

## Special Issue

# Viral Diseases of Aquaculture: Epidemiology, Mechanism, Diagnosis and Treatment

### Message from the Guest Editors

Since the identification of the first aquatic animal virus, more than 70 have been isolated worldwide, with some members being highly virulent and widely distributed, causing huge global economic losses. Despite their growing understanding in recent years, they still present serious threats to the sustainable development of aquaculture due to a high infectivity and lack of effective antiviral treatments. Viral diseases are the result of the “pathogen–host–environment” interaction.

Epidemiology, diagnosis and treatment studies are critical to reveal the complexity of viral diseases and develop efficient prevention strategies against them in the field of aquaculture. In this Special Issue of *Viral Diseases of Aquaculture: Epidemiology, Mechanism, Diagnosis and Treatment*, we seek research papers contributing to our understanding of Viral Diseases of Aquaculture, studying topics including, but not limited to, the epidemiology, emerging diseases, virus identification, virus infection mechanism, diagnosis, vaccines and antiviral research.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 November 2022)



## 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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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).