

Special Issue

The Metabolism and Function of Lipids and Fatty Acids in Fishes

Message from the Guest Editors

Lipids and fatty acids are the major organic constituents of fish, and they play major roles as the sources of metabolic energy for growth, reproduction and movement. Furthermore, the fatty acids of fish lipids are rich in ω -3 long-chain n-3 HUFAs that have particularly important roles in animal nutrition. Indeed, fish are the most important food source of these vital nutrients for man. Thus, the longstanding interest in fish lipids stems from their abundance and uniqueness. The aim and scope of this Special Issue attempts to concentrate on the knowledge of various aspects of basic biochemistry, metabolism and function of fatty acids and lipids in fish, and highlight the areas that require investigation in greater depth, along with the increasing application of molecular technologies in fish lipid metabolism, which will further facilitate advances through molecular, biological and genetic techniques, including genomics and proteomics.

Guest Editors

Dr. Jishu Zhou

College of Animal Science and Technology, Northwest A&F University, Yangling 712100, China

Dr. Jingjing Tian

Pearl River Fisheries Research Institute, Chinese Academy of Fishery Sciences, Guangzhou, China

Deadline for manuscript submissions

closed (30 April 2024)



Fishes

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 4.4



mdpi.com/si/172652

Fishes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fishes@mdpi.com

[mdpi.com/journal/
fishes](https://mdpi.com/journal/fishes)





Fishes

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 4.4



[mdpi.com/journal/
fishes](https://mdpi.com/journal/fishes)



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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Marine and Freshwater Biology) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)