

## Special Issue

# Mass Spectrometric Proteomics 3.0

### Message from the Guest Editor

Understanding how proteins function and interact with one another is another goal of proteomics that makes this approach even more intriguing. Because of their ability to handle the complexity of the events mentioned above, mass spectrometry (MS)-based methods have become the primary technology to identify proteins that may be separated by one- and two-dimensional gel electrophoresis (1- and 2-DE) and/or via liquid chromatographic techniques (1- and 2D-LC). Currently, proteomics relies mainly on MS, and the numerous applications thus far described have contributed heavily to providing new insights into the roles played by some proteins in human disorders.

The aim of this Special Issue is to attract contributions on all aspects of MS-based proteomics, with special emphasis on recent/novel technologies that, by pushing the boundaries of MS capabilities, are able to address biological problems that have not yet been resolved.

---

### Guest Editor

Prof. Dr. Paolo Iadarola

Department of Biology and Biotechnology "L. Spallanzani", Università degli Studi di Pavia, Pavia, Italy

---

### Deadline for manuscript submissions

closed (20 January 2025)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/183545](https://mdpi.com/si/183545)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/journal/  
ijms](https://mdpi.com/journal/ijms)



## About the Journal

### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

---

### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

---

### 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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore  
- Q1 (Organic Chemistry)