CONTENTS

ARTICLES

Characterization of Interactions Among CYP1A2, CYP2B4, and NADPH-cytochrome P450 Reductase: Identification of Specific Protein Complexes. J. Patrick Connick, James R. Reed, and Wayne L. Backes .......................................................... 197

Mechanism for Covalent Binding of MLN3126, an Oral Chemokine C-C Motif Receptor 9 Antagonist, to Serum Albumins. Naohiro Narita, Akio Morohashi, Kimio Tohyama, Toshiyuki Takeuchi, Yoshihiko Tagawa, Takahiro Kondo, and Satoru Asahi ....................... 204

Impact of Breast Cancer Resistance Protein Expression on the In Vitro Efficacy of Anticancer Drugs in Pancreatic Cancer Cell Lines. Ikumi Washio, Takeo Nakanishi, Naoki Ishiguro, Norio Yamamura, and Ikumi Tamai .... 214

Epidermal Growth Factor Represses Constitutive Androstan Receptor Expression in Primary Human Hepatocytes and Favors Regulation by Pregnane X Receptor. Hugues de Boussac, Claire Gondeau, Philippe Briolotti, Cédric Duret, Fridolin Treindl, Michael Römer, Jean-Michel Fabre, Astrid Herrero, Jeanne Ramos, Patrick Maurel, Markus Templin, Sabine Gerbal-Chaloin, and Martine Daujat-Chavanieu ........... 223

Pharmacokinetics and Disposition of Momelotinib Revealed a Disproportionate Human Metabolite—Resolution for Clinical Development. Jim Zheng, Yan Xin, Jingyu Zhang, Raju Subramanian, Bernard P. Murray, J. Andrew Whitney, Matthew R. Warr, John Ling, Lisa Moorehead, Ellen Kwan, Jeffrey Hemenway, Bill J. Smith, and Jeffrey A. Silverman ........................................................................... 237

REV-ERBa Regulates CYP7A1 Through Repression of Liver Receptor Homolog-1. Tianpeng Zhang, Mengjing Zhao, Danyi Lu, Shuai Wang, Fangjun Yu, Liansia Guo, Shijun Wen, and Baojian Wu .................................................. 248


Importance of the Unstirred Water Layer and Hepatocyte Membrane Integrity In Vitro for Quantification of Intrinsic Metabolic Clearance. Francesca L. Wood, J. Brian Houston, and David Hallifax ........................................................................ 268

Derivation of a System-Independent Ki for P-glycoprotein Mediated Digoxin Transport from System-Dependent IC50 Data. Aqsaa Chaudhry, Git Chung, Adam Lynn, Akshata Yalvigi, Colin Brown, Harma Ellens, Michael O’Connor, Caroline Lee, and Joe Bentz .................................................................................. 279

Bacterial Outer Membrane Vesicles from Dextran Sulfate Sodium–Induced Colitis Differentially Regulate Intestinal UDP-Glucuronosyltransferase 1A1 Partially Through Toll-Like Receptor 4/Mitogen-Activated Protein Kinase/Phosphatidylinositol 3-Kinase Pathway. Xue-Jiao Gao, Ting Li, Bin Wei, Zhi-Xiang Yan, Nan Hu, Yan-Juan Huang, Bei-Lei Han, Tai-Seng Wai, Wei Yang, and Ru Yan ........................................................................ 292

Continued on next page
Late-occurring and Long-circulating Metabolites of GABA<sub>α2,3</sub> Receptor Modulator AZD7325 Involving Metabolic Cyclization and Aromatization: Relevance to MIST Analysis and Application for Patient Compliance. Chungang Gu, Markus Artelsmair, Charles S. Elmore, Richard J. Lewis, Patty Davis, James E. Hall, Bruce T. Dembofsky, Greg Christoph, Mark A. Smith, Marc Chapdelaine, and Maria Sunzel

Clinical Pharmacokinetics and the Impact of Genetic Polymorphism on a CYP2C19 Substrate, BMS-823778, in Healthy Subjects. Jiachang Gong, Lars Hansen, and Lisa Iacono

ERRATUM
Correction to “Mrp3 Transports Clopidogrel Acyl Glucuronide from the Hepatocytes into Blood”.

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

About the cover: Confocal immunofluorescence microscopic analysis of BCRP protein localization in pancreatic cancer cell lines and MDCKII cells. See the article by Tamai et al., (https://doi.org/10.1124/dmd.117.078402).