

# DRUG METABOLISM AND DISPOSITION

A Publication of the American Society for Pharmacology and Experimental Therapeutics

December 2016

Vol. 44, No. 12

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- Roles of Human CYP2A6 and Monkey CYP2A24 and 2A26 Cytochrome P450 Enzymes in the Oxidation of 2,5,2',5'-Tetrachlorobiphenyl. *Tsutomu*

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- Evaluation of the Interplay between Uptake Transport and CYP3A4 Induction in Micropatterned Cocultured Hepatocytes. *Amanda Moore, Paresh P. Chothe, Hong Tsao, and Niresh Hariparsad* **1910**

- Abundance of Drug Transporters in the Human Kidney Cortex as Quantified by Quantitative Targeted Proteomics. *Bhagwat Prasad, Katherine Johnson, Sarah Billington, Caroline Lee, Git W. Chung, Colin D.A. Brown, Edward J. Kelly, Jonathan Himmelfarb, and Jashvant D. Unadkat* . . . . . **1920**

- Investigation of Endogenous Compounds Applicable to Drug–Drug Interaction Studies Involving the Renal Organic Anion Transporters, OAT1 and OAT3, in Humans. *Yuri Tsuruya, Koji Kato, Yamato Sano, Yuichiro Imamura, Kazuya Maeda, Yuji Kumagai, Yuichi Sugiyama, and Hiroyuki Kusuhara* . . . . . **1925**

- Modeling Therapeutic Antibody–Small Molecule Drug–Drug Interactions Using a Three-Dimensional Perfusion Human Liver Coculture Platform. *Thomas J. Long, Patrick A. Cosgrove, Robert T. Dunn, II, Donna B. Stoltz, Hisham Hamadeh, Cynthia Afshari, Helen McBride, and Linda G. Griffith* . . . . . **1940**

- Pharmacokinetics and Differential Regulation of Cytochrome P450 Enzymes in Type 1 Allergic Mice. *Tadatoshi Tanino, Akira Komada, Koji Ueda, Toru Bando, Yukie Nojiri, Yukari Ueda, and Eiichi Sakurai* . . . . . **1950**

- Tramadol Metabolism to *O*-Desmethyl Tramadol (M1) and *N*-Desmethyl Tramadol (M2) by Dog Liver Microsomes: Species Comparison and Identification of Responsible Canine Cytochrome P450s. *Tania E. Perez, Katrina L. Mealey, Tamara L. Grubb, Stephen A. Greene, and Michael H. Court* . . . . . **1963**

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- Antibody Drug Conjugates Differentiate Uptake and DNA Alkylation of Pyrrolobenzodiazepines in Tumors from Organs of Xenograft Mice. *Yong Ma, S. Cyrus Khojasteh, Cornelis E.C.A. Hop,*

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**ERRATUM**

- Correction to “Trimethylamine and Trimethylamine N-Oxide, a Flavin-Containing Monooxygenase 3 (FMO3)-Mediated Host-Microbiome Metabolic Axis Implicated in Health and Disease” . . . . . **1949**

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

*About the cover:* Representative low magnification (A) and high magnification (B) confocal reconstructions of hepatocyte microtissue morphology in a LiverChip scaffold after seven days of culture stained for f-actin (green) and Hoechst (blue). See the article by Long et al. ([dx.doi.org/10.1124/dmd.116.071456](https://dx.doi.org/10.1124/dmd.116.071456)).