

# Special Issue

## Viruses and Inflammation

### Message from the Guest Editor

Viruses are obligate intracellular parasites, and recognition of invading viruses by intracellular sensors induces rapid production of antiviral interferons and other proinflammatory cytokines. The immune response to virus infection also involves activation of various programmed cell death pathways in infected cells. Whereas this inflammatory and cell death responses are aimed to restrict virus replication and eliminate the infectious virus, exaggerated inflammatory response often lead to tissue damage and organ dysfunction. The cellular and molecular mechanisms mediating induction of inflammatory responses during viral infections, as well as strategies to restrain damaging inflammation, are areas of active research. This Special Issue focuses on multiple aspects of inflammation associated with viral infections including regulation of host defence mechanisms mediating inflammatory response, the interconnected nature of cell death and inflammation, etc. The collection of articles in this special issue will hopefully provide valuable overview regarding the mechanisms mediating inflammatory response during viral infections that may lead to new research areas and antiviral t

---

### Guest Editor

Dr. Thirumala-Devi Kanneganti

Center of Excellence for Innate Immunity and Inflammation,  
Immunology, St. Jude Children's Research Hospital, Memphis, TN  
38105, USA

---

### Deadline for manuscript submissions

closed (31 January 2019)



## Viruses

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.8  
CiteScore 7.6  
Indexed in PubMed



[mdpi.com/si/9717](https://mdpi.com/si/9717)

*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/](https://mdpi.com/journal/)

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





# Viruses

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.8  
CiteScore 7.6  
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 (Infectious Diseases)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2026).