# **Special Issue**

# Nanoparticle-Based mRNA Vaccines

## Message from the Guest Editors

This Special Issue, titled "Nanoparticle-Based mRNA Vaccines", aims to highlight the convergence of cutting-edge materials science and mRNA engineering to advance the therapeutic potential of mRNA vaccines. We welcome submissions of original research, communications, and review articles addressing topics such as mRNA's structural optimization, novel nanomaterials, the formulation and manufacturing of nanoparticles, mRNA-related immunogenicity, and artificial intelligence-guided vaccine design.

#### **Guest Editors**

Dr. Yunlu Dai

Dr. Yonger Xue

Dr. Zhiwei Fang

#### Deadline for manuscript submissions

closed (31 May 2025)



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