

## Special Issue

# Metabolomics in Clinical Research: Advancing Precision Medicine Through the Analysis of Biological Samples

### Message from the Guest Editor

The objective of this Special Issue is to present metabolomics studies that advance the frontiers of clinical research, with a particular focus on the early diagnosis, monitoring, and prediction of therapeutic responses. We welcome submissions on a range of topics, including but not limited to metabolic profiling for biomarker discovery, integration of multi-omics data, innovative data processing methods, and validation of metabolic markers in clinical cohorts. Submissions focusing on the application of metabolomics to specific diseases, such as cancer, cardiovascular diseases, neurodegenerative diseases, and metabolic syndrome, are strongly encouraged. In addition, contributions using advanced tools and techniques for sample analysis are welcomed.

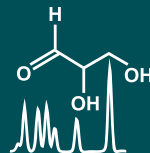
### Guest Editor

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### Deadline for manuscript submissions

30 September 2025



## Metabolites

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Impact Factor 3.7  
CiteScore 6.9  
Indexed in PubMed



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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.

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### Editor-in-Chief

Dr. Amedeo Lonardo

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