

## Special Issue

# Molecular Genetics and Genomics of Marine Fishes

### Message from the Guest Editors

The living fish species encompass the great majority of non-tetrapod vertebrates, and serve as an important clade of highly commercial, ecological, evolutionary, and conservation significance. Marine fishes play crucial ecological roles in marine ecosystems, contributing to high levels of biodiversity; they are also a major source of protein for human populations and support economies and important social structures in many nations. However, overfishing, global warming, and habitat loss contribute drastically to large-scale population declines of marine fish species. It is therefore imperative to understand these species for sound management and conservation of marine fish resources. Genetic and genomic investigations can largely deepen our knowledge on species diversity, adaptation, and evolution, thus facilitating effective fishery management and biodiversity conservation. However, limited genetic and genomic resources of marine fish species have been reported until now, so I am pleased to invite you to contribute to the Special Issue.

*Assistant*

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### Guest Editors

Dr. Shengyong Xu

Prof. Dr. Zhiqiang Han

Dr. Yuan Li

Dr. Binbin Shan

Dr. Tianyan Yang

Dr. Shaolei Sun

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### Deadline for manuscript submissions

15 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.

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### Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

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