



*foods*



an Open Access Journal by MDPI

## Novel Protein for Future Foods: Current Status, Challenges, and Perspectives

Guest Editors:

**Dr. Malik Altaf Hussain**

Agriculture and Food Sciences  
Discipline, School of Science,  
Western Sydney University,  
Sydney, Australia

**Dr. Li Li**

School of Science, Western  
Sydney University, Sydney,  
Australia

Deadline for manuscript  
submissions:

**31 January 2025**

### Message from the Guest Editors

Alternative proteins are a mega food innovation trend in the global commercial food sector.

The current revolution in novel proteins is driven by several factors including increased consumer concerns around health and climate change. Some reports indicated an increase of 302% in new packaged consumer goods, launched with a plant-based claim, between 2018 and 2022. A many-fold increase is anticipated in the use of forage-based domestic protein sources in the coming years. With this rapid shift in consumption patterns, it is a crucial and challenging task to manage the food safety of alternative protein sources to protect consumer health, build trust in emerging food technologies, and ensure the long-term success and acceptance of these products within the food industry. This Special Issue aims to provide original research or reviews in the field of novel protein sources with emphasis on current state-of-the-art technology, challenges, and opportunities in the future.



[mdpi.com/si/210023](https://mdpi.com/si/210023)

**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](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)