Contents

MINIREVIEW

The Soluble (Pro)Renin Receptor in Health and Diseases: Foe or Friend?
Manman Qin, Chuanming Xu, and Jun Yu

BEHAVIORAL PHARMACOLOGY

Persistent Exposure to Δ9-Tetrahydrocannabinol during Adolescence Does Not Affect Nociceptive Responding in Adult Mice
Alex Mabou Tagne, Yannick Fotio, Tarif Ibne Rashid, and Daniele Piomelli

The Buprenorphine Analogue BU10119 Attenuates Drug-Primed and Stress-Induced Cocaine Reinstatement in Mice
Todd M. Hillhouse, Keith M. Olson, James E. Hallahan, Lauren G. Ryzstak, Bryan F. Sears, Claire Mourice, Mehrnoosh Ostovar, Peyton O. Koppenhaver, Joshua L. West, Emily M. Jatkiewicz, Stephen M. Husbands, and John R. Traynor

CARDIOVASCULAR

Small-Molecule Integrated Stress Response Inhibitor Reduces Susceptibility to Postinfarct Atrial Fibrillation in Rats via the Inhibition of Integrated Stress Responses
Ting Zhang, Yong Wu, Zhengtao Hu, Wen Xing, Kun LV, Deguo Wang, and Nengwei Hu

CELLULAR AND MOLECULAR

P300 Participates in Ionizing Radiation–Mediated Activation of Cathepsin L by Mutant p53
Ya-jie Xiong, Ying Zhu, Ya-li Liu, Yi-fan Zhao, Xiao Shen, Wen-qing Zuo, Fang Lin, and Zhong-qin Liang

CHEMOTHERAPY, ANTIBIOTICS, AND GENE THERAPY

Sphingosine Kinase Inhibition Enhances Dimerization of Calreticulin at the Cell Surface in Mitoxantrone-Induced Immunogenic Cell Death
Asvelt J. Nduwumwami, Jeremy A. Hengst, and Jong K. Yun

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE

Ocular Pharmacokinetics of Brimonidine Drug Delivery System in Monkeys and Translational Modeling for Selection of Dose and Frequency in Clinical Trials
Mitalee Tamhane, Kenneth T. Luu, and Mayssa Attar

A Novel Selective PKR Inhibitor Restores Cognitive Deficits and Neurodegeneration in Alzheimer Disease Experimental Models
Matilde Lopez-Grancha, Patrick Bernardelli, Nicolas Moindrot, Elisabeth Genet, Carine Vincent, Valerie Roudieres, Alain Krick, Jean-François Sabuco, David Machnik, Delphine Ibhghi, Laurent Pradier, and Veronique Taupin

GASTROINTESTINAL, HEPATIC, PULMONARY, AND RENAL

Anwulignan Ameliorates the Intestinal Ischemia/Reperfusion
Huijiao Lin, Xinyun Zhang, Dan Wang, Jiawei Liu, Liwei Yuan, Jiale Liu, Chunmei Wang, Jinghui Sun, Jianguang Chen, He Li, and Shu Jing

Kidney-Targeted Delivery of Prolyl Hydroxylase Domain Protein 2 Small Interfering RNA with Nanoparticles Alleviated Renal Ischemia/Reperfusion Injury
Dengpiao Xie, Juan Wang, Gaizun Hu, Chaolong Chen, Hu Yang, Joseph K. Ritter, Yun Qu, and Ningjun Li
METABOLISM, TRANSPORT, AND PHARMACOGENETICS

Enhancing Target Tissue Levels and Diminishing Plasma Clearance of Ionizing Zwitterionic Antidotes in Organophosphate Exposures


NEUROPHARMACOLOGY

Nose-to-Brain Delivery of Dexamethasone: Biodistribution Studies in Mice

Iván Nicolás Pérez-Osorio, Alejandro Espinosa, Manuel Giraldo Velázquez, Patricia Padilla, Brandon Bárceca, Gladis Fragoso, Helgi Jung-Cook, Hugo Besedovsky, Gabriela Meneses, and Edda Lydia Sciutto Conde

NOTICE OF CONCERN


ERRATUM

Correction to Therapeutic Assessment of Combination Therapy with a Neprilysin Inhibitor and Angiotensin Type 1 Receptor Antagonist on Angiotensin II – Induced Atherosclerosis, Abdominal Aortic Aneurysms, and Hypertension

Supplemental material is available at jpet.aspetjournals.org.

About the cover: The predicted interaction partners of sPRR. See the article by Qin et al (dx.doi.org/10.1124/jpet.121.000576).