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Nanoparticles in Theranostics

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Message from the Guest Editors

Dear Colleagues,

Theranostics is a new term which combines therapy and diagnostics. Theranostic nanomedicine is an emerging paradigm, involving the use of nanoparticles or other nanomaterials for diagnostics, imaging, and therapeutic applications. In recent years, much research efforts have been devoted toward the goal of developing different nanoplatforms for theranostic nanomedicine applications. Both polymeric and inorganic nanoparticles have been thoroughly enjoying their uses in the area of biological imaging and therapy.

This Special Issue focuses on the use of emerging polymeric nanoparticles and inorganic nanoparticles (quantum dots, magnetic, upconversion and other graphene nanoparticles) in theranostics applications.

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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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