



## Diagnostics, Antiviral Therapy and Vaccination against Orthopoxvirus Infections

Guest Editors:

**Prof. Dr. Sergei N. Shchelkunov**

State Research Center of Virology and Biotechnology VECTOR, Rospotrebnadzor, Koltsovo, Novosibirsk, Russia

**Dr. Larisa N. Shishkina**

State Research Center of Virology and Biotechnology VECTOR, Rospotrebnadzor, Koltsovo, Novosibirsk, Russia

Deadline for manuscript submissions:

**closed (27 September 2023)**

### Message from the Guest Editors

Dear Colleagues,

In the decades since the eradication of smallpox, the human population has almost completely lost herd immunity, not only against smallpox but also against other zoonotic orthopoxviruses. To date, this has led to the fact that outbreaks of human infections caused by monkeypox, cowpox, buffalopox, or vaccinia viruses are increasingly being recorded on different continents, and the risk of widespread epidemics of orthopoxvirus infections is increasing. Therefore, the development of new diagnostic methods, creation of antivirals, and modern vaccines against orthopoxviruses are of particular importance.

This Special Issue will review the latest research findings on the development of express diagnostic methods, the search for effective antivirals, and the creation of modern safe vaccines against orthopoxvirus infections.





an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Eric O. Freed

Director, 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, AGRIS, and other databases.**

**Journal Rank:** JCR - Q2 (*Virology*) / CiteScore - Q1 (Infectious Diseases)

## Contact Us

---

Viruses Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

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