

## Special Issue

# Advances in Molecular Studies of Solid Tumors

### Message from the Guest Editor

Cancer must be considered a genetic disease and the accumulation of molecular alterations in the genome of somatic cells is a prerequisite for cancer progression. New discoveries and insights are transforming the field of oncology at multiple levels, and at an increasing speed. For instance, the genomic maps are redesigning the tumour taxonomy by moving it from a histological to a molecular-based level. Tumour genotyping is thus increasingly assisting clinicians to individualize treatments by matching patients with the best treatment for their tumours. Furthermore, the success of cancer drugs designed to target the molecular alterations underlying tumorigenesis has proven that somatic genetic alterations are valid targets for therapy. In this issue, we will focus on central aspects of clinical tumour progression as well as relating the tumour to its global environment of the organism by addressing essential molecular aspects of cancer development.

### Guest Editor

Dr. Rune Smaaland

Mosaic Oncology, Vestre Svanholmen 14, 4313 Sandnes, Norway

### Deadline for manuscript submissions

closed (15 November 2022)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/78744](https://mdpi.com/si/78744)

*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)