

## Special Issue

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

### 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.

### 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)



## Foods

an Open Access Journal  
by MDPI

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/133533](https://mdpi.com/si/133533)

*Foods*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto:foods@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[foods](https://mdpi.com/journal/foods)





# Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/journal/  
foods](https://mdpi.com/journal/foods)



## 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

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

---

### Author Benefits

#### 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))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).