

Special Issue

Nanostructured Materials for Biomedicine

Message from the Guest Editor

Technologies used to create materials with controlled structures at the nanoscale have made remarkable progress in recent years. This Special Issue solicits a wide range of papers that utilize nanostructures to impart functions to biomedicine and biomaterials. We envision papers that design and synthesize drug delivery carriers, diagnostic materials, scaffold materials, etc. based on novel ideas using nanoparticles formed by polymers and inorganic compounds, nanoparticles with anisotropic structures, nanofibers, nanosheets, or nanostructures formed on the surface of materials. Authors are expected to discuss the correlation between nanostructures and physical properties or functions in their papers. Physical properties and functions may include the controlled release of drugs, biodegradability, surface potential, rheology, material–cell interactions etc. The aim of this Special Issue is to assemble the latest interdisciplinary work on nanostructured materials for biomedicine, as well as to exchange ideas and encourage new lines of research.

Guest Editor

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About the Journal

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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