

## Special Issue

# Advances in Proteomics in Cancer

### Message from the Guest Editor

Proteomics studies have become an important technique applied to cancer research by providing information on protein identity, expression levels, and the description of post-translational modifications. This information plays a significant role in identifying biomarkers and therapeutic targets, and it may help to unravel key information on tumor growth and metastasis. Therefore, proteomics is crucial in the generation of datasets of potential diagnostic, prognostic, and therapeutic significance in human cancer. Additionally, the integration of proteomics studies with other omics has provided extensive data on molecular mechanisms and target modulators. These data can be analyzed using bioinformatic pipelines to obtain useful information. This Special Issue aims to highlight recent cutting-edge research in proteomic techniques applied to cancer research.

---

### Guest Editor

Dr. Leo Kei Iwai

Laboratory of Applied Toxinology, Center of Toxins, Immune-Response and Cell Signaling LETA/CeTICS, Butantan Institute, São Paulo, Brazil

---

### Deadline for manuscript submissions

closed (20 June 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/192874](https://mdpi.com/si/192874)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
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)* 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, and molecular biophysics. *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. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

---

### 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, CAPus / SciFinder, and other databases.

#### Journal Rank:

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