

Special Issue

Sustainable Valorization of Seafood By-Products through Recovery of Valuable Bioactive Compounds

Message from the Guest Editors

Seafood processing, mainly on factory vessels, generates a large number of by-products, such as heads, bones and guts, which represent between 30% and 70% of the whole weight. These by-products, although hardly used, are a good source of macro and micronutrients, as well as of molecules with bioactive potential such as polyunsaturated fatty acids, peptides, or chitosan. An improved waste processing strategy is, however, necessary to extract these compounds, especially in the framework of a circular economy. In this context, we invite authors to contribute to this Special Issue with articles on the extraction of bioactive molecules from seafood processing by-products, with cosmetic, pharmaceutical, or nutraceutical interest. Articles describing an optimisation of the extraction process of these molecules, mainly using green technologies; their bioactive effect in vitro and/or in vivo; as well as processes that favour their production (e.g., fermentation), are also welcome.

Guest Editors

Dr. Oscar Martinez-Alvarez

CSIC—Instituto de Ciencia y Tecnología de Alimentos y Nutrición (ICTAN), Institute of Food Science, Technology and Nutrition (ICTAN, CSIC), Madrid, Spain

Prof. Dr. Ali Bougatef

Laboratory for the Improvement of Plants and Valorization of Agroresources, National School of Engineering of Sfax (ENIS), University of Sfax, Sfax 3038, Tunisia

Deadline for manuscript submissions

closed (30 June 2024)



Marine Drugs

an Open Access Journal
by MDPI

Impact Factor 5.4
CiteScore 10.1
Indexed in PubMed



mdpi.com/si/158084

Marine Drugs
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
marinedrugs@mdpi.com

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About the Journal

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.

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

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