

## Special Issue

# Molecular Mechanisms and Therapies of Malignant Mesothelioma 2.0

### Message from the Guest Editor

Malignant mesothelioma (MM) is a rare and aggressive neoplasm related to exposure to asbestos with high impact in public health given its late diagnosis, dismal prognosis, and lack of current efficient therapies. Important insights have recently been made in the understanding of MM's complex biology and the cancer development process. Examples of these include the identification of new biomarkers and the deciphering of gene–environment interactions, deregulated pathways, altered expression of miRNAs, differences in DNA methylation, proteomic composition or metabolic profile, but have not been established in clinical routine use yet. Given these improvements, new risk assessment procedures and therapeutic strategies are being explored in order to 1) introducing interaction between genetic and epigenetic related variables (as for example bio aging indicators) to better characterize the MM pathway, 2) evaluate new statistical/ML approaches in order to investigate integromic approaches including more than one omics dataset simultaneously.

### Guest Editor

Dr. Giovanni Cugliari

Department of Medical Sciences, University of Turin, 10126 Turin, Italy

### Deadline for manuscript submissions

closed (31 July 2024)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



[mdpi.com/si/159934](https://mdpi.com/si/159934)

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

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

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





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



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

[ijms](https://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 (Inorganic Chemistry)