CONTENTS

SPECIAL SECTION ON BILE ACIDS, DRUG METABOLISM, AND TOXICITY

Special Section on Bile Acids, Drug Metabolism, and Toxicity—Editorial. Xiao-bo Zhong and Yurong Lai ................................................. 422

Molecular Regulation of Bile Acid Homeostasis. Supratim Choudhuri and Curtis D. Klaassen ............. 425

Environmental Chemical Contribution to the Modulation of Bile Acid Homeostasis and Farnesoid X Receptor Signaling. Rulaiha E. Taylor, Anisha Bhattacharya, and Grace L. Guo ........... 456


Pregnane X Receptor and the Gut-Liver Axis: A Recent Update. Moumita Dutta, Joe Jongpyo Lim, and Julia Yue Cui .................................. 478


The Complicated Role of Nuclear Factor Erythroid-Derived 2-Like 2 in Allergy and Asthma. Cheryl E. Rockwell, Yining Jin, Allison P. Boss, Luca M. Kaiser, and Saamera Awali ......................... 500

Mechanisms by Which Inducers of Drug Metabolizing Enzymes Alter Thyroid Hormones in Rats. Nichole R. Vansell .............................................. 508

ARTICLES


Comprehensive Predictions of Cytochrome P450 (P450)-Mediated In Vivo Cannabinoid-Drug Interactions Based on Reversible and Time-Dependent P450 Inhibition in Human Liver Microsomes. Sumit Bansal, Mary F. Paine, and Jashvant D. Unadkat 351

In Vitro and In Vivo Metabolism of a Novel Antimitochondrial Cancer Metabolism Agent, CPI-613, in Rat and Human. Vijay Bhasker Reddy, Lakmal Boteju, Asela Boteju, Li Shen, Kelem Kassahun, Nageshwar Reddy, Adrian Sheldon, Sanjeev Luther, and Ke Hu .......................... 361