

Special Issue

Viral Cycle and Cell Host Interactions of Equine Viruses

Message from the Guest Editor

Environmental changes, human and animal demography, pathogen changes, and farming practices are among the factors that lead to emerging diseases. Emerging diseases or known diseases affecting horses have economic repercussions beyond their direct health costs. Working equids (horses, ponies, donkeys, and mules) remain essential to ensure the livelihood of poor communities around the world. Some of the viruses affecting equids also infect humans, and others do not but are members of viruses families where some infect humans. With this Special Issue, we intend to explore the viral cycle of equine viruses, to understand better their life cycle and viral-host cell interactions. This knowledge will highlight critical interactions that will help improve our understanding of the viral families that infect horses and infect other animals, including humans. The pathogenicity pathways and viral-cell host interactions identified in those studies will be a precious source of inspiration to develop future treatments for equine infectious diseases.

Guest Editor

Dr. Jose Carlos Valle-Casuso

Laboratoire de Santé Animale, Site de Normandie de l'Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail (ANSES), Physiopathologie et épidémiologie des maladies équine (PhEED) Unit, 14430 Goustranville, France

Deadline for manuscript submissions

closed (31 October 2024)



Viruses

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/107806

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

mdpi.com/journal/

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





Viruses

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Viruses* (ISSN 1999-4915). *Viruses* is published in open access format—research articles, reviews and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Viruses* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Dr. Eric O. Freed

HIV Dynamics and Replication Program, Center for Cancer Research,
National Cancer Institute, Frederick, MD 21702-1201, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Virology) / CiteScore - Q1 (Virology/Infectious Diseases)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.2 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).