Contents

BEHAVIORAL PHARMACOLOGY
- Pharmacological Properties of δ-Opioid Receptor–Mediated Behaviors: Agonist Efficacy and Receptor Reserve
  Isaac J. Dripps, Ruizhuo Chen, Amanda M. Shafer, Kathryn E. Livingston, Alexander Disney, Stephen M. Husbands, John R. Traynor, Kenner C. Rice, and Emily M. Jutkiewicz

CELLULAR AND MOLECULAR
- ELX-02 Generates Protein via Premature Stop Codon Read-Through without Inducing Native Stop Codon Read-Through Proteins
  Daniel K. Crawford, Iris Alroy, Neal Sharpe, Matthew M. Goddeeris, and Greg Williams
- Voltage-Dependent Anion Channels Influence Cytotoxicity of ME-344, a Therapeutic Isoflavone

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE
- Lysophosphatidic Acid Receptor Agonism: Discovery of Potent Nonlipid Benzofuran Ethanolamine Structures
  Etienne Guillot, Jean-Christophe Le Bail, Pascal Paul, Valérie Fourgous, Pascale Briand, Michel Partiseti, Bruno Cornet, Philip Janiak, and Christophe Philippo
- Nonclinical Characterization of the Hypoxia-Inducible Factor Prolyl Hydroxylase Inhibitor Roxadustat, a Novel Treatment of Anemia of Chronic Kidney Disease

METABOLISM, TRANSPORT, AND PHARMACOGENOMICS
- Heterologous Expression and Functional Characterization of Novel CYP2C9 Variants Identified in the Alaska Native People
  Matthew G. McDonald, Lindsay M. Henderson, Sutapa Ray, Catherine K. Yeung, Amanda L. Johnson, John P. Kowalski, Helmut Hanenberg, Constanze Wiek, Kenneth E. Thummel, and Allan E. Rettie
- In Vitro Inhibition of Human Aldehyde Oxidase Activity by Clinically Relevant Concentrations of Gefitinib and Erlotinib: Comparison with Select Metabolites, Molecular Docking Analysis, and Impact on Hepatic Metabolism of Zaleplon and Methotrexate
  Wee Kiat Tan, Alyssa Rui Yi Tan, Punita Sivanandam, Ernest Jing Hui Goh, Ze Ping Yap, Nur Fazilah Saburulla, Karl Austin-Muttitt, Jonathan G.L. Mullins, and Ak Jiaqng Lai

NEUROPHARMACOLOGY
- [3H]Dopamine Uptake through the Dopamine and Norepinephrine Transporters is Decreased in the Prefrontal Cortex of Transgenic Mice Expressing HIV-1 Transactivator of Transcription Protein
  Matthew Strauss, Bernardette O’Donovan, Yizhi Ma, Ziyu Xiao, Steven Lin, Michael T. Bardo, Pavel I. Ortinski, Jay P. McLaughlin, and Jun Zhu
- MK-8719, a Novel and Selective O-GlcNAcase Inhibitor That Reduces the Formation of Pathological Tau and Ameliorates Neurodegeneration in a Mouse Model of Tauopathy
3,4-Methylenedioxyprovalerone: Neuropharmacological Impact of a Designer Stimulant of Abuse on Monoamine Transporters
Charlotte P. Magee, Christopher L. German, Yasmeen H. Siripathane, Peter S. Curtis, David J. Anderson, Diana G. Wilkins, Glen R. Hanson, and Annette E. Fleckenstein

Chronic Morphine-Induced Changes in Signaling at the A3 Adenosine Receptor Contribute to Morphine-Induced Hyperalgesia, Tolerance, and Withdrawal
Timothy M. Doyle, Tally M. Largent-Milnes, Zhoumou Chen, Vasiliki Staikopoulos, Emanuela Esposito, Rebecca Dalgarno, Churmy Fan, Dilip K. Tosh, Salvatore Cuzzocrea, Kenneth A. Jacobson, Tuan Trang, Mark R. Hutchinson, Gary J. Bennett, Todd W. Vanderah, and Daniela Salvemini

Supplemental material is available at jpet.aspetjournals.org.

About the cover: Molecular docking of compounds to the active site of human AOX1. See the article by Tan et al (dx.doi.org/10.1124/jpet.120.265249).