



Toxicological Properties of Nanomaterials

Guest Editor:

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Message from the Guest Editor

The risks to health and the environment posed by the characteristics of nanomaterial enabled products are a significant barrier for their commercialization and hinders the societal perception of the benefit of nanotechnologies. Identifying and controlling the hazards associated with nanomaterials (NMs) is required to ensure the safety of the general public, workers, and the environment, in parallel to exploiting the technological benefits. Despite the progress on the evaluation of environmental and human toxicity of numerous NMs, most of the research has been focused on the pristine or simplified nanomaterials, and deeper knowledge is needed to understand the risk assessment of nano-multicomponent forms or nanomaterials with heterogeneous morphology.

The articles presented in this Special Issue will cover various topics, ranging from, but not limited to, human toxicology and environmental toxicology of multicomponent nanomaterials and high aspect-ratio nanomaterials, computational toxicology of nanomaterials, and elucidation of toxicity mechanisms of nanomaterials.





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Message from the Editor-in-Chief

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