

Special Issue

Recent Advances in Marine Food By-Products: Biomolecular Structure, Functional Properties and Potential Activities

Message from the Guest Editors

In recent years, there has been an increase in the exploration of the structural complexity and biological activity of these marine-derived biomolecules. Their antioxidant, anti-inflammatory, antimicrobial, and immunomodulatory properties suggest great potential across diverse industries.

This Special Issue of *Foods* aims to gather recent advances in the extraction, characterization, and functional assessment of bioactive compounds from marine by-products. We invite submissions of original research, reviews, and short communications that address innovative technologies and practical applications

Keywords:

- marine by-products;
- extraction technologies;
- bioactive compounds;
- functional properties;
- biomolecular structure;
- structure-activity relationship;
- nutraceuticals;
- value-added products;
- waste management;
- sustainable valorization;
- food applications;
- circular economy

We warmly encourage your contributions and look forward to collaborating through this important initiative.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

Editor-in-Chief

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