

## Special Issue

# New Advances in Nanomaterials for Biomedical Diagnostics and Therapy

### Message from the Guest Editor

In the dynamic landscape of biomedical research, nanomedicine captivates global attention for its remarkable capabilities. The flexibility of nanomaterials to couple with various substances opens doors to a realm of possibilities. Whether through chemical conjugation, physical encapsulation, or adsorption, these loaded nanosubstances pave the way for the targeted delivery of drugs, chemotherapeutic agents, imaging substances, or vital biological entities. This Special Issue is dedicated to showcasing a collection of studies centered on the latest advancements in nanomaterials tailored for diverse applications in biomedical tracking, detection, and treatment across various scenarios. Researchers from a wide array of disciplines are encouraged to submit manuscripts, exploring areas such as:

- Development of nanomaterials for diagnosing cancer and chronic diseases.
- Therapeutic treatments using both loaded and non-loaded nanomaterials.
- Integration of nanotechnology with other methods for tissue regeneration.
- Development of nanomaterials for immunization and vaccine production.
- Innovative approaches to synthesize, fabricate, and characterize nanomaterials.

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### Guest Editor

Dr. Hong Niu

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### Deadline for manuscript submissions

closed (10 April 2025)



## Processes

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