

Special Issue

Metabolic Signatures in Human Health and Disease

Message from the Guest Editor

Metabolomics is a significant branch of systems biology, which monitors perturbations in small-molecule substrates (amino acids, lipids, lipoproteins, nucleotides, sugars, etc.) and products of metabolic reactions. It is a valuable tool for disease diagnosis and monitoring, drug discovery, toxicology, personalized medicine, and dietary intervention studies. This Special Issue aims to use metabolomic approaches that contribute to a better understanding of metabolism in health and perturbations that occur with disease. This will aid in defining metabolic signatures, both in healthy and disease states, in order to improve disease diagnosis and prognosis. Any submissions related to these topics are encouraged, and reviews and original articles involving human, animal, or cell models will be considered. I look forward to receiving your contributions.

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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).