

Special Issue

Health, Environment and Nanosafety

Message from the Guest Editors

The history has shown us that different types of particulate matter and their byproducts are related to seriously deleterious effects such as lung fibrosis, vascular effects, and cancer. Although our understanding of toxicity caused by nanoparticles has increased, there is still a large gap between the development of new nanomaterials and the ability to test for their safety for the environment, end-users and those involved in their production. In order to have a better understanding of the efforts related to evaluate how safe are already existing and new materials, and how to design new materials that are safe starting from the design, we are launching a special issue on Nanosafety, making special emphasis on health and environment.

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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