

Special Issue

Bioactive Nanoparticles: Synthesis and Potential Applications

Message from the Guest Editors

Bioactive nanoparticles can significantly influence interactions with biological systems. They often exhibit unique bioactivities owing to their nanoscale size effect, well-defined architecture, and precise surface property. Without doubt, bioactive nanoparticles have represented an important and exciting area of research. Bioactive nanoparticles can be inorganic, organic, inorganic–organic hybrid, carbon-based composites, polymeric, or supramolecular-based materials. Synthetic methods have significant effect on the physicochemical properties of the bioactive nanoparticles. Recently, there has been growing interest in the potential use of bioactive nanoparticles in biocatalysis, biosensing, imaging, hemostasis, cancer immunotherapy, bone regeneration, wound dressing, and so on. In this light, the aim of this Special Issue is to generate discussion on the latest advances in research on the synthesis and potential applications of bioactive nanoparticles.

Guest Editors

Dr. Gopiraman Mayakrishnan

Prof. Dr. Ick-Soo Kim

Dr. Vanaraj Ramkumar

Deadline for manuscript submissions

closed (30 April 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/177614

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

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

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