
Atorvastatin Treatment Induces Uptake and Efflux Transporters in Human Liver. Linda Björkhem-Bergman, Helena Bergström, Maria Johansson, Paolo Parini, Mats Eriksson, Anders Rune, and Lena Ekström ............... 1610

The Human UDP-Glucuronosyltransferase UGT2A1 and UGT2A2 Enzymes Are Highly Active in Bile Acid Glucuronidation. Martin Perreault, Louis Gauthier-Landry, Jocelyn Trottier, Mélanie Verreault, Patrick Caron, Moshe Finel, and Olivier Barbier ............... 1616

Characterization of Microsomal Glutathione S-Transferases MGST1, MGST2, and MGST3 in Cynomolgus Macaque. Yasuhiro Uno, Norie Murayama, Mutsuki Kunori, and Hiroshi Yamazaki ............... 1621

Metabolism and Disposition of the Metabotropic Glutamate Receptor 5 Antagonist (mGluR5) Mavoglurant (AFQ056) in Healthy Subjects. Markus Walles, Thierry Wolf, Yi Jin, Michael Ritzau, Luc Alexis Leuthold, Joel Krauser, Hans-Peter Gschwind, David Carcache, Matthias Kittelmann, Magdalena Ociejea, Mike Ufer, Ralph Woessner, Abhijit Chakraborty, and Piet Swart. ............... 1626


The Relative Contributions of CYP3A4 and CYP3A5 to the Metabolism of Vinorelbine. Ariel R. Topletz, Jennifer B. Dennison, Robert J. Barbuch, Chad E. Hadden, Stephen D. Hall, and Jamie L. Renbarger .......... 1651

A Systematic Approach to Evaluate Herb-Drug Interaction Mechanisms: Investigation of Milk Thistle Extracts and Eight Isolated Constituents as CYP3A Inhibitors. Scott J. Brantley, Tyler N. Graf, Nicholas H. Oberlies, and Mary F. Paine .. 1662

Formation of Threohydrobupropion from Bupropion Is Dependent on 11β-Hydroxysteroid Dehydrogenase 1. Arne Meyer, Anna Vuorinen, Agnieszka E. Zielinska, Petra Strajhar, Gareth G. Lavery, Daniela Schuster, and Alex Odermatt .......... 1671


The Role of Human Cytochrome P450 Enzymes in the Formation of 2-Hydroxymetronidazole: CYP2A6 is the High Affinity (Low Km) Catalyst. Robin E. Pearce, Michael Cohen-Wolkowiez, Mario R. Sampson, and Gregory L. Kearns ..... 1686

Intestinal First-Pass Metabolism by Cytochrome P450 and Not P-Glycoprotein Is the Major Barrier to Amprenavir Absorption. Matthew B. Dufek, Arlene S. Bridges, and Dhiren R. Thakker .......... 1695

Continued on next page