

Special Issue

Translational Oncology: From Molecular Basis to Therapy

Message from the Guest Editors

The field of Translational Oncology is rapidly expanding owing to the increasing availability of molecular targets in tumors and targeted compounds. With the merging of multi-omics, including genomics, proteomics, metabolomics, and glycomics, we are gaining a deeper understanding of the adaptive dynamics of tumors, beyond what single genomics can offer. Additionally, novel models such as 3D growing spheroids, organoids, and microfluidic-based cultures are now available, and these are of higher clinical relevance. It is crucial that we obtain a comprehensive understanding of tumor biology that encompasses all of these aspects to fully comprehend the complexity of cancer. This understanding is of the utmost priority and promises to provide novel tools that attenuate cancer progression and resistance to therapy. We kindly invite you to join us in discussing all of these important aspects of this topic.

Guest Editors

Dr. Mario Cioce

Department of Medicine, University Campus Bio-Medico of Rome, Rome, Italy

Dr. Gatti Veronica

Department of Medicine, University Campus Bio-Medico of Rome, Rome, Italy

Deadline for manuscript submissions

closed (30 November 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/204534

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)* 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, and molecular biophysics. *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. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)