

Special Issue

Recent Advances in Nanoparticles in Molecular Biology: Second Edition

Message from the Guest Editor

Nanoparticles are small particles that range between 1 and 100 nanometers in size. Given their nanoscale, they have unique material properties, and fabricated nanoparticles are used in a variety of applications, including medicine and pharmaceuticals, catalysis, and foods. This Special Issue, "Recent Advances in Nanoparticles in Molecular Biology: Second Edition", of the International Journal of Molecular Sciences will focus on the synthesis, characterization, and functionalization of nanoparticles in molecular biology. Topics may include, but are not limited to: The synthesis and functionalization of novel biomolecule–nanoparticle hybrids;

The application of nanoparticles in cancer treatment;
The preparation of nanomedicines utilizing nanoparticles and their pharmacokinetics;
The mechanistic study of nanoparticle–cell interactions;
The cytotoxic potential of nanoparticles.

Original research papers and reviews on the application of nanoparticles in molecular biology are welcome.

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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