SPECIAL SECTION ON MECHANISTIC AND TRANSLATIONAL RESEARCH ON TRANSPORTERS IN TOXICOLOGY

SPECIAL SECTION ON MECHANISTIC AND TRANSLATIONAL RESEARCH ON TRANSPORTERS IN TOXICOLOGY

SPECIAL SECTION ON MECHANISTIC AND TRANSLATIONAL RESEARCH ON TRANSPORTERS IN TOXICOLOGY

Regulation of Placental Efflux Transporters during Pregnancy Complications. Danielle Kozlosky, Emily Barrett, and Lauren M. Aleksunes .............. 1364

Role and Regulation of Hepatobiliary ATP-Binding Cassette Transporters during Chemical-Induced Liver Injury. Carolina I. Ghanem and Jose E. Manautou ........................................ 1376


Perfluorinated Carboxylic Acids with Increasing Carbon Chain Lengths Upregulate Amino Acid Transporters and Modulate Compensatory Response of Xenobiotic Transporters in HepaRG Cells. Joe Jongpyo Lim, Youjun Suh, Elaine M. Faustman, and Julia Yue Cui .................... 1396

Effect of Chronic Cadmium Exposure on Brain and Liver Transporters and Drug-Metabolizing Enzymes in Male and Female Mice Genetically Predisposed to Alzheimer’s Disease. Hao Wang, Liang Zhang, Zhengui Xia, and Julia Yue Cui ......... 1414

Physiologically Based Pharmacokinetic Modeling To Predict Drug-Biologic Interactions with Cytokine Modulators: Are These Relevant and Is Interleukin-6 Enough? Kuan-Fu Chen, Hannah M. Jones, and Katherine L. Gill ......................... 1322

Inhibition of Cytochrome P450 2J2-Mediated Metabolism of Rivaroxaban and Arachidonic Acid by Ibrutinib and Osimertinib. Ziteng Wang and Eric Chun Yong Chan ................................. 1332

Isolation and Identification of 3,4-Seco-Solanidine-3,4-dioic Acid as a Urinary Biomarker of CYP2D6 Activity. Andrew C Behrle, Justin Douglas, J. Steven Leeder, and Leon van Haandel ........... 1342

Mesenchymal Stem Cell Fates in Murine Acute Liver Injury and Chronic Liver Fibrosis Induced by Carbon Tetrachloride. Chenhui Ma, Li Han, Jiajua Wu, Feng Tang, Qiangqiang Deng, Ting He, Zhiqiao Wu, Chen Ma, Wei Huang, Ruimin Huang, and Guoyu Pan ... 1352

Supplemental material is available online at http://dmd.aspetjournals.org.

About the cover: Human Placenta Structure and Invasion of the Uterus. See the article by Kozlosky et al. (dx.doi.org/10.1124/dmd.121.000449).