

Special Issue

Expanding Boundaries in Spatial Lipidomics: Advances in Mass Spectrometry Imaging

Message from the Guest Editors

Lipidomics is experiencing rapid advancements, particularly through the progress of mass spectrometry imaging techniques. These innovations are transforming our understanding of lipid distribution, dynamics, and function in various biological systems.

We invite contributions that exhibit recent methodological advances, technical improvements, and novel applications of mass spectrometry imaging in lipidomics. Topics of interest include new imaging techniques, innovations in sample preparation and data analysis, and integrative approaches combining mass spectrometry imaging with other omics technologies.

We welcome case studies in clinical, environmental, and biological research and encourage advancements in computational tools and algorithms for lipidomics imaging data analysis. We look forward to your contributions and the exciting discoveries that will shape the future of spatial lipidomics.

Guest Editors

Dr. Vanna Denti

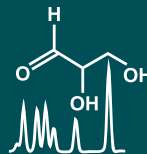
School of Medicine and Surgery, University of Milano-Bicocca, 20900 Monza, Italy

Dr. Simone Serrao

School of Medicine and Surgery, University of Milano-Bicocca, 20900 Monza, Italy

Deadline for manuscript submissions

closed (10 March 2025)



Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



mdpi.com/si/206493

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).