

## 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, USA

### Deadline for manuscript submissions

closed (15 December 2024)



## Viruses

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## 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.

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### Editor-in-Chief

Dr. Eric O. Freed

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