Special Issue

Physiological Responses of Fish to Stressors

Message from the Guest Editor

In the field of fish physiology, the response to stressors is typically initiated and regulated by hormonal systems. These systems trigger a series of events that can affect various life functions, including metabolism, immunity, behavior, growth, reproduction, development and even adaptation. This Special Issue aims to explore cutting-edge advancements in various physiological responses of fish to both natural stressors and human-derived disruptions. Submissions may take the form of original research, a full or mini-review, an opinion piece, or a meta-analysis. These submissions should address the following themes, though they are not limited to these topics: • Physiological responses of wild fish under human-derived interference. • Physiological responses of aquatic fish under unfavorable conditions. • New technology, including omics, used in fish physiological responses to stressors. • Molecular mechanisms underlying the adaptation to various stressors. • Interactions between the stress axis and other physiological activities such as immunity, metabolism, development and reproduction. • Physiological responses of fish to stressors in a perspective of evolution.

Guest Editor

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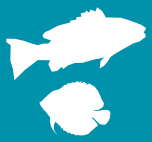

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Maria Angeles Esteban
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