Special Issue

Nanobiosystems for Complex Diseases

Message from the Guest Editor

Dear colleagues, Complex diseases are pathological processes triggered by a combination of different factors (related to environment, genetics, lifestyle, or unidentified factors) and are considered the most challenging diseases to treat. Therefore, complex diseases or pathological processes (cancer, neuropathies, multidrug resistance, or antibiotic resistance) require special efforts when it comes to developing efficient therapies. Nonetheless, recent developments in nanotechnology provide encouraging opportunities to design smart strategies for the visualization, diagnosis, or treatment of complex diseases. This Special Issue will focus on the development of drug delivery systems designed to overcome biological barriers, increase drug efficiency, reduce side effects, improve combined therapy, or enable multitargeting strategies. Therefore, authors working on new therapeutic formulations to treat complex diseases are welcome to submit their contributions to this Special Issue. We are especially interested in drug delivery systems... For further reading, please follow the link to the Special Issue website: https://www.mdpi.com/si/42271

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2021)

Nanomaterials

an Open Access Journal by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/42271

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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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