



foods



an Open Access Journal by MDPI

Algae as Nutritional and Functional Food Sources: New Insights and Understandings

Guest Editors:

Dr. Massimo Castellari

Institute of Agriculture and Food Research and Technology (IRTA), Food Industry Area, Finca Camps i Armet s/n, 17121 Monells, Spain

Dr. Fatma Boukid

ClonBio Group Ltd., 6 Fitzwilliam Pl, D02 XE61 Dublin, Ireland

Deadline for manuscript submissions:

closed (30 May 2022)

Message from the Guest Editors

Algae (microalgae and seaweed) are showing an upward trend in several fields (e.g. food, feed, cosmetic, biofuel and pharmaceutical), owing to their high nutritional value, sustainability, and versatility. As functional ingredients in food formulations, algae offer a vast spectrum of interesting and high-value components such as proteins, phlorotannins, vitamins, pigments (carotenoids and phycocyanin), polyunsaturated fatty acids, minerals, etc.

This Special Issue aims to collect original research papers and review articles related to algae ingredients for food applications, with a special emphasis on their nutritional value, health benefits, technological and sensory characteristics, as well as on the effects of their incorporation in different food matrices.

Strategies and innovative processing technologies to improve the quality and safety of algae-derived ingredients (fermentation, treatments with pulsed electric field, ultrasonication, etc.) are also welcome.



mdpi.com/si/63679

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 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](https://www.instagram.com/Foods_MDPI)