CONTENTS

ARTICLES

In Vitro Evidence of Potential Interactions between CYP2C8 and Candesartan Acyl-β-D-glucuronide in the Liver. Yurie Katsube, Masayuki Tsujimoto, Hiroyoshi Koide, Daiki Hira, Yoshito Ikeda, Tetsuya Minegaki, Shin-ya Morita, Tomohiro Terada, and Kohshi Nishiguchi .................................. 289

Revisiting Nonlinear Bosentan Pharmacokinetics by Physiologically Based Pharmacokinetic Modeling: Target Binding, Albeit Not a Major Contributor to Nonlinearity, Can Offer Prediction of Target Occupancy. Satoshi Koyama, Kota Toshimoto, Wooin Lee, Yasunori Aoki, and Yuichi Sugiyama .................................................. 298

Functional Proliferating Human Hepatocytes: In Vitro Hepatocyte Model for Drug Metabolism, Excretion, and Toxicity. Shida Qiao, Sisi Feng, Zhitao Wu, Ting He, Chen Ma, Zhaoliang Peng, E. Tian, and Guoyu Pan .......................................................... 305

Function and Expression of Bile Salt Export Pump in Suspension Human Hepatocytes. Paresh P. Chothe, Rachel Pemberton, and Nireshar Hariparsad ......................... 314

Role of Human Arylacetamide Deacetylase (AADAC) on Hydrolysis of Eslicarbazepine Acetate and Effects of AADAC Genetic Polymorphisms on Hydrolase Activity. Keiya Hirosawa, Tatsuki Fukami, Kiyomichi Tashiro, Yoshiyuki Sakai, Fumiya Kisui, Masataka Nakano, and Miki Nakajima .................................................. 322

Evaluation of Tissue Binding in Three Tissues across Five Species and Prediction of Volume of Distribution from Plasma Protein and Tissue Binding with an Existing Model. Frederick Hsu, Yi-Chen Chen, and Fabio Broccatelli .................................................. 330


ERRATUM

Correction to “Considerations from the Innovation and Quality Induction Working Group in Response to Drug-Drug Interaction Guidance from Regulatory Agencies: Guidelines on Model Fitting and Recommendations on Time Course for In Vitro CYP Induction Studies Including Impact on Drug Interaction Risk Assessment” ................................................. 344

SUPPLEMENTAL MATERIAL

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

About the cover: Pharmacokinetic analysis of maternal-fetal transfer of cannabidiol, major cannabinoid in cannabis. See the article by Ochiai et al. (dx.doi.org/10.1124/dmd.120.000270)