

Special Issue

Human Hepatitis Viruses and Their Animal Homologues

Message from the Guest Editors

Human hepatitis A to E viruses continue to present significant threats to public health. Recent advancements in high-throughput sequencing techniques in metagenomics, coupled with a burgeoning interest in the viromes of small mammals, have led to the discovery of homologues of human hepatitis viruses in various animal species beyond primates. However, the molecular biology and pathogenicity of these novel viruses remain largely unexplored, and the zoonotic potential of these homologues, particularly hepatitis E virus-related viruses, requires further investigation. Nevertheless, the identification of genetically divergent hepatitis viruses in diverse animal species provides valuable insights into the origins and evolution of human hepatitis viruses. Moreover, the discovery of these homologues offers a promising opportunity to establish animal models for studying the mechanistic pathogenesis of human hepatitis viruses. This Special Issue aims at encompassing a broad spectrum of topics related to the human hepatitis viruses and their animal counterparts.

Guest Editors

Dr. Bo Wang

Programme in Emerging Infectious Diseases, Duke-NUS Medical School, 8 College Road, Singapore 169857, Singapore

Prof. Dr. Xinglou Yang

Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming 650023, China

Deadline for manuscript submissions

closed (31 December 2025)



Viruses

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/201866

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).