

Special Issue

Recent Advances in Applied Bioinorganic Chemistry

Message from the Guest Editors

This Special Issue of the journal *IJMS* entitled "Recent Advances in Applied Bioinorganic Chemistry" will cover a selection of recent research and review articles in the field. Bioinorganic Chemistry has important applications in various areas, including catalysis, energy, and medicine. More specifically, the applications of Bioinorganic Chemistry include (i) drug design and development (cancer, Alzheimer's, HIV, etc.); (ii) catalysis (metalloenzymes, etc.); (iii) materials science (biomimetic materials, sensing, drug delivery, etc.); (iv) environmental science; (v) agriculture (fertilizers, pesticides, etc.); (vi) forensics (spectroscopic and analytical techniques); (vii) imaging: (MRI, XAS, etc.); (viii) biotechnology (biosensors, etc.); (ix) energy conversion. The issue will feature original research articles, reviews, and perspectives. Moreover, the research in this field brings together stakeholders from different disciplines, such as chemists, biologists, pharmacists, etc. The readers of this Special Issue will gain an appreciation of the evolution of applications in bioinorganic chemistry.

Guest Editors

Dr. Christina N. Banti

Section of Inorganic and Analytical Chemistry, Department of Chemistry, University of Ioannina, 451 10 Ioannina, Greece

Prof. Dr. Sotiris K Hadjikakou

Section of Inorganic and Analytical Chemistry, Department of Chemistry, University of Ioannina, 451 10 Ioannina, Greece

Deadline for manuscript submissions

closed (20 December 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/174251

*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)