

Special Issue

Molecular Biology and Immunological Advances in Hematological Malignancies

Message from the Guest Editor

The landscape of immunotherapy for the treatment of hematologic malignancies (HMs) has become increasingly popular in light of new modalities. Some HMs can escape T-cell-mediated cellular cytotoxicity by exploiting the inhibitory programmed cell-death protein 1 (PD-1)/programmed cell-death protein 1 ligand 1 (PD-L1) immune checkpoint. Therapeutic antibodies that block the PD-1-PD-L1 axis or other types of checkpoint inhibitors induce durable clinical responses against a growing list of various HMs. Chimeric antigen receptor (CAR) T cells, bispecific T-cell engagers (BiTEs), and antibody-drug conjugates (ADCs) are also promising candidates. In this Special Issue, we wish to display the most recent advances in novel immunotherapy in translational research and the molecular therapy of HMs.

Guest Editor

Dr. Yosuke Minami

National Cancer Center Hospital East, Kashiwa 277-8577, Chiba, Japan

Deadline for manuscript submissions

closed (28 February 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/113042

*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)