Special Issue

Immunopathogenesis of Influenza and Respiratory Syncytial Virus Infection

Message from the Guest Editor

Host leukocytes provide defense against influenza virus and respiratory syncytial virus (RSV) infection. Such cells are not the desired targets of the viruses, but they may become infected during the development and exercise of their immune response. Both monocytes—macrophages and lymphocytes can become infected by both influenza and RSV, potentially affecting their responses and the outcomes of the infection. This Special Issue of *Pathogens* seeks the submission of reports of original scientific studies and pertinent reviews regarding the immunopathogenesis of these respiratory viral infections, especially submissions addressing the infection of leukocytes by these viruses during the immune response, and the role of such events in the pathogenesis of the infection.

Guest Editor

Dr. Norbert J. Roberts, Jr.

Division of Infectious Diseases and Immunology, Department of Medicine, New York University Grossman School of Medicine, New York, NY, USA

Deadline for manuscript submissions

10 September 2026



Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/216829

Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

mdpi.com/journal/pathogens





Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8 Indexed in PubMed



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 and Biomedical Sciences, College of Veterinary Medicine, University of Minnesota, Saint Paul, MN 55108, 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)

