





an Open Access Journal by MDPI

# **Emerging Techniques for Fabrication and Characterisation of Novel Biomimetic Materials and Biological Objects**

Guest Editor:

#### Dr. Rawil Fakhrullin

1. Institute of Fundamental Medicine and Biology, Kazan Federal University, Kreml uramı 18, 420008 Kazan, Russia 2. Department of Ichthyology and Hydrobiology, Biological Institute, National Research Tomsk State University, 634050 Tomsk, Russia

Deadline for manuscript submissions: **closed (30 November 2022)** 

# **Message from the Guest Editor**

This Special Issue of the International Journal of Molecular Sciences will serve as a collection of excellent research articles and review papers, where researchers working in a range of biomaterials-related areas will present their advances in the development and application of novel techniques for the fabrication and characterisation of biomedical materials. Every paper submitted consideration should report a novel technique for the synthesis, development or characterisation of materials of materials-related biological objects. The application of well-established techniques and reports on the use of artificial intelligence in combination with physchem techniques, or their applications for environmental monitoring, will also be considered. Multidisciplinary studies where fabrication and characterisation methods normally used for "less biological" objects are successfully applied for biomedical research are particularly welcome. The prospective authors are encouraged to explicitly indicate the originality of their novel techniques in cover letters and abstracts













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**