Special Issue

Safety and Toxicity of Carbon Nanotubes, Nanoparticles and Other Nanomaterials

Message from the Guest Editors

The extraordinary physicochemical properties of engineered nanomaterials and nanoparticles (NMPs) gives them a multitude of uses. Different NMPs can also have different toxicities. The risks to human health and the environment posed by NMPs are of concern because of their numerous industrial applications and the use of NMPs in a wide range of commercial products. Therefore, hazardous NMPs need to be identified, and risk assessment studies need to be carried out. The goal of this Special Issue is to highlight the latest research on the toxicology and safe use of nanomaterials and nanoparticles. We invite original research articles and reviews on human exposure to nanomaterials and nanoparticles, the toxicities of different types of nanomaterials and nanoparticles, and workplace and user safety measures that can be applied to ensure the safe manufacture and use of these extremely valuable materials. See more information at https://mdpi.com/si/132107. We look forward to receiving your contributions.

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.

Editor-in-Chief

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