

Special Issue

Fish Hematology

Message from the Guest Editors

Fish aquaculture production is one of the fastest animal productions. The maintenance of healthy fish is fundamental to the productivity of this sector.

Monitoring the health of fish using hematological analysis is especially important as a direct or inferential indicator because this gives information related to the tolerance to a stressor agent or/and illness of the fish. Alterations of environmental factors and the presence of a wide range of pathogens can result in changes in physiological and behavioral responses and even the death of the fish due to stress and is one of the potential problems in the advancement of fish culture.

Notwithstanding that the determination of hematological parameters represents a useful tool for evaluating erythropoietic activity, cytotoxic and genotoxic effects, nutritional status, immune system, stress response, fish health and welfare status, etc., there is still a lack of knowledge of blood parameters in fish species of importance for aquaculture and especially in those that have the potential to be farmed.

Guest Editors

Dr. Oscar Basilio Del Rio-Zaragoza

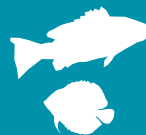
Instituto de Investigaciones Oceanológicas, Universidad Autónoma de Baja California, Ensenada 22860, Mexico

Dr. Emyr S. Peña-Marín

Instituto de Investigaciones Oceanológicas, Universidad Autónoma de Baja California, Ensenada 22860, Baja California, Mexico

Deadline for manuscript submissions

closed (20 May 2025)



Fishes

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Impact Factor 2.4
CiteScore 3.0



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

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