Special Issue

Nanomaterials for Diagnosis, Drug Delivery and Targeted Therapy

Message from the Guest Editor

Nanotechnology opens new avenues in the biomedical research field. Nanomaterials with multiple features have various potential characteristics that make them suitable candidates for biomedical applications. An accumulating body of recent studies has reported the high efficacy of nanomaterials in bioimaging, biosensing, gene delivery, drug delivery, photothermal therapy, hyperthermia, combination therapy, and concurrent therapy and diagnostics (theranostics). Therefore, this Special Issue aims to elaborate on the critical function of nanomaterials in biomedical research. This Special Issue of *Nanomaterials* on "Nanomaterials for Diagnosis, Drug Delivery, and Targeted Therapy" aims to collect original research and review articles that highlight synthesis, modification, design, properties, and applications in various areas related to biomedical nanomaterials. We would like to invite scientists and engineers from diverse and multidisciplinary fields with different technological backgrounds to contribute their work to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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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.

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