SHORT COMMUNICATIONS

Delayed Elimination of SN-38 in Cancer Patients with Severe Renal Failure. Ken-ichi Fujita, Yu Sunakawa, Keisuke Miwa, Yuko Akiyama, Minako Sugiyama, Kaori Kawara, Hiroo Ishida, Keishi Yamashita, Keiko Mitsu, Shigehira Saji, Wataru Ichikawa, Wataru Yamamoto, Fumio Nagashima, Toshimichi Miya, Masaru Narabayashi, Yuichi Ando, Takashi Hirose, and Yasutsuma Sasaki... 161

Altered Cytochrome P450 Expression in Mice during Pregnancy. Kwi Hye Koh, Hui Xie, Ai-Ming Yu, and Hyunyoung Jeong.............. 165

Critique of the Two-Fold Measure of Prediction Success for Ratios: Application for the Assessment of Drug-Drug Interactions. Eleanor J. Guest, Leon Aarons, J. Brian Houston, Amin Rostami-Hodjegan, and Aleksandra Galetin............. 170

ARTICLES

Morphine Brain Pharmacokinetics at Very Low Concentrations Studied with Accelerator Mass Spectrometry and Liquid Chromatography-Tandem Mass Spectrometry. Muhammad Waqas Sadiq, Mehran Salehpour, Niklas Forsgard, Göran Possnert, and Margareta Hammarlund-Udenaes... 174

Human CYP2S1 Metabolizes Cyclooxygenase- and Lipoxigenase-Derived Eicosanoids. Peter Bui, Satoshi Imaizumi, Sudheer Reddy Beedanagari, Srinivasa T. Reddy, and Oliver Hankinson... 180

CYP4F Enzymes Are Responsible for the Elimination of Fingolimod (FTY720), a Novel Treatment of Relapsing Multiple Sclerosis. Yi Jin, Markus Zollinger, Hubert Borell, Alfred Zimmerlin, and Christopher J. Patten................. 191

Absorption and Disposition of the Sphingosine 1-Phosphate Receptor Modulator Fingolimod (FTY720) in Healthy Volunteers: A Case of Xenobiotic Biotransformation Following Endogenous Metabolic Pathways. Markus Zollinger, Hans-Peter Gschwind, Yi Jin, Claudia Sayer, Frédéric Zécri, and Stefan Hartmann.................. 199

Glutaredoxin and Thioredoxin Can Be Involved in Producing the Pharmacologically Active Metabolite of a Thienopyridine Antiplatlet Agent, Prasugrel. Katsunobu Hagiwara, Miho Kazui, Atsushi Kurihara, Kazuishi Kubota, and Toshihiko Ikeda.. 208

Disposition and Metabolism of [14C]SB-649868, an Orexin 1 and 2 Receptor Antagonist, in Humans. Cecilia Renculli, Mike Nash, Mark Wright, Steven Thomas, Stefano Zamuner, Marco Pellegrini, Paolo Bettica, and Gary Boyle ...... 215


Influence of Cremophor EL and Genetic Polymorphisms on the Pharmacokinetics of Paclitaxel and Its Metabolites Using a Mechanism-Based Model. Martin N. Fransson, Henrik Gréen, Jan-Eric Lit­ton, and Lena E. Friberg......... 247

Tissue Distribution and Elimination of [14C]Apixaban in Rats. Lifei Wang, Kan He, Brad Maxwell, Scott