

Special Issue

Infectious Diseases in Aquaculture: Mechanisms, Detection, and Control

Message from the Guest Editors

Aquaculture is the fastest-growing sector in the global agrifood industry. However, the burgeoning expansion of aquaculture has been accompanied by the emergence of infectious diseases. Emerging diseases are particularly challenging because they are not well understood when they first appear, which threatens the sustainable development of aquaculture. This Special Issue focuses on the latest research outcomes on emerging infectious diseases in aquaculture. Research topics may include, but are not limited to:

- Reports of newly recognized viruses, bacteria, fungi, or parasites isolated or identified from aquatic organisms;
- Identification and characterization of an infectious agent with its pathogenicity and associated pathology in susceptible populations of emerging diseases;
- Development of a specific or innovative method for the diagnosis of emerging diseases in the laboratory or near ponds;
- Molecular mechanisms of the infection and pathogenesis by an emerging infectious agent;
- Development and practice of measures to reduce clinical morbidity, limit disease transmission, and reduce industry losses

Guest Editors

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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