

Special Issue

Advances in Nanomedicine Biotechnologies (Second Edition)

Message from the Guest Editor

Researchers and pioneers in the field of nanomedicine biotechnologies are invited to contribute to a Special Issue of *Nanomaterials* on "Advances in Nanomedicine Biotechnologies (Second Edition)". We are looking for high-impact publications that explore the revolutionary potential of nanomedicine in fields including drug delivery systems, anti-cancer and anti-infective therapies, creative treatments for metabolic disorders, neurodegenerative illnesses, and biosensors. At the nanoscale, the emphasis is on smoothly merging biology and medicine. This Special Issue offers a forum for the dissemination of ground-breaking findings across an international readership, providing researchers the chance to join a thriving community that pushes the limits of cell biology, biomedical engineering, and nanotechnology and make a huge impact on the field. Individuals are encouraged to contribute original research, reviews, and viewpoints that are at the forefront of nanomaterials research. This will allow us to work together to transform patient care and pave the way for a healthy future.

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2025)



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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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