Differences in Hydrolase Activities in the Liver and Small Intestine between Marmosets and Humans. Shiori Honda, Tatsuki Fukami, Keita Hirotsawa, Takuya Tsujiguchi, Yongjie Zhang, Masataka Nakano, Shotaro Uehara, Yasuhiro Uno, Hiroshi Yamazaki, and Miki Nakajima.

The Inactivation of Human Aldehyde Oxidase 1 by Hydrogen Peroxide and Superoxide. Claudia Garrido and Silke Leimkühler.

Impact of Interindividual Differences in Plasma Fraction Unbound on the Pharmacokinetics of a Novel Syk Kinase Inhibitor in Beagle Dogs. Andy Pike, Barry Jones, Roshini Markandu, and Daniel O’Neill.


Comparative Hepatic and Intestinal Efflux Transport of Statins. Feng Deng, Savi-Kukka Tuomi, Mikko Neuvonen, Päivi Hirvensalo, Sami Kulju, Christoph Wenzel, Stefan Oswald, Anne M. Filipula, and Mikko Niemi.


Silybin Restored CYP3A Expression through the Sirtuin 2/Nuclear Factor-κ-B Pathway in Mouse Nonalcoholic Fatty Liver Disease. Ran Zhang, Dan Xu, Yirui Zhang, Rui Wang, Na Yang, Yunge Lou, Haokai Zhao, Jiye Aa, Guangji Wang, and Yuan Xie.


Messenger RNA Expression of Albumin, Transferrin, Transthyretin, Asialoglycoprotein Receptor, Cytochrome P450 Isoform, Uptake Transporter, and Efflux Transporter Genes as a Function of Culture Duration in Prolonged Cultured Cryopreserved Human Hepatocytes as Collagen-Matrigel Sandwich Cultures: Evidence for Redifferentiation upon Prolonged Culturing. Qian Yang, and Albert P. Li.


Oleuropein-Induced Acceleration of Cytochrome P450–Catalyzed Drug Metabolism: Central Role for Nuclear Receptor Peroxisome Proliferator-Activated Receptor α. Fotini Malliou, Christina E. Andriopoulou, Frank J. Gonzalez, Aristeidis Kofinas, Alexios-Leandros Skaltsounis, and Maria Konstandi.

Infigratinib Is a Reversible Inhibitor and Mechanism-Based Inactivator of Cytochrome P450 3A4. Lloyd Wei Tat Tang, Jian Wei Teng, Ravi Kumar Verma, Siew Kwan Koh, Lei Zhou, Mei Lin Go, Hao Fan, and Eric Chun Yong Chan ............. 856

ERRATUM
Correction to In Vivo-to-in Vitro Extrapolation of Transporter-Mediated Renal Clearance: Relative Expression Factor Versus Relative Activity Factor Approach. ............................... 869

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

About the cover: Direct effect of macromolecules in food on intestinal function was demonstrated by finding that apple-derived nanoparticles are taken up by Caco-2 cells via endocytosis and miRNAs contained in the nanoparticles as cargos decreased OATP2B1 expression. See the article by Komori et al., (dx.doi.org/10.1124/dmd.121.000380).