

Special Issue

Bioactive Compounds from Fishery Processing By-Products and Their Applications

Message from the Guest Editors

The fish industry generates a massive amount of fishery processing byproducts (FPBPs) with accessible fish waste reported to be 27.85 million tons per year at a global scale. Untreated FPBPs may lead to environmental issues that result in reducing life quality and health if they are not utilized effectively. Some major FPBPs such as crab shells, shrimp shells, squid pens, fish skins, fish viscera, and fish heads contain various valuable bioactive components and are also rich in proteins, carbohydrates, lipids, and minerals. Therefore, FPBPs may be used for a wide spectrum of purposes, such as food additives, animal and fish feeds, nutraceuticals, cosmetics, pharmaceuticals, biofertilizers, nutrient components for microbial fermentation, biofuels, biomaterials, etc. This special issue aims to collect and announce all the worldwide investigations related to the reuse of FPBPs. We strongly recommend studies using FPBPs for the extraction of bioactive compounds or as carbon/nitrogen sources for the microbial fermentation process to produce bioactive molecules. Research papers, communications, and review papers are also welcome.

Guest Editors

Dr. Van Bon Nguyen

Prof. Dr. San-Lang Wang

Dr. Chien Thang Doan

Dr. Manh Dung Doan

Deadline for manuscript submissions

closed (15 May 2022)



Fishes

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 3.0



mdpi.com/si/93924

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 2.4
CiteScore 3.0



[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), PubAg, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Marine and Freshwater Biology) Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).