

## Special Issue

# Safety and Toxicity of Carbon Nanotubes, Nanoparticles and Other Nanomaterials: 2nd Edition

### Message from the Guest Editor

Engineered nanomaterials and nanoparticles (NMPs) exhibit unique physicochemical properties, making them invaluable across industries. However, their biopersistence, especially when inhaled, can cause lung inflammation, respiratory disorders, and neoplasia. Humans are also exposed to NMPs through dermal contact and ingestion via food and water. Despite their risks, eliminating NMPs would significantly impact society. Thus, identifying hazardous NMPs, conducting risk assessments, and implementing safety regulations are crucial. This Special Issue aims to showcase the latest research on NMP toxicology and safe use. We welcome original research and reviews on human exposure, toxicity, and safety measures for the responsible manufacture and use of NMPs.

### Guest Editor

Dr. David B. Alexander

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### Deadline for manuscript submissions

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## Nanomaterials

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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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### Editor-in-Chief

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