



## Nanoparticles: From Synthesis to Applications

Guest Editor:

**Dr. Neus Feliu**

Fachbereich Physik und Chemie  
and Center for Hybrid  
Nanostructures, Universität  
Hamburg, Hamburg, Germany

Deadline for manuscript  
submissions:

**closed (30 June 2022)**

### Message from the Guest Editor

Dear Colleagues,

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.





an Open Access Journal by MDPI

## 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

## 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.

## 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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI