

# Special Issue

## New Technology and Workflows for Advancing Metabolomics

### Message from the Guest Editor

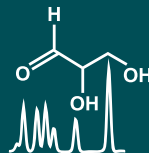
This Special Issue of *Metabolites* welcomes the submission of original research articles or review papers that focus on the advancement of technology and/or workflows involving metabolomics. Mass spectrometry and NMR have long been associated with metabolomic profiling, providing a means of identifying and quantifying metabolites. As technologies evolve, they allow researchers to delve deeper into the metabolome, helping to provide insights that advance our understanding of metabolic disease, patient stratification and the development of therapeutics. The enhancement of analytical technologies provides a wealth of data, which also requires more sophisticated informatics to deconvolve and identify metabolites of interest. Combining these analytical approaches, whether discovery or targeted, with complex informatics workflows enables the review and interrogation of data whilst providing answers to complex biological questions. This Special Issue aims to highlight the latest generation of analytical technologies (mass spectrometry and NMR for example), as well as present informatic-based workflows for discovery (untargeted) and targeted metabolomics.

### Guest Editor

Dr. Lee Andrew Gethings  
Waters Corporation, Wilmslow SK9 4AX, UK

### Deadline for manuscript submissions

31 August 2025



## Metabolites

an Open Access Journal  
by MDPI

Impact Factor 3.7  
CiteScore 6.9  
Indexed in PubMed



[mdpi.com/si/232707](https://mdpi.com/si/232707)

*Metabolites*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[metabolites@mdpi.com](mailto: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).