

Special Issue

Biologically Synthesized Nanomaterials and Their Nanocomposites for Biomedical Applications

Message from the Guest Editors

The unique and superior properties of nanomaterials have revealed strong potential for rapid development of nanotechnology based biomedical applications. There are already some nanomaterials-based products available in the market and many are in the pipeline for commercialization. Of various methods for the synthesis of nanosized materials, green approaches by using natural materials are widely adopted in biomedical fields to avoid organic passivators which are hazardous both for the environment and human body. Over the last decade, many studies have been devoted to preparing green nanomaterials that possess biological activities for various medicinal applications. Therefore, the objective of this research topic is use of biosynthesized nanomaterials and their biocomposites for various biomedical applications such as dental composites, tissue engineering, drug delivery, biosensors, microneedles patches, and photothermal therapy.

The aim of this Special Issue is to collate original research and review articles with a focus on the nanomaterial and nanocomposites and their biomedical applications.

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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.

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