## **Special Issue**

# Recent Advances in Antiviral and Antibacterial Drugs

#### Message from the Guest Editor

The COVID-19 pandemic inspired more research on global infectious disease, particularly in the field of antiviral drug discovery. Such efforts have led to rapid innovations in diagnosis, vaccine development, directacting antivirals, and therapeutic strategies. However, many challenges still exist, including viral evolution. therapeutic resistance, and the escalating threat of antimicrobial resistance (AMR). Learning from these challenges and seeking novel discoveries in this field are critical to help the world prepare for future outbreaks. This Special Issue aims to address progress in antimicrobial research and the critical insights gained in the post-pandemic era. We welcome the submission of original research articles, reviews, and perspectives that explore recent advances in this field. Topics of interest include, but are not limited to, the following:

- Novel antiviral agents and therapeutic targets.
- Innovative antimicrobial strategies to combat AMR.
- Advances in rapid diagnostics and surveillance for viral and bacterial pathogens.
- The analysis of clinical trial design and outcomes for pandemic-era therapeutics.
- The role of host-directed therapies in treating infectious diseases.

#### **Guest Editor**

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#### Deadline for manuscript submissions

31 March 2026



an Open Access Journal by MDPI

Impact Factor 3.9 CiteScore 6.8 Indexed in PubMed



mdpi.com/si/252746

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### **About the Journal**

#### Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access iournal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to Biomedicines, be it original research, review articles, or developing Special Issues of current key topics.

#### Editor-in-Chief

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