

Special Issue

Computational Metabolomics

Message from the Guest Editor

Over the years, numerous studies have demonstrated the application of metabolomics for systems biology, biomarker discovery, precision medicine, and for assessing the impact of environmental exposures on human health. This special issue of “Computational Metabolomics” will be dedicated to review the advancements in the application of chemometrics, bioinformatics, and data science techniques for metabolomics data processing, annotation, pathway and network analysis, biomarker discovery, and integration of metabolomics data with other omics, experimental, and biomedical data. Articles focused on the current challenges and recommendations related to metabolomics/lipidomics data analysis, as well as on enhancing reproducibility and harmonization, are also highly desired.

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).