

## Special Issue

# Current Challenges in Veterinary Virology

### Message from the Guest Editors

Achievements and failures of the modern world like globalization, urbanization, climate change, and ecological disruption, together with the adaptable nature of viruses, pose new threats like the emergence and spread of new viruses or the re-emergence of already known pathogens. These phenomena are a great challenge to the modern veterinary virology. However, currently new technologies and concepts allow novel approaches in diagnostics and multifactorial analyses of pathogens' biology as well as give better insight in their interaction with the host. All these efforts lead to a better understanding of viral pathogenesis, providing the key knowledge for the development of new prevention or treatment strategies. This Special Issue is dedicated to recent research in the field of animal viruses. We cordially invite scientists to contribute their original studies, communications, or review articles focused on the following:

- Diagnostics;
- Pathogenesis;
- (Immuno)pathology;
- Epidemiology;
- Virus–host interactions;
- Omics and metabolomics aspects;
- Virus evolution;
- Prophylaxis and prevention strategies;
- Zoonotic potential.

---

### Guest Editors

Dr. Magdalena Materniak-Kornas

Dr. Marzena Rola-Łuszczak

Prof. Dr. Grzegorz Woźniakowski

---

### Deadline for manuscript submissions

31 December 2025



## Pathogens

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8  
Indexed in PubMed



[mdpi.com/si/214866](https://mdpi.com/si/214866)

*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)