



an Open Access Journal by MDPI

Replication and Pathogenesis of Influenza Viruses

Guest Editor:

Dr. Shih-Yen Lo

Department of Laboratory
Medicine and Biotechnology, Tzu
Chi University, Hualien 97004,
Taiwan

Deadline for manuscript
submissions:

closed (20 March 2025)

Message from the Guest Editor

The Special Issue will highlight recent advances in the mechanistic understanding of the replication and pathogenesis of influenza viruses. Both reviews and research articles are welcome. Topics can include but are not limited to the following:

1. Expressional regulation and functional characterization of various viral gene products;
2. Replication and pathogenesis of various influenza viruses;
3. Interactions between influenza viruses and other pathogens (other viruses or bacteria);
4. Interactions between influenza viruses and host cells, including antiviral immune responses;
5. Countermeasures to combat influenza viral infection (e.g., vaccine development and antiviral agents).



mdpi.com/si/91476

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Moriya Tsuji

School of Engineering Medicine,
Texas A&M University, 2121 West
Holcombe Blvd., Suite 1007,
Houston, TX 77030, USA

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)

Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pathogens
pathogens@mdpi.com
[X@Pathogens_MDPI](https://twitter.com/Pathogens_MDPI)