

## Special Issue

# MicroRNA Dysregulation in Tumor Occurrence, Progression and Response to Therapy

### Message from the Guest Editor

The aberrant deregulation of microRNAs is currently a well-recognized hallmark of human cancer. These small non-coding RNA molecules are functionally involved in different steps of the carcinogenesis process, from occurrence to progression and metastasis. Moreover, they have been related to different sensitivities to a wide range of anti-cancer therapies, from chemotherapeutic compounds to targeted therapies. The topic of this Special Issue can include different aspects of miRNA deregulation in tumors, ranging from basic to more applicative studies:

- microRNAs are functionally involved in tumor occurrence/progression;
- microRNAs are functionally involved in the response to anti-cancer therapies;
- tissue or circulating microRNA deregulation as biomarkers;
- microRNA modulation as a therapeutic tool.

### Guest Editor

Dr. Marilena V. Iorio

Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy

### Deadline for manuscript submissions

closed (31 October 2019)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/18499](https://mdpi.com/si/18499)

*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)