



## Fishery Discards, Processing Waste and Marine By-Products Valorization in the Era of Zero Waste: From Discovery to Profit 2.0

Guest Editors:

**Dr. Concetta Messina**

Department of Earth and Marine Sciences, University of Palermo, Laboratory of Marine Biochemistry and Ecotoxicology, via Barlotta 4, Trapani, Italy

**Dr. Andrea Santulli**

Department of Earth and Marine Sciences, University of Palermo, Laboratory of Marine Biochemistry and Ecotoxicology, via Barlotta 4, Trapani, Italy

Deadline for manuscript submissions:

**closed (25 February 2022)**

### Message from the Guest Editors

The increasing pressure on natural resources has resulted in an urgent need to optimize their yields by reshaping the destiny of the by-products of the main food supply chains. The reduction of food loss and waste, as well as their valorization, is crucial to “go circular”, following the principle of a circular economy, and to achieve the goal of “zero waste”.

We have enthusiastically embraced the possibilities offered by this new Issue, and we encourage the submission of research papers and reviews on high-value bio-based marine products from aquatic by-products and waste, such as functional foods, food additives, animal feeds, nutraceuticals, cosmetics, pharmaceuticals, and materials (e.g., clothes, leathers, and bioplastics). With the conviction that all of this information will contribute to defining a strategy to turn waste and bio-products into profit, we encourage also papers dealing with the mechanisms of action of bio-based products, safe and sustainable extraction systems and processes, and information and results on organisms that produce these bio-based products.





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](#)