Contents

BEHAVIORAL PHARMACOLOGY

Antinociceptive and Discriminative Stimulus Effects of Six Novel Psychoactive Opioid Substances in Male Rats
Ellen A. Walker, Christina Chambers, Matthew G. Korber, Srihari R. Tella, Cassandra Prioleau, and Li Fang

Effects of Dopamine D1-Like Receptor Ligands on Food-Cocaine Choice in Socially Housed Male Cynomolgus Monkeys
Paul W. Czoty, and Michael A. Nader

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE

A Glutamate N-Methyl-d-Aspartate (NMDA) Receptor Subunit 2B–Selective Inhibitor of NMDA Receptor Function with Enhanced Potency at Acidic pH and Oral Bioavailability for Clinical Use
Scott J. Myers, Kamalesh P. Ruppa, Lawrence J. Wilson, Yesim A. Tahirovic, Polina Lyuboslavsky, David S. Menaldino, Zackery W. Dentmon, George W. Koszalka, Robert Zaczek, Raymond J. Dingledine, Stephen F. Traynelis, and Dennis C. Liotta

Potentiation of Muscarinic M3 Receptor Activation through a New Allosteric Site with a Novel Positive Allosteric Modulator ASP8302
Risa Okimoto, Katsutoshi Ino, Kenichiro Ishizu, Hajime Takamatsu, Kazuyuki Sakamoto, Hironori Yuyama, Hideyoshi Fuji, Akiyoshi Someya, Akiyoshi Ohtake, Takao Ishigami, Noriyuki Masuda, Masahiro Takeda, Shunichi Kajioka, and Naoki Yoshimura

GASTROINTESTINAL, HEPATIC, PULMONARY, AND RENAL

Nuclear Factor Erythroid 2–Related Factor 2 Depletion Sensitizes Pancreatic Cancer Cells to Gemcitabine via Aldehyde Dehydrogenase 3α1 Repression
Ryotaro Matsumoto, Shin Hamada, Yu Tanaka, Keiko Taguchi, Masayuki Yamamoto, and Atsushi Masamune

Preclinical Evaluation of the Effects of Trazpiroben (TAK-906), a Novel, Potent Dopamine D2/D3 Receptor Antagonist for the Management of Gastroparesis
Roger L. Whiting, Agnes Choppin, Gary Laehr, and Jerey R. Jasper

METABOLISM, TRANSPORT, AND PHARMACOGENETICS

Protein Kinase N Family Negatively Regulates Constitutive Androstane Receptor-Mediated Transcriptional Induction of Cytochrome P450 2b10 in the Livers of Mice
Atsushi Kawase, Hideyuki Mukai, Shunsuke Tateishi, Shintaro Kuroda, Akira Kazaoka, Ryosuke Satoh, Hiroaki Shimada, Reiko Sugiura, and Masahiro Iwaki

Cationic Compounds with SARS-CoV-2 Antiviral Activity and Their Interaction with Organic Cation Transporter/Multidrug and Toxin Extruder Secretory Transporters
Lucy Martinez-Guerrero, Xiaohong Zhang, Kimberley M. Zorn, Sean Ekins, and Stephen H. Wright