Special Issue

Advanced Healthcare Nanomaterials for Biomaterial and Drug Delivery Applications

Message from the Guest Editors

Nanomaterials are present in nature in different forms, such as hydroxyapatite in bones, proteins, and DNA in cells. Richard Adolf Zsigmody was awarded the Nobel Prize in 1925 in the field of Chemistry for his first unique observation of gold sol nanoparticles under the size of 10 nm using an ultramicroscope. Since then, continuous research and development has taken place to develop nanomaterials or nanoparticles for different applications, such as electronic, photocatalytic, sensor, and energy applications. However, a lot of research is still required to develop nanoparticles or nanomaterials for advanced healthcare, bioimaging, therapy, diagnosis, and drug delivery application. Hence, this Special Issue aims to compile new research findings in the field of advanced healthcare, bioimaging, therapy, diagnosis, and drug delivery applications.

Guest Editors

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Prof. Dr. Jongnam Park

Prof. Dr. Shin Sik Choi

Deadline for manuscript submissions

closed (22 December 2021)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/78802

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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.

Editor-in-Chief

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