 CONTENTS

MINIREVIEW

Alternative Splicing in the Cytochrome P450 Superfamily Expands Protein Diversity to Augment Gene Function and Redirect Human Drug Metabolism. Andrew J. Annalora, Craig B. Marcus, and Patrick L. Iversen ............................................. 375

ARTICLES

Cholic Acid Feeding Leads to Increased CYP2D6 Expression in CYP2D6-Humanized Mice. Xian Pan, Rebecca Kent, Kyoung-Jae Won, and Hyunyoung Jeong ............................................. 346

Regional Expression Levels of Drug Transporters and Metabolizing Enzymes along the Pig and Human Intestinal Tract and Comparison with Caco-2 Cells. Stefan F.C. Vaessen, Marola M.H. van Lipzig, Raymond H.H. Pieters, Cyrille A.M. Krul, Heleen M. Wortelboer, and Evita van de Steeg ............................................. 353


Comparison between Radioanalysis and $^{19}$F Nuclear Magnetic Resonance Spectroscopy in the Determination of Mass Balance, Metabolism, and Distribution of Pefloxacin. Haitao Hu, Kishore Kumar Katayan, Boris A. Czeskis, Everett J. Perkins, and Palaniappan Kulanthaivel ............................................. 399


Transcriptional, Functional, and Mechanistic Comparisons of Stem Cell–Derived Hepatocytes, HepaRG Cells, and Three-Dimensional Human Hepatocyte Spheroids as Predictive In Vitro Systems for Drug-Induced Liver Injury. Catherine C. Bell, Volker M. Lauschke, Sabine U. Vorrink, Henrik Palmgren, Rodger Duffin, Tommy B. Andersson, and Magnus Ingelman-Sundberg ............................................. 419

SHORT COMMUNICATION


ERRATUM

Correction to “p38 MAP Kinase Links CAR Activation and Inactivation in the Nucleus via Phosphorylation at Threonine 38” ............................................. 418

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

About the cover: Comparative Analysis of the Complete Human Cytochrome P450 Transcriptome and the Total Number of Single Nucleotide Polymorphisms. See the article by Annalora et al. (dx.doi.org/10.1124/dmd.116.073254).