



**viruses**



an Open Access Journal by MDPI

## African Swine Fever Virus 2.0

Guest Editor:

**Dr. Manuel Borca**

USDA ARS Plum Island Animal  
Disease Center, Greenport, NY,  
USA

Deadline for manuscript  
submissions:

**closed (15 June 2022)**

### Message from the Guest Editor

In the last few years, African swine fever (ASF) has become one of the most feared infectious diseases affecting swine production and the commercialization of swine-derived products across many geographical regions of the world. The etiological agent, ASF virus (ASFV), is a large, structurally complex virus with a double-stranded DNA genome encoding for over 150 proteins. Although the disease was originally identified in the 1920s, research on ASF has dramatically intensified in just the last ten years. This Special Issue of *Viruses* will be devoted to covering different aspects of ASFV research. Special emphasis will be placed on reports focused on molecular mechanisms mediating virus virulence, virus pathogenesis in domestic and wild swine, host immune responses involved in protection against infection, the development of different types of experimental vaccines, molecular bases of virus replication, virus structure, and novel/improved diagnostic methodologies.

This Second Special Issue of *Viruses* expects to offer scientists working on ASF a forum to share high-quality research in a variety of thematic areas of ASF research.



[mdpi.com/si/107524](https://mdpi.com/si/107524)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Dr. Eric O. Freed

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)