Special Issue

Metabolomics Techniques in Nutrition and Pharmacy Research

Message from the Guest Editor

Metabolomics, as a comprehensive tool for studying small molecules in biological systems, is revolutionizing research in nutrition and pharmacy. This Special Issue seeks to showcase innovative methodologies and applications that enhance our understanding of metabolism's role in health, disease, and therapeutic development. This includes, but is not limited to, advancements in mass spectrometry, NMR spectroscopy, data analysis techniques, and integrated omics approaches for studying metabolic pathways. Submissions are invited that explore how metabolomics can unravel the molecular underpinnings of nutrition and drug interactions, improve precision nutrition strategies, and aid in developing precision medicine. We aim to highlight the transformative potential of metabolomics in advancing personalized nutrition and medicine. By bridging gaps between nutrition science, pharmacology, and clinical research, it seeks to provide a platform for novel insights and interdisciplinary collaborations. We encourage contributions that demonstrate the utility of metabolomics in addressing pressing health challenges and in driving innovation in therapeutic and dietary strategies.

Guest Editor

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Deadline for manuscript submissions

30 April 2026

Metabolites

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed

mdpi.com/si/223131

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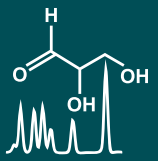

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About the Journal

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

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