The Journal of Pharmacology and Experimental Therapeutics

A Publication of the American Society for Pharmacology and Experimental Therapeutics

September 2022 Vol. 382, No. 3

Contents

BEHAVIORAL PHARMACOLOGY
Peripheral Administration of Selective Glycine Transporter-2 Inhibitor, Oleoyl-13-Lysine, Reverses Chronic Neuropathic Pain but Not Acute or Inflammatory Pain in Male Mice
Bruce S. Wilson, Julian Peiser-Oliver, Alexander Gillis, Sally Evans, Claudia Alamein, Shannon N. Mostyn, Susan Shimmon, Tristan Rawling, MacDonald J. Christie, Robert J. Vandenberg, and Sarasa A. Mohammadi

Antinociceptive and Analgesic Effects of (2R,6R)-Hydroxynorketamine
Jonathan G. Yost, Hildegard A. Wolf, Caroline A. Browne, and Irwin Lucki

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE
Effect of Novel Biotherapeutic Elevating Angiopoietin 1 on Progression of Diabetic Nephropathy in Diabetic/Obese Mice
Peng Sun, Christina S. Bartlett, Chao Zheng, Tammy Bigwarfe, Joshuaine M. Grant, Margaret MacDougall, Valentina Berger, Steven Kerr, Hu Sheng Qian, Mark McHugh, Hongxing Chen, Xiaomei Zhang, Miranda L. Carpenter, Heather N. Robinson, John Miglietta, Thorsten Lamla, and Ryan M. Fryer

Tralesinidase Alfa Enzyme Replacement Therapy Prevents Disease Manifestations in a Canine Model of Mucopolysaccharidosis Type IIIB

ENDOCRINE AND DIABETES
Preclinical Characterization of LY3209590, a Novel Weekly Basal Insulin Fc-Fusion Protein
Julie S. Moyers, Ryan J. Hansen, Jonathan W. Day, Craig D. Dickinson, Chen Zhang, Xiaoping Ruan, Liyun Ding, Robin M. Brown, Hana E. Baker, and John M. Beals

INFLAMMATION, IMMUNOPHARMACOLOGY, AND ASTHMA
Pharmacological Evaluation of a Pegylated Urocortin-1 Peptide in Experimental Autoimmune Disease Models
Josef G. Heuer, Catalina M. Meyer, Hana E. Baker, Andrea Geiser, Jonathan Lucchesi, Daniel Xu, Matthew Hamang, Jennifer A. Martin, Charlie Hu, Kenneth D. Roth, Kannan Thirunavukkarasu, Jorge Alsina-Fernandez, and Yanfei L. Ma

Intratracheal Administration of Acyl Coenzyme A Acyltransferase-1 Inhibitor K-604 Reduces Pulmonary Inflammation Following Bleomycin-Induced Lung Injury
Emily R. Stevenson, Melissa L. Wilkinson, Elena Abramova, Changjiang Guo, and Andrew J. Gow

METABOLISM, TRANSPORT, AND PHARMACOGENETICS
Physiological Characterization of the Transporter-Mediated Uptake of the Reversible Male Contraceptive H2-Gamendazole Across the Blood-Testis Barrier
Raymond K. Hau, Joseph S. Tash, Gunda I. Georg, Stephen H. Wright, and Nathan J. Cherrington

Influence of CYP2B6 Pharmacogenetics on Stereoselective Inhibition and Induction of Bupropion Metabolism by Efavirenz in Healthy Volunteers
Brandon T. Gufford, Ingrid F. Metzger, Nadia O. Bamfo, Eric A. Benson, Andrea R. Masters, Jessica Bo Li Lu, and Zeruesenay Desta
Influence of Glutathione-S-Transferase A1*B Allele on the Metabolism of the Aromatase Inhibitor, Exemestane, in Human Liver Cytosols and in Patients Treated With Exemestane

Irina Teslenko, Julia Trudeau, Shaman Luo, Christy J.W. Watson, Gang Chen, Cristina I. Truica, and Philip Lazarus

Impact of SLC43A3/ENBT1 Expression and Function on 6-Mercaptopurine Transport and Cytotoxicity in Human Acute Lymphoblastic Leukemia Cells

Nicholas M. Ruel, Khanh Hoa Nguyen, Chan S. Kim, Laura P.S. Andrade, and James R. Hammond

Supplemental material is available at jpet.aspetjournals.org.

About the cover: Glycine inhibition in the dorsal horn is lost in chronic pain states but may be restored by GlyT2 inhibitors to alleviate pain. See the article by Wilson et al. (dx.doi.org/10.1124/jpet.122.001265).