

# Special Issue

## Noroviruses

### Message from the Guest Editors

Noroviruses are the leading cause of severe childhood diarrhea and foodborne outbreaks across the globe. Despite their massive disease burden, the development of vaccines and antiviral therapies has been hindered by the lack of cell culture and animal models of infection. However, the past 15 years has been an exciting time for norovirus research, and major progress has been made in overcoming these obstacles. The discovery of culturable murine noroviruses paved the way for substantial insight into replication strategies and the pathogenesis of noroviruses. More recently, two culture systems have been developed for human noroviruses. Finally, the use of virus-like particles as vaccine candidates and the development of antiviral therapies have progressed significantly. In this Special Issue, we will review the major discoveries in the norovirus field from the past 15 years, as well as providing several primary research articles highlighting the continuing progress being made by our community.

---

### Guest Editors

Prof. Dr. Stephanie Karst

Department of Molecular Genetics and Microbiology, College of Medicine, University of Florida, Gainesville, FL 32610, USA

Assoc. Prof. Dr. Christiane Wobus

Department of Microbiology and Immunology, University of Michigan, Ann Arbor, MI, 48109, USA

---

### Deadline for manuscript submissions

closed (31 January 2019)



## Viruses

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 7.7  
Indexed in PubMed



[mdpi.com/si/17968](https://mdpi.com/si/17968)

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