Special Issue

Virus Ecology and Evolution: Current Research and Future Directions

Message from the Guest Editor

Dear colleagues, Understanding virus ecology and evolution is essential to vaccine and antiviral drug development, virus epidemiological surveillance and emergence prediction, virulence progression, and other phenomena relevant to public health, conservation, and agriculture. Topics in virus ecology and evolution may include virus-host coevolution, immune and vaccine evasion, virulence evolution, virus host-range evolution and emergence, virus life history evolution, coinfection and viral 'sex', evolution of virus genome structure and origins of virus genes, virus population genetics and phylodynamics, virus quasispecies, virus adaptive landscape structure, virus robustness and evolvability, and virus experimental evolution. The aim of this Special Issue is to communicate the latest research results and reviews on these topics and others relating to virus ecology and evolution.

Guest Editor

Prof. Dr. John J. Dennehy

Department of Biology, Queens College of the City University of New York, New York, NY 10016, USA

Deadline for manuscript submissions

closed (30 April 2020)



Viruses

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/35426

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



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 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).

