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# **Lung Cell Toxicity of Metal-containing Nanoparticles**

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## **Message from the Guest Editors**

Lung cell toxicity is a critical aspect in the field of nanotoxicology due to the fact that inhalation is an important exposure route. Among the nanomaterials present in society, many contain metals. The metal-containing nanoparticles show differences in toxicity depending, e.g., on size, surface reactivity, and kinetics The cellular effects dissolution inflammation, genotoxicity, oxidative stress, and epigenetic alterations. This Special Issue highlights recent advances in the understanding of lung cell toxicity of metal-containing nanoparticles. It focuses on mechanisms underlying toxicity, links to nanoparticle characteristics, in vitro-in vivo correlations, and novel methods, such as air-liquid interface exposures and the use of cocultures. The Special Issue is open to original research articles as well as review papers that help researchers around the world understand the lung cell toxicity of metal-containing nanoparticles, with a focus on novel mechanisms and methods











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# **Message from the Editor-in-Chief**

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