



foods



an Open Access Journal by MDPI

Marine Biotechnology in the Food Domain

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

Dr. Mauricio Esteban Mosquera Jordán

Departamento de Ciencias de Alimentos y Biotecnología, Escuela Politécnica Nacional | EPN, Quito, Pichincha, Ecuador

Deadline for manuscript submissions:

closed (15 July 2024)

Message from the Guest Editors

The ocean is one of the world's major repositories of biodiversity, with some 250,000 known species, while approximately two-thirds of the world's marine species remain unidentified. While some of these species are overexploited, others remain largely underexplored and undervalued. This situation contrasts with the increased demand by modern societies for healthy foods, for which biomolecules obtained, sustainably, from marine sources could be used as ingredients.

In this context, we invite authors to contribute articles related to the implementation of marine biotechnology in the food industry at the levels of basic and applied research, the industrial scale and commercial applications. This Special Issue covers the novel use of molecules of marine origin (including by-products derived from seafood processing) as techno-functional ingredients as well as their use in innovative packaging.

We welcome articles and reviews dealing with the extraction of marine biomolecules (including enzymes) via green technologies, their isolation and characterization, as well as the cultivation and identification of marine species and the study of their secondary metabolites of interest in food.



mdpi.com/si/144089

Special Issue

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN 47907, USA

2. Department of Comparative
Pathobiology, Purdue University,
West Lafayette, IN 47907, USA

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.

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**, **PMC**, **FSTA**, **AGRIS**, **PubAg**, and **other databases**.

Journal Rank: JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
X@Foods_MDPI