

Special Issue

Nanotoxicology and Nanosafety 4.0

Message from the Guest Editor

With the rapid development of nanotechnology, nanomaterials have been widely applied in many industrial sectors, including medicine, consumer products, and electronics. While such technology has brought benefits and convenience to our daily lives, it may also threaten human health and environmental safety. In this Special Issue, we hope to bring together significant research that advances the knowledge base on the adverse effects and regulatory aspects of nanomaterials. In vitro, in vivo, and human studies that contribute to our understanding of human health and environmental impacts are welcome. Keywords

- molecular and cellular mechanisms of nanomaterial intoxication
- regulatory toxicology
- nanotoxicology
- nanosafety
- ecotoxicity of nanomaterials
- adverse effects of nanomaterials in zebrafish
- adverse effects of nanomaterials in *Drosophila*
- adverse effects of nanomaterials in *C. elegans*
- risk assessment of engineered nanomaterials
- risk management of engineered nanomaterials
- biological monitoring of engineered nanomaterials
- environmental monitoring of engineered nanomaterials

Guest Editor

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