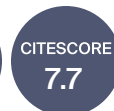




viruses



an Open Access Journal by MDPI

Host Membranes and Virus Infection Cycle

Guest Editor:

**Prof. Dr. Ekaterina (Katya)
Heldwein**

Department of Molecular Biology
and Microbiology, Tufts
University School of Medicine,
Boston, MA 02111, USA

Deadline for manuscript
submissions:

closed (22 December 2023)

Message from the Guest Editor

Dear Colleagues,

Due to compartmentalization, eukaryotic cells present many barriers to viral replication. Unsurprisingly, viruses are experts at manipulating cellular membranes to their advantage. Viruses deform or breach membranes to get into and out of the target cells, remodel cellular compartments during replication, and use membranes as sites of genome replication or virion assembly. Such changes—be they localized and subtle or global and dramatic—are a testament to the impressive ability of the viruses to interact with host membranes and reshape them to suit their needs.

This Special Issue aims to highlight recent progress in our understanding of how viruses interact with and alter host membranes.

Prof. Dr. Ekaterina (Katya) Heldwein
Guest Editor



mdpi.com/si/150029

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Eric O. Freed

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

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.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

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)

Contact Us

Viruses Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/viruses
viruses@mdpi.com
[X@VirusesMDPI](https://twitter.com/VirusesMDPI)