Special Issue

Application of Nanoparticles and Dendrimers for Treating Infectious Diseases

Message from the Guest Editors

The COVID-19 pandemic has stressed the relevance of emerging and reemerging infectious diseases which constantly represent a serious concern not only for their consequences on public health, but also for their economic, social, and political impact around the world. In addition, the diffusion of multi-resistant bacteria and the insufficiency of antiviral drugs emphasize the search for innovative therapeutic strategies able to eradicate bacterial, viral, parasitic, or fungal infections. Nanoparticles and dendrimers are very interesting platforms used as a drug delivery system in various medical fields. This Special Issue aims to collect original and review contributions that deepen the most recent results on the applications of nanoparticles and dendrimers as anti-infective agents with a special focus on their rational design, modification, and the study of their interaction with target pathogens, including bacteria, viruses, parasites, and fungi. We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (10 June 2025)



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Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



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