Contents

BEHAVIORAL PHARMACOLOGY
- Role of Efficacy as a Determinant of Locomotor Activation by Mu Opioid Receptor Ligands in Female and Male Mice
  Edna J. Santos, Matthew L. Banks, and S. Stevens Negus
- Preclinical Assessment of the Abuse Potential of Purified Botanical Cannabidiol: Self-Administration, Drug Discrimination, and Physical Dependence
  R.A. Gray, D.J. Heal, D.R. Maguire, L.R. Gerak, M.A. Javors, S. Smith, and C.P. France

CARDIOVASCULAR
- Optimized S-nitrosohemoglobin Synthesis in Red Blood Cells to Preserve Hypoxic Vasodilation Via βCys93
  Alfred Hausladen, Zhaoxia Qian, Rongli Zhang, Richard T. Premont, and Jonathan S. Stamler

CHEMOTHERAPY, ANTIBIOTICS, AND GENE THERAPY
- Sodium Pentobarbital Suppresses Breast Cancer Cell Growth Partly via Normalizing Microcirculatory Hemodynamics and Oxygenation in Tumors
  Qin Wang, Xueling Liu, Bingwei Li, Xiaojie Yang, Wenbao Lu, Ailing Li, Hongwei Li, Xiaoyan Zhang, and Jianqun Han

DRUG DISCOVERY AND TRANSLATIONAL MEDICINE
- Treatment of γ-Hydroxybutyrate Overdose with the GABA_B Antagonist SGS742
  Kristin E. Follman and Marilyn E. Morris
- Fate Determination Role of Erythropoietin and Romiplostim in the Lineage Commitment of Hematopoietic Progenitors
  Xiaoqing Fan, Wojciech Krzyzanski, Raymond S.M. Wong, and Xiaoyu Yan

Supplemental material is available at jpet.aspetjournals.org.

About the cover: Time course of locomotor activating effects produced by opioids with differing MOR efficacy. See the article by Santos et al. (dx.doi.org/10.1124/jpet.121.001045).