

## Special Issue

# Fish Immunological Mechanism and Control of Pathogens

### Message from the Guest Editors

Aquaculture has made remarkable contributions to ensuring high-quality food, enhancing farmers' income, and fostering social and economic development. However, with the expansion of aquaculture varieties and scale, intensification improvements, and increased circulation of aquatic animals, aquatic diseases are characterized by higher frequency, wider incidence area, a greater variety, complex etiology, and strong sudden onset. The challenge of epidemic control is also increasing. Understanding the process and underlying mechanisms of fish immune responses to pathogens infections will be beneficial for screening safe and effective fishery drugs, developing vaccines and immune enhancers, and breeding new varieties with disease resistance. Therefore, comprehending fish immunological mechanisms is crucial for disease control. This Special Issue aims to collect and publish original research manuscripts or reviews that focus on the cutting-edge research of fish immunological mechanisms and control of pathogens.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 January 2025)



## Fishes

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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.

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### Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

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