

## 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](https://mdpi.com/si/93924)

*Fishes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[fishes@mdpi.com](mailto: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), GEOBASE, PubAg, FSTA, and other databases.

#### Journal Rank:

JCR - Q1 (Marine and Freshwater Biology)