Special Issue

Recent Advances in Cancer Nanotechnology

Message from the Guest Editors

Cancer nanotechnology can be used to improve the current therapeutics and diagnostics. In therapeutics, nanoparticles can be used to improve the therapeutics through controlled delivery of agents which will eventually reduce side effects in patients. In diagnostics, nanoparticle-based contrast agents can be used to improve the quality and sensitivity of cancer imaging. This Special Issue aims to offer a more widespread view on visualization, diagnosis and treatment of disease with various types of nanoparticles.

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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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