

Special Issue

Nanomaterials: Immunological Perspective

Message from the Guest Editors

Nanomaterials provide a versatile and tuneable platform that can potentially be used to manipulate immune responses by molecular design. Additionally, whether bioinspired nanomaterials can be designed to evade the immune system by learning lessons from pathogen strategies remains a challenge for developing safe nanomedicines. Although the interaction of nanomaterials with the immune system has potential threats, it represents a very promising exploitation strategy if well understood.

This Special Issue aims to capture the current knowledge in this area through reviews and original research articles, to provide critical dialogue in the field of nanomaterials safety and immunological applications. Contributions to this issue may focus on nanomedicine, nanosafety, and immunology in the academic, industrial, and clinical arena.

- nanoparticles
- biomaterials
- cancer immunotherapy
- immune stimulation
- vaccines
- nanotoxicity
- immunogenicity
- allergy

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Deadline for manuscript submissions

closed (31 March 2023)



Pharmaceutics

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Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/77318

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