

# Special Issue

## Toxic Effects of Nanoparticles

### 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.

### Guest Editor

Prof. Dr. Pablo A. Evelson

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### Deadline for manuscript submissions

closed (15 June 2024)



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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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