

# Special Issue

## Tumor-Host Interactions

### Message from the Guest Editors

The scientific focus of this special issue is on tumor-host interactions that may impact on tumor initiation and progression, including therapeutic responses and (acquired) drug resistance. This issue will therefore also welcome submissions that combine empiric biomolecular research with pre-clinical studies and clinical investigations. The central topics should centre on the tumour microenvironment (TME), and the extracellular matrix (ECM). In particular, contributions are invited that investigate tumor/stroma interactions, such the molecular cross-talk between tumor cells and stromal components (cancer-associated fibroblasts or CAFs), infiltrating immune cells (immuno-oncology), adipocytes, blood vessels or endothelial cells (angiogenesis and lymph-angiogenesis). It will also be of specific interest how cell-cell-interactions within the TME contribute to tumor cell dormancy, survival of cancer stem cells (CSCs) and defining site-specific stem cell niches.

---

### Guest Editors

Dr. Matthias Nees

1. Department of Biochemistry and Molecular Biology, Medical University of Lublin, 20-093 Lublin, Poland

2. FICAN West Cancer Centre, Institute of Biomedicine, University of Turku, 20520 Turku, Finland

Dr. Adolfo Rivero-Müller

Department of Biochemistry and Molecular Biology, Medical University of Lublin, 20-093 Lublin, Poland

---

### Deadline for manuscript submissions

closed (31 October 2022)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/94197](https://mdpi.com/si/94197)

*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)* 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)