Special Issue

Research on Replication Mechanisms and Molecular Virology of Influenza Virus

Message from the Guest Editors

Throughout history, RNA viruses like influenza have caused severe damage to humans and animals. It is essential to understand the molecular characteristics of these viruses to develop effective antiviral drugs and disease control methods in a constantly changing world. Despite the significant progress made in the field, there are still fundamental questions that remain unanswered, such as the completion of the viral replication cycle, the molecular mechanisms involved in the host and the virus, and the target factors for controlling viral replication. This Special Issue aims to provide a comprehensive overview of the current knowledge on influenza virus infection by collating the latest research. By gathering research to understand viral interactions with the host and replication mechanisms, we can develop effective antiviral strategies and better prepare for future pandemics.

Guest Editors

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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