



fishes



an Open Access Journal by MDPI

Fish Immunological Mechanism and Control of Pathogens

Guest Editors:

Dr. Fei Zhao

Pearl River Fisheries Research
Institute, Chinese Academy of
Fishery Sciences, Guangzhou
510380, China

Dr. Yanwei Li

College of Marine Sciences,
South China Agricultural
University, Guangzhou 510642,
China

Deadline for manuscript
submissions:

20 January 2025

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.



mdpi.com/si/211373

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubAg](#), [FSTA](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Marine and Freshwater Biology*)

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2024).

Contact Us

Fishes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/fishes
fishes@mdpi.com
[X@Fishes_MDPI](#)