Special Issue

Advances in Metabolomics and Multi-Omics Integration

Message from the Guest Editor

We are pleased to announce the launch of this Special Issue of *Metabolites*. This Special Issue aims to report the cutting-edge advancements and methodologies in metabolomics, and its integration with various omics data, including the genome, transcriptome, proteome, epigenome and microbiome. In this Special Issue, we seek to highlight research that not only advances the science of metabolomics, but also demonstrates innovative strategies for the integration of multiple omics datasets. We invite submissions that cover a range of topics, including, but not limited to, the following:

- Novel methodologies for metabolomic data acquisition and analysis;
- Integration techniques for multi-omics data to uncover new insights into cellular and systemic metabolism;
- Applications of metabolomics and multi-omics in disease diagnosis, prognosis and therapeutics;
- Case studies demonstrating the utility of metabolomics in conjunction with other omics technologies.

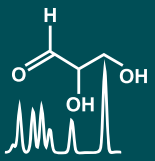
We look forward to your submissions that contribute to this cutting-edge forum on metabolomics and multi-omics research.

Guest Editor

Dr. Kurt K. Zhang
Institute of Bioscience and Technology, Texas A&M University, Houston, TX 77030, USA

Deadline for manuscript submissions

closed (31 March 2026)



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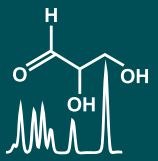

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About the Journal

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

Dr. Amedeo Lonardo
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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Journal Rank:

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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).

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