

Special Issue

Metal Nanoparticles: Current Advances in Design and Development for Antineoplastic Applications

Message from the Guest Editors

The rapidly developing field of nanotechnology offers new possibilities for medical uses. Metal nanoparticles exhibit intrinsic cytotoxicity, are ideal tools for drug delivery, radio- and chemosensitization, and could therefore be exploited upon targeted elimination of malignant cells. Although many of the cellular and molecular changes induced by metal-based nanoparticles have been identified, a complete understanding of how the properties of nanoparticles influence interactions with living systems awaits further studies.

This Special Issue is aimed at providing an insight into the latest advances in the field of nanomedicine, with emphasis on the benefits, limitations, and future directions of utilizing metal nanoparticles in oncotherapy. We encourage researchers to share their views and news on these exciting topics. Original research papers and review articles are warmly welcomed.

Guest Editors

Dr. Mónika Kiricsi

Department of Biochemistry and Molecular Biology, Doctoral School of Biology, University of Szeged, Szeged, Hungary

Prof. Dr. Imre Miklós Boros

Department of Biochemistry and Molecular Biology, Faculty of Science and Informatics, University of Szeged, Hungary

Deadline for manuscript submissions

closed (31 January 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/65324

*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)