SHORT COMMUNICATION

Down-Regulation of Liver Drug-Metabolizing Enzymes in a Murine Model of Chronic Renal Failure. Mélina Dani, Caroline Boisvert, Josée Michaud, Judith Naud, Stéphane Lefrançois, François A. Leblond, and Vincent Pichette

ARTICLES


Identification of Human UGT2B7 as the Major Isoform Involved in the O-Glucuronidation of Chloramphenicol. Mei Chen, Barbara LeDuc, Stephen Kerr, David Howe, and David A. Williams

Identification of Cytochrome P450 Isoforms Involved in the Metabolism of Paroxetine and Estimation of Their Importance for Human Paroxetine Metabolism Using a Population-Based Simulator. Jakob Jornil, Klaus Gjervig Jensen, Frank Larsen, and Kristian Linnet

Glucuronidation of Psilocin and 4-Hydroxyindole by the Human UDP-Glucuronosyltransferases. Nenad Manevski, Mika Kurkela, Camilla Höglund, Timo Maurila, Michael H. Court, Jari Yli-Kauhaluoma, and Moshe Finel


New Insights into the Regulation of CYP2C9 Gene Expression: The Role of the Transcription Factor GATA-4. Jessica Mwinyi, Jana Nekvindová, Isa Cavaco, Yvonne Hofmann, Rasmus Steen Pedersen, Ellie Landman, Souren Mkrtchian, and Magnus Ingelman-Sundberg

In Silico Prediction of Biliary Excretion of Drugs in Rats Based on Physicochemical Properties. Gang Luo, Stephen Johnson, Mei-Mann Hsueh, Joanna Zheng, Hong Cai, Baomin Xin, Saeho Chong, Kan He, and Timothy W. Harper

Glucuronidation of Dihydrotestosterone and trans-Androsterone by Recombinant UDP-Glucuronosyltransferase (UGT) 1A4: Evidence for Multiple UGT1A4 Aglycone Binding Sites. Jin Zhou, Timothy S. Tracy, and Rory P. Remmel

Monocarboxylate Transporter-Mediated Transport of γ-Hydroxybutyric Acid in Human Intestinal Caco-2 Cells. Wing Ki Lam, Melanie A. Felmlee, and Marilyn E. Morris

In Vitro Assessment of Metabolic Drug-Drug Interaction Potential of Apixaban through Cytochrome P450 Phenotyping, Inhibition, and Induc-
tion Studies. Lifei Wang, Donglu Zhang, Nirmala Raghavan, Ming Yao, Li Ma, Charles A. Frost, Brad D. Maxwell, Shiang-yuan Chen, Kan He, Theunis C. Goosen, W. Griffith Humphreys, and Scott J. Grossman ............................ 448

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LETTERS TO THE EDITOR

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Response to Letter to the Editor on “Permeability, Transport, and Metabolism of Solutes in Caco-2 Cell Monolayers: A Theoretical Study”. Huan-dong Sun and K. Sandy Pang ....................... 536

About the cover: The HepaRG cells were incubated with fluorescent substrates (CDFDA, fluorescent substrate of MRP2 and BODIPY FL vinblastine, fluorescent substrate of BSEP and MDRI) for 30 min at 37°C and then observed under phase contrast and fluorescence microscopy. See the article by Anthérieu et al. on page 516 of this issue.