June 2015 Vol. 353, No. 3

Contents

HIGHLIGHTED PAPERS

445

MINIREVIEWS

Trapping Poly(ADP-Ribose) Polymerase
Yuqiao Shen, Mika Aoyagi-Scharber, and Bing Wang

Arsenic, Reactive Oxygen, and Endothelial Dysfunction
David C. Ellinsworth

BEHAVIORAL PHARMACOLOGY

Availability of N-Methyl-d-Aspartate Receptor Coagonists Affects Cocaine-Induced Conditioned Place Preference and Locomotor Sensitization: Implications for Comorbid Schizophrenia and Substance Abuse
Matthew D. Puhl, Alexandra R. Berg, Anita J. Bechtholt, and Joseph T. Coyle

Donepezil Reverses Intermittent Stress-Induced Generalized Chronic Pain Syndrome in Mice
Takehiro Mukae, Hitoshi Uchida, and Hiroshi Ueda

CARDIOVASCULAR

Ranolazine Reduces Remodeling of the Right Ventricle and Provoked Arrhythmias in Rats with Pulmonary Hypertension
John T. Liles, Kirsten Hoyer, Jason Oliver, Liguo Chi, Arvinder K. Dhalla, and Luiz Belardinelli

Inhibition of Extracellular Cyclophilins with Cyclosporine Analog and Development of Atherosclerosis in Apolipoprotein E–Deficient Mice
Michael Ditiatkovski, Vijaya N. L. V. Neelisetti, Huanhuan L. Cui, Miroslav Malesevic, Gunter Fischer, Michael Bukrinsky, and Dmitri Sviridov

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE

A Novel Partial Agonist of Peroxisome Proliferator-Activated Receptor γ with Excellent Effect on Insulin Resistance and Type 2 Diabetes
Hui-juan Liu, Cheng-yu Zhang, Fei Song, Ting Xiao, Jing Meng, Qiang Zhang, Cai-li Liang, Shan Li, Jing Wang, Bo Zhang, Yan-rong Liu, Tao Sun, and Hong-gang Zhou

ENDOCRINE AND DIABETES

Synergistic Effects of a GPR119 Agonist with Metformin on Weight Loss in Diet-Induced Obese Mice
Kamal Al-Barazanji, Judi McNulty, Jane Binz, Claudia Generaux, William Benson, Andrew Young, and Lihong Chen

INFLAMMATION, IMMUNOPHARMACOLOGY, AND ASTHMA

Anti-Inflammatory Effects and Joint Protection in Collagen-Induced Arthritis after Treatment with IQ-1S, a Selective c-Jun N-Terminal Kinase Inhibitor
Igor A. Schepetkin, Liliya N. Kirpotina, Deepa Hammaker, Irina Kochetkova, Andrei I. Khlebnikov, Sergey A. Lyakhov, Gary S. Firestein, and Mark T. Quinn

Curcumin Analog L48H37 Prevents Lipopolysaccharide-Induced TLR4 Signaling Pathway Activation and Sepsis via Targeting MD2
Yi Wang, Xiaou Shou, Yuanrong Dai, Lili Jiang, Gaozhi Chen, Yali Zhang, Zhe Wang, Lili Dong, Jianzhang Wu, Gultong Guo, and Guang Liang
Endothelin Receptor B Protects Granulocyte Macrophage Colony-Stimulating Factor mRNA from Degradation

David Jungck, Jürgen Knobloch, Sandra Körber, Yingfeng Lin, Jürgen Konradi, Sarah Yanik, Erich Stoelben, and Andrea Koch

NEUROPHARMACOLOGY

Antiseizure Activity of Midazolam in Mice Lacking δ-Subunit Extrasynaptic GABA<sub>δ</sub> Receptors

Sandesh D. Reddy, Iyan Younus, Bryan L. Clossen, and Doodipala Samba Reddy

Studies of the Biogenic Amine Transporters 15. Identification of Novel Allosteric Dopamine Transporter Ligands with Nanomolar Potency


Amiloride and GMQ Allosteric Modulation of the GABA-A ρ1 Receptor: Influences of the Intersubunit Site

Heather D. Snell and Eric B. Gonzales

NOTICE OF RETRACTION

ERRATA

Correction to “Targeting of VX2 Rabbit Liver Tumor by Selective Delivery of 3-Bromopyruvate: A Biodistribution and Survival Study”

Correction to “5-aza-Cytidine Is a Potent Inhibitor of DNA Methyltransferase 3a and Induces Apoptosis in HCT-116 Colon Cancer Cells via Gadd45- and p53-Dependent Mechanisms”

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

About the cover: Molecular docking of IQ-1S and Rabeximod in the JNK1 binding site. See the article by Schepetkin et al. (dx.doi.org/10.1124/jpet.114.220251).