

## Special Issue

# Adhesion, Invasion, and Metastasis in Cancer Progression

### Message from the Guest Editor

Metastasis is the leading cause of cancer-related mortality and remains a significant challenge in clinical oncology. The process involves a cascade of events including cell adhesion, extracellular matrix remodelling, invasion, intravasation, and colonization of distant tissues. While significant advances have been made in understanding the genetic and molecular basis of tumour progression, the mechanisms underlying metastatic spread, particularly those linked to cellular adhesion and invasion, remain incompletely understood. This Special Issue aims to highlight recent advances in the molecular and cellular mechanisms driving cancer cell adhesion, invasion, and metastasis. We invite original research articles, reviews, and short communications that address key regulators of metastatic progression, including noncoding RNAs, epithelial–mesenchymal transition (EMT), Wnt signalling, tumour microenvironment and novel therapeutic approaches targeting metastatic niches. We especially welcome studies that combine molecular biology with translational or clinical insights, as well as bioinformatics analyses that uncover new biomarkers or predictive models for metastatic disease.

### Guest Editor

Dr. Pinar Uysal-Onganer

Cancer Research Group, School of Life Sciences, College of Liberal Arts & Sciences, University of Westminster, London, UK

### Deadline for manuscript submissions

20 July 2026



## International Journal of Molecular Sciences

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/243369](https://mdpi.com/si/243369)

*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)