



Toxic Effects of Nanoparticles

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Message from the Guest Editor

The aim of this Special Issue in *International Journal of Molecular Sciences* is to present novel areas of research in order to advance our understanding of the toxicological mechanisms triggered by exposure to nanoparticles (incidental or engineered), and potential therapeutics or interventions for those exposed to nanoparticles.

We invite investigators working in all fields related to nanoparticles to submit original research articles or reviews describing and discussing recent advancements or developments in the field of nanoparticles toxicity, the underlying mechanisms of toxicity, and the nanoparticle components that may determine toxicity.

Research areas may include, but are not limited to, the following:

- Mechanisms of toxic effects following nanoparticle exposure (in vitro or in vivo); role of inflammation and oxidative stress.
- Nanoparticle components that may determine toxicity; the application of safe(r) using design guidelines to decrease toxicity.
- Human exposures to nanoparticles (incidental or engineered) and effects on health.
- Interventions or treatments to ameliorate nanoparticle exposure impacts.





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Message from the Editor-in-Chief

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