

## Special Issue

# Interactions between Fish and Microbes

### Message from the Guest Editor

The relationship between fishes and microbes in aquatic environments or fish internal environment constitutes an extremely complex and sophisticated microecosystem. The complex interactions are important drivers of ecosystem functions and coinfection diseases, leading to the transition of microorganisms from mutualism to antagonism, and they are critical for fish health and maintenance of aquatic environment stability. We invite you to submit papers on the recent advances in the interaction mechanisms between fishes and microbes, relating, for example, symbiotic metabolomics, dual-transcriptomics or proteomics, water-environmental regulation mediated by symbiotic interactions and infection-mediated microbial interactions of microbes, along with groundbreaking research on symbiotic interactions with coinfection disease control, prevention and treatment, and sustainable and healthy aquaculture via microbial interactions. We look forward to publishing your latest research with new exciting findings on the topic of symbiotic interaction mechanism between fishes and microbes, and we also welcome aspects related to coinfection diseases. Dr. Aijun Lü

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### Guest Editor

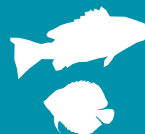
Prof. Dr. Aijun Lv

College of Fisheries, Tianjin Agricultural University, Tianjin 300384, China

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### Deadline for manuscript submissions

closed (31 July 2024)



## Fishes

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*Fishes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[fishes@mdpi.com](mailto:fishes@mdpi.com)

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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

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

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