

Special Issue

Recent Advances in Antibody Therapeutics 2.0

Message from the Guest Editor

Antibody-based therapeutics have achieved unprecedented success for the treatment of various diseases including cancer, immune disorders, and infectious diseases. The recent success in immune checkpoint inhibitors and chimeric antigen receptor T cells (CAR-T) has provided a major breakthrough in cancer immunotherapy. Therapeutic antibodies are also expected to play a role in the prevention and treatment of the coronavirus pandemic (COVID-19).

Currently, a major area of antibody research and development includes the discovery of novel targets and novel antibodies, gradual improvements in the characteristics of the existing antibodies, combining antibodies such as bispecific antibodies, antibody–drug conjugates (ADC), CAR-T cells, bispecific T-cell engagers (BiTE), and developing novel antibody-based scaffolds with superior properties to those already in use.

This Special Issue will cover all aspects of the role and mechanism of antibody-based therapeutics in disease treatment, recent advances in antibody engineering, and noteworthy antibody-based products under investigation for treating various diseases. Original papers and review articles are welcomed.

Guest Editor

Prof. Dr. Yong-Seok Heo

Department of Chemistry, Konkuk University, Seoul 05029, Republic of Korea

Deadline for manuscript submissions

closed (31 May 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/90966

*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)