

Special Issue

Nutritional Intervention and Metabolic Health

Message from the Guest Editors

This Special Issue, “*Nutritional Intervention and Metabolic Health*”, aims to explore the complex interactions between nutrition and metabolism. By leveraging multi-omics approaches, we seek to illuminate how nutrients, dietary active compounds, and dietary patterns influence gene expression, protein activity, and metabolite profiles, offering new insights into key metabolic pathways. This system-level understanding can refine dietary recommendations and therapeutic strategies, advancing the field of personalized nutrition. We invite original research and reviews that apply multi-omics to investigate the effects of nutrition on metabolic health, especially those focusing on personalized nutrition, nutrient-sensing pathways, and the gut microbiome’s role in mediating dietary effects.

Guest Editors

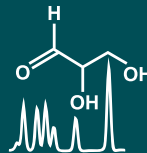
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Deadline for manuscript submissions

closed (31 March 2026)



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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 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).