

Special Issue

Applications of Nanotechnology in Medical Examination and Therapy

Message from the Guest Editors

Nanomaterials are extensively explored in biomedical applications and open up new areas of molecular imaging, drug delivery, and various tumor therapeutic modalities, as well as vaccine development. In addition to human-made nanomaterials, naturally occurring nanomaterials such as the extracellular vesicles play important roles in physiological and pathological conditions of human diseases and have potential for diagnostic and therapeutic applications. Thus, this Special Issue aims to provide an up-to-date collection of original research articles and review papers of the exciting and fast-growing field Applications of Nanotechnology in Medical Examination and Therapy. In this collection, clinical translation of nanomedicine will be emphasized. In view of your outstanding research in this field, we are pleased to invite you to contribute to this Special Issue and submit your excellent works of the associated topics. We look forward to receiving your contributions. See more information in <https://www.mdpi.com/si/100098> Thank you.

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.

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