

Special Issue

Nutritional Intervention and Metabolic Health: Multi-Omics Insights

Message from the Guest Editors

This Special Issue, “*Nutritional Intervention and Metabolic Health: Multi-Omics Insights*”, 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

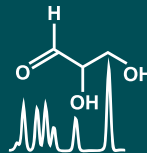
Dr. Qingqing Mao

Dr. Yuyin Zhou

Dr. Hongming Su

Deadline for manuscript submissions

31 March 2026



Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed

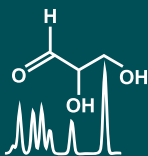


mdpi.com/si/221650

Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

[mdpi.com/journal/
metabolites](https://mdpi.com/journal/metabolites)





Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



[mdpi.com/journal/
metabolites](https://mdpi.com/journal/metabolites)



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

Rapid Publication:

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).