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