

## Advanced Metabolic Profiling via Gas Chromatography–Mass Spectrometry and Liquid Chromatography–Mass Spectrometry

Guest Editor:

**Dr. Ana Margarida Araújo**

Laboratory of Bromatology and  
Hydrology, Faculty of Pharmacy,  
University of Porto, Rua Jorge  
Viterbo Ferreira 228, 4050-313  
Porto, Portugal

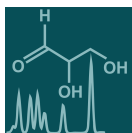
Deadline for manuscript  
submissions:

**30 September 2024**

### Message from the Guest Editor

In the intricate world of metabolic research, the techniques of Gas Chromatography–Mass Spectrometry (GC–MS) and Liquid Chromatography–Mass Spectrometry (LC–MS) have proven to be more than analytical tools; they are pivotal catalysts in our quest to decode the complex narrative of biological systems. This Special Issue, "Advanced Metabolic Profiling via Gas Chromatography–Mass Spectrometry and Liquid Chromatography–Mass Spectrometry", seeks to spotlight the transformative impact these methodologies have on our ability to advance our understanding of metabolic pathways and their multifaceted implications.





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 Allergy 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, CAPUS / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Biochemistry & Molecular Biology*) / CiteScore - Q2 (*Endocrinology, Diabetes and Metabolism*)

## Contact Us

*Metabolites* Editorial Office  
MDPI, St. Alban-Anlage 66  
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