

Special Issue

New Targeted Therapies in Cancer-2024

Message from the Guest Editor

Different molecular targets have been explored, such as growth factors, cell surface molecules and receptors, but also non-coding RNAs and entire signaling pathways. Molecules targeting BCR-ABL, BRAF, MEK, EGFR, ALK are few examples of targeted therapies that showed important results in cancer patients. However, depending the effectiveness on the presence of the altered target, the number of patients taking advantage from these treatments is limited. In addition, low response and resistance to targeted drugs have been documented, together with unexpected side effects. Just few molecules among hundreds of potential drug candidates reach the market, therefore further investigation is warranted.

Nowadays, the huge progresses of technological tools allow a deep investigation of tumor heterogeneity and clonality, essential in determining the success of targeted therapies. This Special Issue is aimed to highlight recent discoveries in the field of New Targeted Therapies in Cancer, concerning different kind of molecules, alternative therapeutic strategies and novel targets.

Guest Editor

Dr. Rosaria Chilà
IFOM ETS—The AIRC Institute of Molecular Oncology, 20139 Milan, Italy

Deadline for manuscript submissions

closed (30 April 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/147994

*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)