Special Issue

Recent Advances in the Assessment of Engineered Nanomaterials: Ecotoxicity, Cytotoxicity and Genotoxicity

Message from the Guest Editors

The last 20 years have proven that nanotechnology provides tremendous benefits and numerous applications to society. Outstanding developments in this field have led to a continuous increase in the production and use of engineered nanomaterials (ENMs) for everyday life applications, ranging from food and cosmetics, to biomedicine, electronics, energy production and storage, agriculture and environment. The aim of this Special Issue is to publish research on recent advances in nanoscience related to cytotoxicity, genotoxicity, and ecotoxicity of the novel or currently existing nanomaterials, and their impact on the environment, living organisms and human health.

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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