

Special Issue

Cellular Mechanisms Regulating HIV Replication

Message from the Guest Editor

Curing and eradicating HIV require a deep insight into viral replication mechanisms. Over the past two decades, significant progress has been made in understanding the complex interaction between HIV-1 and host factors that either facilitate or inhibit viral replication. This Special Issue of *Viruses* will review the latest developments in the HIV-1 field, with a particular focus on host cell factors that participate in various steps of viral replication such as viral entry and capsid nuclear import, as well as uncoating, integration, transcription, viral packaging, and assembly. This collection of comprehensive articles will summarize our current knowledge of the role of host factors in HIV-1 replication, which can help in the future development of novel HIV-1-targeting therapeutics.

Guest Editor

Prof. Dr. Sergei Nekhai

Department of Medicine, Howard University, Washington, DC 20059, USA

Deadline for manuscript submissions

closed (15 December 2024)



Viruses

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/181459

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).