

Special Issue

Unconventional Antiviral Agents

Message from the Guest Editors

The activity of current antiviral agents is limited to a few viruses, such as HIV, herpes viruses, HBV/HCV, and the influenza viruses. The available drugs target a limited number of viral steps, i.e., replication and transcription by inhibition of polymerases and integrases; protein maturation by targeting proteases; and entry, uncoating, and budding by modification or hindrance of virus attachment and surface proteins or cell receptors. While these activities effectively prevent/suppress viral replication, most of the time they do not eradicate the virus from the host, especially when chronic infections or latency are involved. Moreover, drug-resistant viruses, new virus variants, and new virus species that do not respond to any of the current antiviral treatments constantly emerge and are becoming an increasingly urgent priority. In this Special Issue, we aim to explore new ways to combat viral infections. In particular, we welcome research on new compounds with antiviral activity, with unconventional targets and mechanisms of action against all types of viruses.

Guest Editors

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