

Special Issue

Novel Insights into Monoclonal Antibodies in Disease

Message from the Guest Editor

Dear colleagues, monoclonal antibodies have revolutionized the treatment landscape of hematological diseases. Emerging research has shed light on the potential of combining monoclonal antibodies with other treatment modalities such as immune checkpoint inhibitors, CAR-T cell therapy and small-molecule inhibitors to enhance efficacy and overcome resistance mechanisms. Moreover, the advent of antibody–drug conjugates (ADCs) has expanded the therapeutic arsenal by enabling targeted delivery of cytotoxic agents specifically to malignant cells, minimizing off-target effects. Additionally, recent discoveries in immunogenetics and tumor microenvironment biology have elucidated new antigenic targets and mechanisms of immune evasion, paving the way for the development of next-generation monoclonal antibodies with enhanced specificity and potency. These insights underscore the dynamic landscape of monoclonal antibody research in hematological diseases. This Special Issue will provide new insights into monoclonal antibodies. The Special Issue is supervised by and assisted by our Topical Advisory Panel Member Dr. Christos Varelas (from G. Papanicolaou Hospital).

Guest Editor

Dr. Eleni Gavrilaki

Second Propedeutic Department of Internal Medicine, Hippocraton Hospital, Aristotle University of Thessaloniki, 54642 Thessaloniki, Greece

Deadline for manuscript submissions

closed (30 September 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/200781

*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)