HIGHLIGHTED PAPERS

BEHAVIORAL PHARMACOLOGY

JWH-018 and JWH-073: Δ⁹-Tetrahydrocannabinol-Like Discriminative Stimulus Effects in Monkeys
Brett C. Ginsburg, David R. Schulze, Lenka Hruba, and Lance R. McMahon

Synergistic Self-Administration of Ethanol and Cocaine Directly into the Posterior Ventral Tegmental Area: Involvement of Serotonin-3 Receptors
Zheng-Ming Ding, Scott M. Oster, Sheketha R. Hauser, Jamie E. Toalston, Richard L. Bell, William J. McBride, and Zachary A. Rodd

CARDIOVASCULAR

Differential Modulation of Brainstem Phosphatidylinositol 3-Kinase/Akt and Extracellular Signal-Regulated Kinase 1/2 Signaling Underlies WIN55,212-2 Centrally Mediated Pressor Response in Conscious Rats
Badr Mostafa Ibrahim and Abdel A. Abdel-Rahman

Atrial-Selective Sodium Channel Block Strategy to Suppress Atrial Fibrillation: Ranolazine versus Propafenone
Alexander Burashnikov, Luiz Belardinelli, and Charles Antzelevitch

Histamine 3 Receptor Activation Reduces the Expression of Neuronal Angiotensin II Type 1 Receptors in the Heart
Narumi Hashikawa-Hobara, Noel Yan-Ki Chan, and Roberto Levi

CELLULAR AND MOLECULAR

Adenylate Cyclase/cAMP/Protein Kinase A Signaling Pathway Inhibits Endothelin Type A Receptor-Operated Ca²⁺ Entry Mediated via Transient Receptor Potential Canonical 6 Channels
Takahiro Horinouchi, Tsunaki Higa, Hiroyuki Aoyagi, Tadashi Nishiya, Koji Terada, and Soichi Miwa

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE

The Fate of Bacterial Cocaine Esterase (CocE): An In Vivo Study of CocE-Mediated Cocaine Hydrolysis, CocE Pharmacokinetics, and CocE Elimination

Small Molecule Positive Allosteric Modulation of TRPV1 Activation by Vanilloids and Acidic pH
Krisztian Kaszas, Jason M. Keller, Claudio Coddou, Santosh K. Mishra, Mark A. Hoon, Stanko Stojilkovic, Kenneth A. Jacobson, and Michael J. Iadarola

Protection from Myocardial Ischemia/Reperfusion Injury by a Positive Allosteric Modulator of the A₃ Adenosine Receptor
Lili Du, Zhan-Guo Gao, Kasem Nithipatikom, Adriaan P. Uzerman, Jacobus P. D. van Veldhoven, Kenneth A. Jacobson, Garrett J. Gross, and John A. Auchampach

ENDOCRINE AND DIABETES

Beneficial Effects of PKF275-055, a Novel, Selective, Orally Bioavailable, Long-Acting Dipeptidyl Peptidase IV Inhibitor in Streptozotocin-Induced Diabetic Peripheral Neuropathy

GASTROINTESTINAL, HEPATIC, PULMONARY, AND RENAL

Heme Oxygenase-1 Alleviates Mouse Hepatic Failure through Suppression of Adaptive Immune Responses
Qiaoli Gu, Qiong Wu, Min Jin, Yichuan Xiao, Jingwei Xu, Chaoming Mao, Fang Zhao, Yi Zhang, and Yanyun Zhang