CONTENTS

COMMENTARY
Clearance Prediction Methodology Needs Fundamental Improvement: Trends Common to Rat and Human Hepatocytes/Microsomes and Implications for Experimental Methodology. F. L. Wood, J. B. Houston, and D. Hallifax .......................... 1178

ARTICLES
Wuzhi Tablet (Schisandra sphenanthera Extract) is a Promising Tacrolimus-Sparing Agent for Renal Transplant Recipients Who are CYP3A5 Expressers: a Two-Phase Prospective Study. Jiali Li, Siyang Chen, Xiaoling Qin, Qian Fu, Huichang Bi, Yu Zhang, Xueding Wang, Longshan Liu, Changxi Wang, and Min Huang ......................... 1114
Measurement and Mathematical Characterization of Cell-Level Pharmacokinetics of Antibody-Drug Conjugates: A Case Study with Trastuzumab-vc-MMAE. Aman P. Singh and Dhaval K. Shah 1120
CYP-Mediated Sulfoximine Deimination of AZD6738. Barry C. Jones, Roshini Markandu, Chungang Gu, and Graeme Scarfe ................. 1133

Physiologically Based Pharmacokinetic Model of the CYP2D6 Probe Atomoxetine: Extrapolation to Special Populations and Drug-Drug Interactions. Weize Huang, Mariko Nakano, Jennifer Sager, Isabelle Ragueneau-Majlessi, and Nina Isoherranen . . . . 1156
Hepatic Flavin-Containing Monooxygenase 3 Enzyme Suppressed by Type 1 Allergy-Produced Nitric Oxide. Tadatoshi Tanino, Toru Bando, Akira Komada, Yukie Nojiri, Yuna Okada, Yukari Ueda, and Eiichi Sakurai ............... 1189
Novel Interactions between Gut Microbiome and Host Drug-Processing Genes Modify the Hepatic Metabolism of the Environmental Chemicals Polybrominated Diphenyl Ethers. Cindy Yanfei Li, Soowan Lee, Sara Cade, Li-Jung Kuo, Irvin R. Schultz, Deepak K. Bhatt, Bhagwat Prasad, Theo K. Bammler, and Julia Yue Cui ........... 1197

ERRATA
Correction to “Interaction of 2,4-Diaminopyrimidine Containing Drugs Including Fedratinib and Trimethoprim with Thiamine Transporters” . . 1146
Correction to “Involvement of Nuclear Factor κB, not Pregnane X Receptor, in Inflammation-Mediated Regulation of Hepatic Transporters” . . . . 1148

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

About the cover: Formation of unconjugated MMAE in the media and cellular space of GFP-MCF7 cells after incubation with 75 nM T-vc-MMAE. Please see the article by Singh and Shah (dx.doi.org/10.1124/dmd.117.076414).