

## Special Issue

# Infectious Disease Epidemiology and Transmission Dynamics

### Message from the Guest Editors

This Special Issue aims to explore different research areas and to collect articles that focus on infectious disease epidemiology and transmission dynamics. Furthermore, we expect to gain more insight into the applications of such approaches in various areas such as public health, health economics, health informatics, evolution, immunity, and medical affairs. Areas of interest include but are not limited to the following topics:

- Infectious disease epidemiology and transmission dynamics;
- Spatial and temporal transmission patterns of infectious diseases;
- Effects of pharmaceutical interventions such as mass testing, vaccines, or antivirals;
- Inference of key epidemiological parameters;
- Health economics;
- Phylogenetics and phylodynamics;
- Seroepidemiology;
- User-centered design of visual analytics systems for infectious disease epidemiology and transmission dynamics to facilitate the gaining of insight, decision-making, or predictive analysis.

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### Guest Editors

Dr. Lin Wang

Dr. Zhanwei Du

Dr. Wei Luo

Dr. Rachel Sippy

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### Deadline for manuscript submissions

closed (31 October 2022)



## Viruses

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**Impact Factor 3.5**  
**CiteScore 7.7**  
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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

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

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### 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).