

# Special Issue

## Stress Responses in Fish

### Message from the Guest Editors

Fish in aquatic environments are continuously exposed to a wide range of stressors, including environmental stressors, e.g., lack of oxygen, pathogens, pollution, and climate-driven changes and handling (aquacultured fish). These stressors can impair immune competence, metabolism, growth, and overall welfare, underscoring the need for integrated scientific approaches to better understand and mitigate stress impacts in fish.

Advancing our knowledge of the physiological, molecular, and ecological dimensions of fish stress responses is essential for improving aquaculture productivity and thus ensuring sustainable aquaculture. This Special Issue aims to bring together cutting-edge research on the mechanisms, consequences, and management of stress in fish. By integrating insights from molecular biology, physiology, immunology, behavior, ecology, and aquaculture science, we hope to foster a deeper understanding of how fish respond to acute and chronic stressors, and how these responses can be monitored, regulated, modulated, and applied toward improved fish health and welfare.

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### Guest Editors

Dr. Ali Reza Khansari

Department of Biology and Environmental Sciences, University of Gothenburg, 413 90 Gothenburg, Sweden

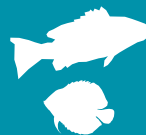
Prof. Dr. Lluís Tort

Department of Cell Biology, Physiology and Immunology, Autonomous University of Barcelona, 08193 Barcelona, Spain

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### Deadline for manuscript submissions

20 November 2026



## 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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