

Special Issue

Precious Metals in Nanomedicine: Assessing the True Value of Gold and Silver

Message from the Guest Editors

Nanotechnology is a blooming field that facilitates the generation of nanomaterials and nanodevices for various applications in medicine, biotechnology, industry, chemistry, engineering and other fields. In particular, nanomaterials such as gold and silver are predominantly used in diagnosis and imaging in order to treat various diseases including infectious diseases and cancer, due to their high surface area, biocompatibility, stability, easy tailorability, surface plasmon resonance and multifunctional properties. Gold and silver are the most promising elements and can inhibit infectious microorganisms, and this effect can be enhanced further upon transformation. In addition, compared to the traditional anti-cancer drugs, gold and silver nanomaterials enable a targeted approach that prevents undesirable effects.

Guest Editors

Prof. Dr. Periasamy Anbu

Department of Biological Engineering, Inha University, Incheon, Korea

Dr. Subash C B Gopinath

Faculty of Chemical Engineering & Technology and Institute of Nano Electronic Engineering, Universiti Malaysia Perlis, Perlis, Malaysia

Deadline for manuscript submissions

closed (30 November 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/115667

*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)