

## Special Issue

# Metabolomics–Integration of Technology and Bioinformatics

### Message from the Guest Editors

Metabolomics, by its very nature, is a complex multifaceted discipline. Compounding this complexity has been the dramatic rise in the number of researchers and groups approaching metabolomic technologies with their own unique perspectives, as well as the interest to answer their specific questions or explore their special hypotheses. This increase in population and diversity has prompted an increase in the publications of new methods and software tools. In this Special Issue of *Metabolites*, we invite authors to demonstrate their tools and explore the integration of other tools with their technology developments. It is well known that some of the best software integrates many aspects of technology into its design and interface. We feel that this is a feature of some of the most interesting areas of development, and invite developers and users to exhibit these multifaceted developments. We hope to explore a range of different metabolomic technologies in LC–MS, alternative ionization sources, MALDI, and SIMS. Tools that cover later aspects of processing, such as machine learning, but include latent effects of these technology within the model or processing are also encouraged.

### Guest Editors

Dr. H. Paul Benton

Scripps Center for Metabolomics, Scripps Research, 10550 North Torrey Pines, La Jolla, CA 92037, USA

Dr. Michael E. Kurczyk

DMPK, Research and Early Development, Cardiovascular, Renal and Metabolism, BioPharmaceuticals R&D, AstraZeneca, Gothenburg, Sweden

### Deadline for manuscript submissions

closed (31 October 2020)



## Metabolites

an Open Access Journal  
by MDPI

Impact Factor 3.7  
CiteScore 6.9  
Indexed in PubMed



[mdpi.com/si/36324](https://mdpi.com/si/36324)

*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).