

## Special Issue

# Tumor Microenvironment and Immune Response in Breast Cancer

### Message from the Guest Editors

This Special Issue will highlight studies on how the interactions between cancer cells and their microenvironment regulate the immune response and contribute to breast cancer development, progression, and metastasis. We invite researchers to submit high-quality original research papers and comprehensive reviews on topics that include but are not limited to the following:

- Identification of novel immune modulators in breast cancer;
- Mechanisms of immune suppression in breast tumors;
- The role of the breast tumor microenvironment in regulating immune cell activation and phenotype;
- Novel models and experimental approaches to study the immune response in breast tumors;
- Delineating heterotypic signaling pathways between breast cancer and stromal cells;
- Immune escape, dormancy, and tolerance in breast tumors;
- Development of novel immune-based therapeutic and preventive strategies for breast cancer.

### Guest Editors

Prof. Dr. Steven R. Post

Dr. Behjatolah Monzavi-Karbassi

Prof. Dr. Thomas J. Kelly

### Deadline for manuscript submissions

closed (31 July 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/136965](https://mdpi.com/si/136965)

*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)