SHORT COMMUNICATIONS


The Combination of Chemical and Antibody Inhibitors for Superior P450 3A Inhibition in Reaction Phenotyping Studies. Dan A. Rock, Robert S. Foti, and Josh T. Pearson

Structural Characterization of Novel Adenine Nucleotide Phosphate Conjugates of Imatinib in Incubations with Rat and Human Liver Microsomes. Shuguang Ma, Raju Subramanian, Yang Xu, Michael Schrag, and Magang Shou

Differential Allelic Expression in Leukoblast from Patients with Acute Myeloid Leukemia Suggests Genetic Regulation of CDA, DCK, NT5C2, NT5C3, and TP53. L. P. Jordheim, T. Nguyen-Dumont, X. Thomas, C. Dumontet, and S. V. Tavitian


ARTICLES

CYP2C9-Catalyzed Metabolism of S-Warfarin to 7-Hydroxyswarfarin in Vivo and in Vitro in Chimeric Mice with Humanized Liver. Tae Inoue, Kayoko Nitta, Kazumi Sugihara, Toru Horie, Shigeyuki Kitamura, and Shigeru Ohta

Design, Data Analysis, and Simulation of In Vitro Drug Transport Kinetic Experiments Using a Mechanistic in Vitro Model. Agnès Poirier, Thierry Lavé, Renée Portmann, Marie-Elise Brun, Frank Senner, Manfred Kansy, Hans-Peter Grimm, and Christoph Funk

Quantitative Tissue and Gene-Specific Differences and Developmental Changes in Nat1, Nat2, and Nat3 mRNA Expression in the Rat. David F. Barker, Jason M. Walraven, Elizabeth H. Ristagno, Mark A. Doll, J. Christopher States, and David W. Hein

Systemic Functional Expression of N-Acetyltransferase Polymorphism in the F344 Nat2 Congenic Rat. David W. Heim, Jean Bendaly, Jason R. Neale, and Mark A. Doll


Purification and Characterization of Flavin-Containing Monoxygenase Isoform 3 from Rat Kidney Microsomes. Rachel M. Novick and Adnan A. Elfarra

Metabolism of 5-Isopropyl-6-(5-methyl-1,3,4-oxadiazol-2-yl)-N-(2-methyl-1H-pyrrolo[2,3-b]pyridin-5-yl)pyrrolo[2,1-f][1,2,4]triazin-4-amine (BMS-645737): Identification of an Unusual N-Acetylglucosamine Conjugate in the Cynomolgus Monkey. Benjamin M. Johnson, Amrita V. Kamath, John E. Leet, Xiaohong Liu, Rajeev S. Bhide, Ravindra W. Tejwani, Yueping Zhang, Ligang Qian, Donna D. Wei, Louis J. Lombardo, and Yue-Zhong Shu

CONTENTS

December 2008

Vol. 36, No. 12