

## Special Issue

# Epithelial-Mesenchymal Transition (EMT)

### Message from the Guest Editors

The Epithelial-Mesenchymal transition (EMT), a biological process that allows an epithelial cell to assume a mesenchymal phenotype, including enhanced migratory capacity, invasiveness, elevated resistance to apoptosis, stem-like features, and increased production of ECM components, occur during specific steps of embryogenesis and organ development leading to final differentiation. Due to its plasticity and reversibility, terminally differentiated epithelium can transdifferentiate and change its phenotype through EMT. This process can be activated in pathological situation, such as tissue injury and repair or neoplastic transformation and be initiated by different molecular processes. Deep knowledge of these aspects will help to design potential therapeutic approaches that could exploit the plasticity of this process to reverse the metastatic phenotype of many cancers. Papers related to any aspect of EMT will be considered for this Special issue. Prof. Dr. Guidalberto Manfioletti

---

### Guest Editors

Prof. Dr. Monica Fedele

CNR—Institute of Experimental Endocrinology and Oncology, 80131 Naples, Italy

Prof. Dr. Manfioletti Guidalberto

Department of Life Sciences, University of Trieste, 34127 Trieste, Italy

---

### Deadline for manuscript submissions

closed (31 March 2019)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



[mdpi.com/si/13092](https://mdpi.com/si/13092)

*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)