



## Emerging Platforms in Nanotechnology for Diagnosis and Treatment of Respiratory and Infectious Diseases

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### Message from the Guest Editors

This Issue highlights the state of the art in nanotechnology for the diagnosis and treatment of respiratory and infectious diseases. The dynamic applications of nanotechnology-based systems ranging from targeted drug delivery to immunotherapy have widened the scope of biomaterial science for respiratory diseases. Nanomaterials have recently been explored as novel delivery systems for the long-term release of therapeutics across biological barriers to treat respiratory diseases and viral infections. The objective of the present Issue is to highlight the use of various nanotechnology-based materials for the diagnosis and treatment of various diseases, such as AIDS, neurological disorders, respiratory disorders, and infectious diseases. The goal of the Issue is to introduce emerging technologies and systems that are being investigated for the translation of nanotechnology-based interventions from bench to bedside.





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