

Special Issue

Infectious Diseases in Aquatic Animals

Message from the Guest Editor

Infectious diseases in aquatic animals present a significant threat to both wild and farmed species. These infections can be caused by a variety of pathogens, including bacteria, viruses, fungi, and parasites, each with unique modes of transmission and pathogenesis. Understanding the dynamics of these diseases is crucial for developing effective prevention and control strategies to safeguard aquatic animal health and, by extension, the health of human populations reliant on these resources.

This Special Issue of *Pathogens* seeks to gather cutting-edge research and reviews that enhance our understanding of infectious diseases in aquatic animals. We are interested in studies that elucidate the mechanisms of pathogen infection, host immune responses, and environmental factors influencing disease outbreaks. Additionally, we welcome contributions that explore novel diagnostic methods, novel animal models, therapeutic approaches, and biosecurity measures aimed at mitigating the impact of these diseases. We invite researchers to submit original research articles, comprehensive reviews, and insightful case reports that address these topics.

Guest Editor

Dr. Roberto Bermúdez Pose

Department of Anatomy, Animal Production and Veterinary Clinical Sciences, University of Santiago de Compostela, Santiago de Compostela, Spain

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Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Hinh Ly

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

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