An Assessment of Drug-Drug Interactions: The Effect of Desvenlafaxine and Duloxetine on the Pharmacokinetics of the CYP2D6 Probe Desipramine in Healthy Subjects. Albena Patroneva, Sandra M. Connolly, Penny Fatato, Ron Pedersen, Qin Jiang, Jeffrey Paul, Christine Guico-Pabia, Jennifer A. Isler, Michael E. Burczynski, and Alice I. Nichols

Involvement of Intestinal Uptake Transporters in the Absorption of Azithromycin and Clarithromycin in the Rat. Eric Garver, Erin D. Hugger, Shawn P. Shearn, Anuradha Rao, Paul A. Dawson, Charles B. Davis, and Chao Han

Aryl Hydrocarbon Receptor-Dependent Induction of Flavin-Containing Monoxygenase mRNAs in Mouse Liver. Trine Celius, Steven Roblin, Patricia A. Harper, Jason Matthews, Paul C. Boutros, Raimo Pohjanvirta, and Allan B. Okey

A Double Transgenic Mouse Model Expressing Human Pregnane X Receptor and Cytochrome P450 3A4. Xiaochao Ma, Connie Cheung, Kristopher W. Krausz, Yatrik M. Shah, Ting Wang, Jeffrey R. Idle, and Frank J. Gonzalez

Confirmation That Cytochrome P450 2C8 (CYP2C8) Plays a Minor Role in (S)-(+) and (R)-(−)-Ibuprofen Hydroxylation in Vitro. Shu-Ying Chang, Wenyi Li, Sarah C. Traeger, Bei Wang, Donghui Cui, Hongjian Zhang, Bo Wen, and A. David Rodrigues

Pharmacokinetics, Distribution, Metabolism, and Excretion of Deferasirox and Its Iron Complex in Rats. Gerard J. M. Bruin, Thomas Faller, Hansjörg Wiegand, Alain Schweitzer, Hanspeter Nick, Josef Schneider, K.-Olaf Boernsen, and Felix Waldmeier

2-Diethylaminoethyl-2,2-diphenylvalerate-HCl (SKF525A) Revisited: Comparative Cytochrome P450 Inhibition in Human Liver Microsomes by SKF525A, Its Metabolites, and SKF-Acid and SKF-Alcohol. Michael R. Franklin and Laura B. Hathaway

Interindividual Variation in Relative CYP1A2/3A4 Phenotype Influences Susceptibility of Clozapine Oxidation to Cytochrome P450-Specific Inhibition in Human Hepatic Microsomes. Wei V. Zhang, Fabrizio D’Esposito, Robert J. Edwards, Iqbal Ramzan, and Michael Murray

Activation of the Aryl Hydrocarbon Receptor by the Calcium/Calmodulin-Dependent Protein Kinase II Inhibitor 7-Oxo-7H-benzo[d]imidazo[2,1-a]benz-[de]isoquinoline-3-carboxylic Acid (STO-609). Patricia Monteiro, David Gilot, Sophie Languet, and Olivier Fardel

Lacteal Secretion, Fetal and Maternal Tissue Distribution of Dasatinib in Rats. Kan He, Michael W. Lago, Ramaswamy A. Iyer, Wen-Chyi Shya, William G. Humphreys, and Lisa J. Christopher

Structural Determinants of Substrate Specificity Differences between Human Multidrug Resistance Protein (MRP) 1 (ABCC1) and MRP3 (ABCC3). Caroline E. Grant, Mian Gao, Marianne K. DeGorter, Susan P. C. Cole, and Roger G. DeFeely

Key Residues Controlling Phenacetin Metabolism by Human Cytochrome P450 2A Enzymes. Natasha M. DeVore, Brian D. Smith, Michael J. Urban, and Emily E. Scott

N-(4-[2-(1,2,3,4-Tetrahydro-6,7-dimethoxy-2-isoquinolinyl)ethyl]-phenyl)-9,10-dihydro-5-methoxy-9-oxo-4-acridine Carboxamide (GF120918) As a Chemical ATP-Binding Cassette Transporter Family G Member 2 (Abcg2) Knockout Model to Study Nitrofurantoin Transfer into Milk. Lipeng Wang, Markos Leggas, Mamta Goswami, Philip E. Empey, and Patrick J. McNamara

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

About the cover: Comparison of the active sites of CYP2A6 (purple, PDB IZ10, molecule B), CYP2A6 I208S/I300F/G301A/G369S with phenacetin (green, molecule A), and CYP2A13 (orange, PDB 2P85, molecule A). See article by DeVore et al. on page 2582.