

Special Issue

Nanoparticles: From Synthesis to Applications

Message from the Guest Editor

Colloidal nanoparticles have emerged as a promising class of materials that could be used for a wide range of applications. In recent years, particular focus has been given to the development of improved synthesis methods, which allows for precise control of materials' size and shape. Furthermore, the possibility to fabricate nanoparticle cores with different elemental composition has led to the discovery of new material properties, which increase their potential contribution to a variety of research fields, including energy, sensors, imaging, photonics, medicine, etc.

This Special Issue will highlight the latest research on nanoparticles. Thus, we invite research articles, reviews or/and perspectives addressing and presenting nanoparticle-related subjects. Potential work will include but is not limited to the synthesis and characterization of nanoparticles, proof of concept and applicability studies, sensing, diagnosis, drug delivery and toxicity investigations, as well as views and future trends.

Guest Editor

Dr. Neus Feliu

Zentrum für Angewandte Nanotechnologie CAN, Fraunhofer-Institut für Angewandte Polymerforschung IAP, 20146 Hamburg, Germany

Deadline for manuscript submissions

closed (30 June 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/41943

*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)