

Special Issue

Advanced Nanomaterials in Biomedical Application (2nd Edition)

Message from the Guest Editors

In recent decades, many efforts have been focused on the discovery of various types of nanomaterials. In addition to basic research on the synthesis of nanoconstructs, the goal of such research has been to identify nanoparticles applicable in various fields, including technology (catalysis), medicine (drug delivery), etc. As a result of the increasing number of potential applications, the demand for novel nanomaterials is growing rapidly. This Special Issue on “Advanced Nanomaterials in Biomedical Applications” aims to showcase the most recent advances in nanomaterials’ synthesis and characterization, as well as their technological applications. This Special Issue welcomes original research articles and reviews. Research areas may include all types of nanomaterials used in the development of medical applications, including, but not limited to, therapeutics (anticancer, antibacterial, toxicology, etc.), diagnostics (imaging, etc.), and nanodevices. We look forward to receiving your contributions.

Guest Editors

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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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