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 3.5
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/9717

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

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

About the Journal

Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

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 18.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).