

## Special Issue

# Selective Fish Breeding for Improved Aquaculture Production

### Message from the Guest Editor

In aquaculture, the implementation of an SBP began in the 1970s in rainbow trout and common carp—almost 50 years later than in livestock farming. SBPs play a key role in the main challenges facing aquaculture, such as sustainable increased productivity, infectious disease outbreaks, and environmental impact. During their inception, SBPs were centred on growth and feed efficiency traits; later, other aspects were included, such as processing yield, product quality, and aspects related to disease resistance and survival, among others. Subsequently, applications of genomic technologies have come to improve the efficiency of SBPs, and research has been extended to genome sequencing, gene expression, gene searching, and genome editing. Thus, the widespread implementation of SPBs plays a key role in ensuring sustainability and increasing the efficiency of the sector.

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### Guest Editor

Dr. Eva Armero

Animal Production Section, Universidad Politécnica de Cartagena, Cartagena, Spain

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### Deadline for manuscript submissions

closed (31 July 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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