



an Open Access Journal by MDPI

## Mass Spectrometry Imaging and Spatial Metabolomics

Guest Editors:

### Dr. Zhonghua Wang

Key Laboratory of Mass Spectrometry Imaging and Metabolomics, Minzu University of China, Beijing, China

### Dr. Chenglong Sun

Shandong Analysis and Test Center, Qilu University of Technology (Shandong Academy of Sciences), Jinan, China

Deadline for manuscript submissions:

**28 April 2025**

### Message from the Guest Editors

Dear Colleagues,

Mass spectrometry imaging (MSI) combined with spatial metabolomics has emerged as a powerful tool for understanding the spatial distribution of metabolites in various biological contexts. This Special Issue aims to showcase cutting-edge research and advancements in MSI and spatial metabolomics, highlighting their applications in disease diagnostics, drug development, and biomarker discovery. We invite contributions that explore novel methodologies, technical improvements, and interdisciplinary approaches that push the boundaries of these technologies.

Dr. Zhonghua Wang

Dr. Chenglong Sun

*Guest Editors*



[mdpi.com/si/212701](https://mdpi.com/si/212701)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy  
2. Formerly Professor of Internal Medicine, School of Specialization of Allergology and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**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*)

## Contact Us

*Metabolites* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/metabolites](http://mdpi.com/journal/metabolites)  
[metabolites@mdpi.com](mailto:metabolites@mdpi.com)  
[X@MetabolitesMDPI](https://twitter.com/MetabolitesMDPI)