## Special Issue

## Design, Synthesis, Analysis and Application of Antiviral Agents

## Message from the Guest Editors

The continuous emergence of new viruses, the reappearance of previously controlled pathogens, and the wide clinical spectrum of viral diseases-from mild infections like the common cold to high-mortality outbreaks such as Ebola, chronic diseases like HIV/AIDS, and global pandemics such as influenza and SARS-CoV-2—underscore the urgent need for novel antiviral strategies. Effective drug design, synthesis, and evaluation of molecules with potential antiviral activity is important. Effective drug design must account for viral proteins, host factors, pathogen-host interactions, immune responses, mechanisms of immune evasion, and disease pathogenesis. In this Special Issue, we address the development of antivirals from the design to the application, explaining their potential mechanisms of action.

### **Guest Editors**

Dr. Jazmín García-Machorro

Dr. Marlet Martinez-Archundia

Dr. Marvin Antonio Soriano-Ursúa

## Deadline for manuscript submissions

20 April 2026



# Applied Sciences

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## **Editor-in-Chief**

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