



Nano-Based Approaches for Infectious Diseases

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Message from the Guest Editor

Dear Colleagues,

Infectious diseases have become one of the world's most urgent health issues, presenting several medical and technological challenges, such as the lack of effective treatments, the emergence of resistant strains, the difficulty to treat biofilms, and the challenges of addressing established infections. Moreover, there is an urgent need to detect and identify infections at early stages, as well as to prevent the spread of infection.

Recent advances in nanotechnology have provided exciting solutions to a number of these challenges, from sensing and detection systems to the delivery of therapeutic agents, design of targeted therapies, biofilm control and generation of new vaccines. This Special Issue aims to provide an overview about the recent advances in the development of nano-based approaches for infectious diseases, focusing on promising strategies to address the above-mentioned problems.

As the Guest Editor, I cordially invite all researchers to publish their original research or review articles with expert opinions and perspectives on this research field.





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Message from the Editor-in-Chief

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