

## Special Issue

# Microalgae in Food Systems: From Cultivation to Application

### Message from the Guest Editors

As sustainable and nutrient-dense ingredients, microalgae offer immense potential to address global food security and nutrition challenges. We welcome contributions that focus on innovative cultivation techniques, harvesting methods, and processing technologies for edible microalgae. Of particular interest are studies that investigate the incorporation of microalgal biomass into various food products, their effects on nutritional composition, their functional properties, and consumer acceptance. We also encourage submissions on the use of microalgae in developing novel food products, such as meat analogues and fortified foods. Additionally, research on the scalability and economic feasibility of microalgae-based food production is highly relevant. This Special Issue will provide a comprehensive overview of the current state and future directions of microalgae in food systems, bridging the gap between fundamental research and practical applications in the food industry.

---

### Guest Editors

Dr. Jiangyu Zhu

School of Food Science and Engineering, Yangzhou University,  
Yangzhou 225000, China

Prof. Dr. Minato Wakisaka

Food Study Centre, Fukuoka Women's University, 1-1-1 Kasumigaoka,  
Fukuoka 813-8529, Japan

---

### Deadline for manuscript submissions

closed (20 November 2025)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/216828](https://mdpi.com/si/216828)

*Foods*

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

[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 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).