Special Issue

Applications of Mass Spectrometry in Elucidating Human Drug Metabolism: From the Preclinical Phase to Real-World Studies

Message from the Guest Editor

This Special Issue of *Metabolites* aims to highlight novel fundamental and clinical applications of mass spectrometry in characterizing drug metabolism, from preclinical studies to post-marketing clinical studies. We invite contributions across a broad range of topics, including (pharma) cometabolomics, toxicokinetics, pharmacophenotyping, and integrative research focused on mapping and understanding inter-individual variability in pharmacokinetics and drug response. Studies leveraging cutting-edge analytical platforms to investigate metabolic pathways, describe understudied xenobiotic conversion reactions, and improve therapeutic outcomes are particularly welcome.

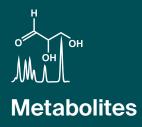
Guest Editor

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

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