

## Special Issue

# Nutrition and Immunity of Fish and Shellfish

### Message from the Guest Editor

In recent decades, aquaculture production for human consumption has increased rapidly. However, associated diseases have become a major potential threat to the sustainable development of aquaculture. The ban on the use of antibiotics as prophylactic agents or growth promoters has become an international consensus; thus, alternative strategies for biocontrol in aquaculture need to be urgently developed. Recently, great efforts have been made in the study of functional substances (prebiotics, probiotics, postbiotics and plant extracts, etc.) as immunostimulants in fish and shellfish production. This Special Issue welcomes contributions on the topics involving a variety of functional substances in the nutrition metabolism, immunomodulation, disease resistance and gut microbiota of fish. The eminent research in these fields should hopefully contribute to the progression of aquaculture toward sustainable development. Therefore, I am pleased to invite you to contribute to this Special Issue of the journal *Fishes*, titled “Nutrition and Immunity of Fish and Shellfish”.

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### Guest Editor

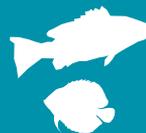
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### Deadline for manuscript submissions

closed (25 April 2023)



## 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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