

Special Issue

New Research on Complexes of Nanoparticles and Bioreceptors: Obtaining, Characterization and Applications

Message from the Guest Editors

The priority focus of our special issue is new nanoparticles, biomolecules, and approaches for their characterization.

In this Special Issue, we will consider the progress towards

- obtaining nanoparticles used as carriers for bioreceptor molecules;
- characterization and improving the properties of conjugates of nanoparticles with antibodies, aptamers, nucleic acids, enzymes, and other biomolecules;
- theoretical and experimental studies of composition
- property correlations for the nanoparticle–bioreceptor conjugates;
- application of the nanoparticle–bioreceptor conjugates in diagnostics, delivery, and therapy.

This Special Issue aims at expanding the knowledge on obtaining, characterization, and applications for nanoparticles–bioreceptor conjugates. Experimental studies in biochemistry, molecular biology, biotechnology, and biomedicine, review articles, and clinical studies are all welcome for consideration.

Guest Editors

Dr. Irina Safenkova

A.N. Bach Institute of Biochemistry, Research Centre of Biotechnology of the Russian Academy of Sciences, 119071 Moscow, Russia

Dr. Yi Wan

State Key Laboratory of Marine Resource Utilization in South China Sea, School of Pharmaceutical Sciences, Hainan University, Haikou 570228, China

Deadline for manuscript submissions

closed (20 March 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/164085

*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)* 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, and molecular biophysics. *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. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)