



an Open Access Journal by MDPI

## Bioactive Peptides from Marine By-Products and Underused Marine Organisms

Guest Editors:

**Prof. Dr. Hideki Kishimura**

Faculty of Fisheries Sciences,  
Hokkaido University Hakodate,  
Hokkaido, Japan

**Dr. Yuya Kumagai**

Faculty of Fisheries Sciences,  
Hokkaido University, Hakodate,  
Hokkaido 041-8611, Japan

Deadline for manuscript  
submissions:

**closed (30 July 2021)**

### Message from the Guest Editors

According to “The State of World Fisheries and Aquaculture 2018” published by Food and Agriculture Organization of the United Nations (FAO), fish accounted for about 17 percent of animal protein consumed by the global population in 2015. By contrast, it is estimated that byproducts occupy about 25 to 35 percent of the total volume of fishmeal and fish oil.

However, fishery byproducts (trimmings, skin, fins, bone, scale, etc.) and underused marine organisms (invertebrates, macro algae, fisheries bycatch, etc.) usually contain a considerable amount of proteins. Therefore, these materials can be considered a potential source of bioactive peptides, as well as nutrition.

This Special Issue aims to accumulate the knowledge of preparation, function, structure, and application of bioactive peptides from fishery byproducts and underused marine organisms. This Special Issue aims to contribute to the achievement of multiple goals of SDGs (No. 2, 3, 12, 14), and we would like to invite scientists to submit their latest research findings in this field. Comprehensive review papers are also welcome.



[mdpi.com/si/56580](https://mdpi.com/si/56580)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Bill J. Baker

Department of Chemistry,  
University of South Florida, 4202  
E. Fowler Ave., CHE 205, Tampa,  
FL 33620-5250, USA

## Message from the Editor-in-Chief

During the past few decades there has been an ever increasing number of novel compounds discovered in the marine environment. This is exemplified by the robust preclinical and clinical pipeline that currently exists for marine natural products. *Marine Drugs* is inviting contributions on new advances in marine biotechnology, pharmacology, chemical ecology, synthetic biology, and genomics approaches related to the discovery of therapeutically relevant marine natural products. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Embase](#), [PubAg](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmacology, Toxicology and Pharmaceutics (miscellaneous))

## Contact Us

---

*Marine Drugs* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/marinedrugs](http://mdpi.com/journal/marinedrugs)  
[marinedrugs@mdpi.com](mailto:marinedrugs@mdpi.com)  
[X@Marine\\_Drugs](#)