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Spironolactone and Canrenone Inhibit UGT2B7-Catalyzed Human Liver and Kidney Microsomal Aldosterone 18β-Glucuronidation: A Potential Drug Interaction. Kathleen M. Knights, Kushari Bowalgaha, and John O. Miners


Hepatic Uptake of the Magnetic Resonance Imaging Contrast Agent Gd-EOB-DTPA: Role of Human Organic Anion Transporters. Mirko Leonhardt, Markus Keiser, Stefan Oswald, Jens Kühn, Jia Jia, Markus Grube, Heyo K. Kroemer, Werner Siegmund, and Werner Weitschies

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Significant Increase in Phenacetin Oxidation on L382V Substitution in Human Cytochrome P450 1A2. Qingbiao Huang and Grazyna D. Szklarz

In Vivo Responses of the Human and Murine Pregnan X Receptor to Dexamethasone in Mice. Nico Scheer, Jillian Ross, Yury Kapelyukh, Anja Rode, and C. Roland Wolf

Vectorial Transport of Nucleoside Analogs from the Apical to the Basolateral Membrane in Double-Transfected Cells Expressing the Human Concentrative Nucleoside Transporter hCNT3 and the Export Pump ABCC4. Maria Rius, Daniela Keller, Manuela Brom, Johanna Hummel-Eisenbeiss, Frank Lyko, and Dietrich Keppler

Transporter Studies with the 3-O-Sulfate Conjugate of 17α-Ethinylestradiol: Assessment of Human Kidney Drug Transporters. Yong-Hae Han, Dennis Busler, Yang Hong, Yuan Tian, Cliff Chen, and A. David Rodrigues

Transporter Studies with the 3-O-Sulfate Conjugate of 17α-Ethinylestradiol: Assessment of Human Liver Drug Transporters. Yong-Hae Han, Dennis Busler, Yang Hong, Yuan Tian, Cliff Chen, and A. David Rodrigues

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

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About the cover: Simplified scheme describing EE2 disposition after oral administration with focus on transport of EE2-Sul. See the article by Han et al. on page 1064 of this issue.