



## miRNAs in Carcinogenesis of Solid and Hematological Malignancies

Guest Editor:

**Prof. Dr. Giuseppe Murdaca**

Head of Allergology and Clinical Immunology Unit, Department of Internal Medicine, University of Genoa and San Bartolomeo Hospital, Sarzana, Italy

Deadline for manuscript  
submissions:

**30 June 2024**

### Message from the Guest Editor

Dear Colleagues,

The increased incidence of solid and hematological malignancies places heightened emphasis on the genetic and epigenetic factors that play a greater role in the etiopathogenesis of individual malignancies and the intricate relationship between individual risk factors. Several risk factors including obesity, alcohol abuse, viral infections (i.e., papillomavirus, Epstein Barr virus), and the use of steroid hormones (i.e., androgens, estrogens) are now widely known to be related to the occurrence of specific malignancies. MicroRNAs (miRNAs) are small, noncoding molecules of approximately twenty-two nucleotides with crucial roles in both healthy and pathological cells. Their expression depends not only on genetic factors, but also on epigenetic mechanisms. miRNAs are related to the development of pathologies, including neoplastic ones. Given these premises, this Special Issue aims to associate miRNAs and other risk factors in the carcinogenesis of solid and hematological malignancies.





an Open Access Journal by MDPI

## 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

## 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.

## 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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI