

## Special Issue

# Effects of Nanoparticles on Living Organisms, 3rd Edition

### Message from the Guest Editor

This Special Issue aims to examine the effects of nanoparticles on living organisms (human or animal, organs, tissues, and cells). Nanoparticles are used in food, agriculture, drug discovery, and medicine (prevention and diagnosis). For example, in the medical field, they are used as a contrast agent in MRI and PET to reveal the internal structure of blood vessels, organs, and tissues. In the drug discovery field, drugs must be safe and effective and must be able to be delivered to the target site. Therefore, we need to understand the properties and behavior of nanoparticles. Otherwise, they can cause respiratory and cardiovascular diseases, as well as immunological, inflammatory, and allergic diseases. Here, we call for reports on the effects of nanoparticles on living organisms (nanoparticle functionalization, in vitro/in vivo evaluation, 3D models, ADME, toxicity, biomedical applications, etc.) at the molecular level. Therefore, this Special Issue seeks to publish high-quality articles, including original research, reviews, short communications, and clinical trials.

### Guest Editor

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### Deadline for manuscript submissions

31 May 2025



## Current Issues in Molecular Biology

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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