

## Special Issue

# Recent Advances in Immuno-Oncology and Intercellular Communication

### Message from the Guest Editors

For this Special Issue of the *International Journal of Molecular Sciences*, we invite you to contribute either an original research article or a review article on any aspect of the subject of “Recent Advances in Immuno-Oncology and Intercellular Communication”.

Understanding the basic mechanisms of tumorigenesis, role of the immune system, and intercellular communication in cancer is pivotal for the development of novel therapeutics. Potential topics include but are not limited to:

- Key biological processes such as cell metabolism and signaling pathways;
- Molecular mechanisms underlying cancer progression;
- Crosstalk between tumor and immune cells;
- Cancer biomarkers: screening, diagnosis, treatment response, prognosis;
- Cancer cell invasion and metastasis;
- Intercellular communication in the tumor microenvironment;
- Communication between adjacent cells through tunneling nanotubes (TNT), extracellular vesicles or soluble factors;
- Advances in cancer immunotherapy;
- Translational cancer research;
- EVs as a therapeutic tool.

### Guest Editors

Dr. Marina Gomzikova

Prof. Dr. Hans-Uwe Simon

Prof. Dr. Albert Rizvanov

### Deadline for manuscript submissions

closed (31 October 2023)



## International Journal of Molecular Sciences

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/121613](https://mdpi.com/si/121613)

*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)