



foods



an Open Access Journal by MDPI

Edible Seaweeds: An Emerging Source of Nutrition, Functional Food and Nutraceutical Products

Guest Editors:

Dr. Manish Kumar Patel

Department of Postharvest
Science of Fresh Produce,
Agricultural Research
Organization (ARO), Volcani
Institute, Rishon LeZion 7505101,
Israel

Dr. Avinash Mishra

Central Salt and Marine
Chemicals Research Institute
India, Bhavnagar, India

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

Marine seaweeds have recently been identified as possible sources of beneficial metabolites and bioactive molecules with diverse biological and physiological properties. Seaweeds are recognized as a rich source of numerous dietary components as well as metabolites with medicinal properties. Overall, seaweeds are a rich source of proteins, PUFAs, metabolites, vitamins, sulfated polysaccharides, and minerals, all of which are responsible for various bioactivities; they are therefore perceived as a promising functional food (nutraceutical). Among the many bioactive compounds, seaweed polysaccharides have been shown to have anticoagulant, anti-inflammatory, antioxidant, anti-carcinogenic, and antiviral properties. This Special Issue aims to collect scientific contributions that can provide more insights into the nutraceutical potential of seaweeds in terms of various metabolites (primary and secondary), polysaccharides, potential biological applications, limitations, research gaps, and future prospects in seaweeds.



mdpi.com/si/133533

Special Issue



foods



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

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

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
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 & Technology*) / CiteScore - Q1 (*Health Professions (miscellaneous)*)

Contact Us

Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](#)