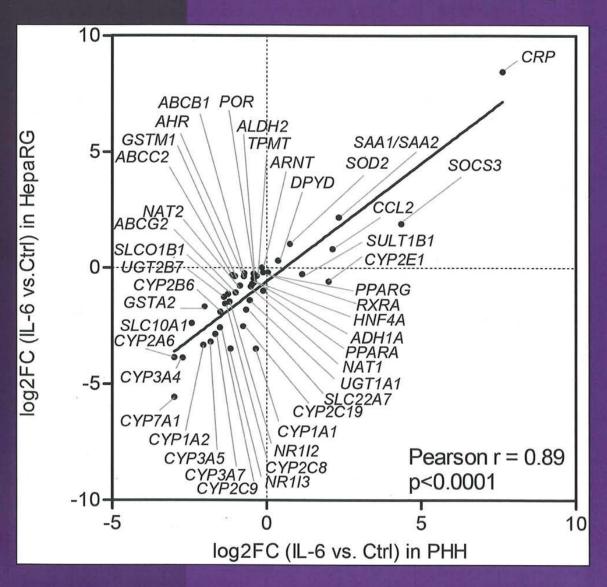
DRUG METABOLISM AND DISPOSITION



A Publication of the American Society for Pharmacology and Experimental Therapeutics



DRUG METABOLISM AND DISPOSITION

A Publication of the American Society for Pharmacology and Experimental Therapeutics

February 2015

Vol. 43, No. 2

Continued on next page

CONTENTS

	PERSPECTIVE Mass Cytometry: A Highly Multiplexed Single-Cell Technology for Advancing Drug Development. Kondala R. Atkuri, Jeffrey C. Stevens, and Hendrik Neubert	227		217
S	SHORT COMMUNICATION Quantitative Transporter Proteomics by Liquid Chromatography with Tandem Mass Spectrometry: Addressing Methodologic Issues of Plasma Membrane Isolation and Expression-Activity Relationship. Vineet Kumar, Bhagwat Prasad, Gabriela Patilea,		S Investigation of the Impact of Substrate Selection on In Vitro Organic Anion Transporting Polypeptide 1B1 Inhibition Profiles for the Prediction of Drug- Drug Interactions. Saki Izumi, Yoshitane Nozaki, Kazuya Maeda, Takafumi Komori, Osamu Takenaka, Hiroyuki Kusuhara, and Yuichi Sugiyama	235
	Anshul Gupta, Laurent Salphati, Raymond Evers, Cornelis E. C. A. Hop, and Jashvant D. Unadkat ARTICLES	284	S Mass Spectrometric Evaluation of Mephedrone In Vivo Human Metabolism: Identification of Phase I and Phase II Metabolites, Including a Novel Succinyl Conjugate. Óscar J. Pozo, María Ibáñez, Juan V. Sancho, Julio Lahoz-	
S	Physiologically Based Pharmacokinetic Modeling to Predict Drug-Drug Interactions Involving Inhibitory Metabolite: A Case Study of Amiodarone. Yuan Chen, Jialin Mao, and Cornelis E. C. A. Hop	182	Beneytez, Magí Farré, Esther Papaseit, Rafael	248
S	Comparison of the Circulating Metabolite Profile of PF-04991532, a Hepatoselective Glucokinase Activator, Across Preclinical Species and Humans: Potential Implications in Metabolites in Safety Testing Assessment. Raman Sharma, John Litchfield,		Monosodium L-Glutamate Obese Mice. Petra Matoušková, Hana Bártíková, Iva Boušová, Lucie Levorová, Barbora Szotáková, and Lenka Skálová	258
	Arthur Bergman, Karen Atkinson, David Kazierad, Stephanie M. Gustavson, Li Di, Jeffrey A. Pfefferkorn, and Amit S. Kalgutkar	190	S Renal Xenobiotic Transporter Expression is Altered in Multiple Experimental Models of Nonalcoholic Steatohepatitis. Mark J. Canet, Rhiannon N. Hardwick, April D. Lake, Anika L. Dzierlenga, John D. Clarke, Michael J. Goedken, and Nathan	
	in Loss of Transport Activity for P-Glycoprotein, BCRP, and MRP2 in Caco-2 Cells. Kathleen E. Sampson, Amanda Brinker, Jennifer Pratt, Neetu Venkatraman,		J. Cherrington	266
-	Yongling Xiao, Jim Blasberg, Toni Steiner, Maureen Bourner, and David C. Thompson	199	matory Signaling on Absorption, Distribution, Metabolism, and Excretion Gene Expression and Activity in Primary Human Hepatocytes and	
S	Characterization of CYP2B6 in a CYP2B6-Humanized Mouse Model: Inducibility in the Liver by Phenobarbital and Dexamethasone and Role in Nicotine Metabolism In Vivo. Zhihua Liu, Lei Li, Hong Wu, Jing Hu, Jun Ma, Qing-Yu Zhang,		HepaRG Cells. Marcus Klein, Maria Thomas, Ute Hofmann, Daniel Seehofer, Georg Damm, and Ulrich M. Zanger	273
S	and Xinxin Ding	208	S Absorption, Metabolism, and Excretion of Oral ¹⁴ C Radiolabeled Ibrutinib: An Open-Label, Phase I, Single-Dose Study in Healthy Men. <i>Ellen Scheers, Laurent Leclercq, Jan de Jong, Nini Bode, Marc</i>	



Contents (cont'd.)

Bockx, Aline Laenen, Filip Cuyckens, Donna Skee,	NOTICE OF RETRACTION	
Toe Murphy, Juthamas Sukbuntherng, and Geert Mannens	Notice of Retraction	234
	NOTICE OF CONCERN	
	Notice of Concern	298

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

About the cover: Correlation of IL-6-induced gene expression changes in PHH and HepaRG cells. See the article by Klein et al. (dx.doi.org/10.1124/dmd.114.060962)



Notice of Retraction

Re: Kadam RS, Vooturi SK, Kompella UB. Immunohistochemical and functional characterization of peptide, organic cation, neutral and basic amino acid, and monocarboxylate drug transporters in human ocular tissues. *Drug Metab Dispos* February 2013 **41**:466–474; doi:10.1124/dmd.112.045674

The University of Colorado and authors have requested that this article be withdrawn due to data integrity problems with some LC-MS/MS peak areas in Figure 10 (A-D) and Figure 11 (A-C). The data were found to be falsified to improve the differences or kinetics. *Drug Metab Dispos* has retracted this article.

