



Current Research in Drug Metabolism and Drug–Drug Interactions (DDIs)

Guest Editor:

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Message from the Guest Editor

Special Issue entitled “Current Research in Drug Metabolism and Drug–Drug Interactions (DDIs)” will consider for publication manuscripts describing the results of original basic and clinical research that contribute significant and novel information on the following topics:

The metabolic studies of important existing drugs or known toxicants that address their potential clinical or translational significance;

Novel in vivo, in vitro, ex vivo, or in silico model systems for drug metabolism and DDIs, such as 3-D culture, stem cells, and liver-on-a-chip systems;

Novel analytical technologies and toolboxes that can be broadly applied to the study of drug metabolism and DDIs;

The mechanistic aspects of drug metabolism and DDIs, including the structural studies of formed (reactive) metabolites, enzymes, and transporters and the biochemical studies of nuclear receptors that regulate drug metabolism;

The impact of drug metabolism on pharmacokinetics, pharmacodynamics, or drug adverse effects, such as DDIs;

The studies of drug metabolism by microbiome or other non-animal species offer new insights into the biological fate of drugs or other xenobiotics in living systems.





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Message from the Editor-in-Chief

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