





an Open Access Journal by MDPI

# Nanoparticles(2): From Synthesis to Properties

Guest Editor:

### Prof. Alexander A. Kamnev

Laboratory of Biochemistry, Institute of Biochemistry and Physiology of Plants and Microorganisms—Subdivision of the Federal State Budgetary Research Institution Saratov Federal Scientific Centre of the Russian Academy of Sciences, 410049 Saratov, Russia

Deadline for manuscript submissions:

closed (30 December 2023)

## Message from the Guest Editor

Dear Colleagues,

Nanoscience and nano(bio)technology have already led to new advances in modern life. Nevertheless, the vast majority of problems related to nanostructured materials remain to be investigated at the molecular level. Among such materials, nanoparticles of different origins (metals, metalloids, chalcogenides, oxides, polymers, etc.) and various methods of synthesis are currently at the forefront of nanoscientific research.

This Special Issue of *IJMS* will include a collection of expert-level experimental and review-type papers dealing with the synthesis, properties and related applications of nanosized structures of various nature and complexity, with a particular emphasis on the molecular-level analysis of the processes and products involved.

Prof. Alexander A. Kamnev Guest Editor













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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

### **Contact Us**