

Special Issue

Targeted Therapies and Molecular Methods in Cancer

Message from the Guest Editors

This Special Issue of *IJMS* will examine targeted strategies for dealing with cancer. We welcome articles on new, targeted anticancer methods, new ways for delivering drugs, and entirely new approaches, including, but not limited to: immunotherapy; new aspects of radiotherapy; methods to facilitate drug delivery, such as pulsed electric fields (PEF), sonoporation, magnetic fields (MF), nanotechnology, and nanocarriers; and gene electrotransfer using PEF. Targeted anticancer methods can focus on membrane proteins and ion channels alternations, targets can be specific surface receptors (ER—estrogen receptors, FAR—folic acid receptors, HAR—hyaluronic acid receptors) or cancer biomarkers. Research targeting drug resistance (MDR), aimed at bypassing or modifying the activity of drug transporters, i.e., MDR1/P-gp, MRP1, BCRP, and LRP, etc., will be of interest. We are interested in new and more effective protocols, which could be developed and find potential applications in pharmacy and medical sciences. This Special Issue will cover the latest research concerning targeted therapies and molecular methods against cancer.

Guest Editors

Dr. Julita Kulbacka

Department of Molecular and Cellular Biology, Wrocław Medical University, 50-367 Wrocław, Poland

Dr. Claudia Muratori

Frank Reidy Research Center for Bioelectronics, Old Dominion University, 4211 Monarch Way, Norfolk, VA 23508, USA

Deadline for manuscript submissions

closed (31 March 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/112427

*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*, 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)