

## Special Issue

# Precision Nanomedicine for Immunotherapy

### Message from the Guest Editor

The immune system plays a central role in the progression and resolution of many pathological conditions, including cancer, chronic inflammation, fibrosis, infectious diseases, and tissue injury. Beyond host defense, immune responses also contribute to key biological processes such as angiogenesis, tissue remodeling, and regeneration. This Special Issue aims to highlight innovative nanomedicines, therapeutic platforms, and precision drug delivery strategies designed to interact with the immune system to treat disease or promote tissue repair. Approaches may include nanoparticles, biomaterials, biologics, nucleic acid therapeutics, engineered delivery systems, and emerging cell- or gene-based therapies with immunological effects. By integrating pharmaceuticals, nanotechnology, and immunology, this Special Issue seeks to showcase therapeutic approaches that harness immune-related mechanisms to fight disease, regulate inflammation, fibrosis, and pathological angiogenesis, and support tissue regeneration.

### Keywords

- nanomedicine
- immune modulation
- precision medicine
- targeted drug delivery
- immunotherapy
- angiogenesis
- biomaterials
- regenerative medicine
- inflammation and fibrosis
- cancer therapy

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### Guest Editor

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## Pharmaceutics

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