



## Molecular Insight on Nanoparticle Toxicity

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### Message from the Guest Editor

The increasing use of nanomaterials (NMs) across various sectors, including cosmetics, medicine, the food industry, electronics, and chemistry, has raised concerns about their potential health impact, specifically in terms of toxicity. In response to these concerns, the International Journal of Molecular Sciences presents a Special Issue titled “Molecular Insight on Nanoparticle Toxicity”. This issue focuses on investigating the toxic effects of nanoparticles, elucidating the underlying mechanisms, and promoting the concept of “safe-by-design”. This Special Issue invites manuscripts that prioritize the exploration of toxicity and its mechanisms across a broad spectrum of nanoparticles. Research should involve the use of pertinent cell lines, three-dimensional models, or experimental animal models with a focus on the 3R principles—reducing, refining, and replacing conventional methods.





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## Message from the Editor-in-Chief

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