

## Special Issue

# Advances in Infectious Diseases of Aquaculture Animals

### Message from the Guest Editors

Aquaculture provides a substantial supply of high-quality aquatic food for human consumption. Over the past few decades, global aquaculture production has grown significantly through the optimization of species and advances in aquaculture technology. However, intensive aquaculture remains severely threatened by infectious diseases, which continue to cause major economic losses in production.

Although considerable efforts have been made, outbreaks of infectious diseases persist, posing a key constraint to the sustainable development of the industry. This Special Issue aims to explore a wide range of topics of interest, including, but not limited to, the following:

- Novel pathogens of aquaculture animal diseases;
- Interaction between aquaculture pathogens and their hosts;
- New techniques for detecting aquaculture pathogens;
- Antibiotic alternatives for pathogen control;
- Application of emerging technologies and methods in aquatic animal disease research, prevention, and control.

We welcome original research articles and reviews that provide new insights into the prevention, diagnosis, and management of infectious diseases in aquaculture.

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### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## Pathogens

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## About the Journal

### Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

*Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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### Editor-in-Chief

Prof. Dr. Hinh Ly

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

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#### Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)