

Special Issue

Lipidomics Volume 2

Message from the Guest Editor

Lipidomics, the comprehensive analysis of the lipid composition in a cell or tissue, has been driven by advances in analytical capabilities. Contemporary instrumentation demonstrates ever-increasing sensitivity and resolution necessary for analysis of lipids in complex biological samples. Nevertheless, techniques complementary to mass spectrometry are highly valuable and have a role to play in lipid analysis. Furthermore, the ever-increasing complexity of data generated during lipidome analysis has required the development of novel tools for data analysis and feature mining in such datasets. This Special Issue of *Metabolites* will be dedicated to the development of novel methods to characterize lipid structure, high-throughput lipidomics, characterization of lipid-protein interactions, clinical applications of lipidomics, and bioinformatic tools for analyzing large lipidomic datasets.

Keywords:

- lipidomics
- lipid metabolism
- lipid profiling
- global profiling of lipids
- metabolic phenotype

Guest Editor

Dr. Simon H. J. Brown

School of Biological Sciences, Illawarra Health and Medical Research Institute, University of Wollongong, Wollongong, NSW 2522, Australia

Deadline for manuscript submissions

closed (31 May 2018)



Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



mdpi.com/si/10052

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 16.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).