

Special Issue

Aquatic Animal Diseases and Vaccine Development

Message from the Guest Editor

The global aquaculture industry faces unprecedented challenges from emerging and re-emerging aquatic animal diseases that threaten food security, biodiversity, and economic stability. We recognize the urgent need to advance our understanding of pathogen–host interactions and accelerate vaccine development for sustainable aquatic health management. This Special Issue aims to publish work on research addressing critical gaps in aquatic animal disease mechanisms for pathogenic microorganisms such as fungal, bacterial, and viral infections, etiology, epidemiology, host non-specific immunity and adaptive immune response, molecular cytopathology, fish mucosal immunology, and vaccine application, as well as fish vaccine design and development and innovative disease control strategies.

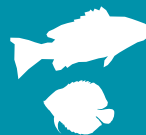
Guest Editor

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Deadline for manuscript submissions

20 November 2025



Fishes

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Impact Factor 2.4
CiteScore 3.0



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About the Journal

Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

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