

## Special Issue

# Replication and Pathogenesis of Influenza Viruses

### 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:

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

### 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)



## Pathogens

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8  
Indexed in PubMed



[mdpi.com/si/91476](https://mdpi.com/si/91476)

*Pathogens*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pathogens@mdpi.com](mailto:pathogens@mdpi.com)

[mdpi.com/journal/  
pathogens](https://mdpi.com/journal/pathogens)





# Pathogens

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8  
Indexed in PubMed



[mdpi.com/journal/  
pathogens](https://mdpi.com/journal/pathogens)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Hinh Ly

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

---

### 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)