

## Special Issue

# Food Proteins and Bioactive Peptides: Novel Sources, Characteristics and Applications—Second Edition

### Message from the Guest Editors

Protein is an important nutrient in the body's growth and the biological functions through which bioactive peptides are derived from a protein means that they often possess higher bioactivity, than their parent protein. Protein also plays a critical role in maintaining the functional properties of food products, e.g., emulsifying, foaming, and water binding. Traditionally, proteins that originate from animal sources such as meat, poultry, fish, eggs, and milk have been the main proteins in human diets. A shift towards plant-based proteins has occurred, as these have emerged as an acceptable alternative protein source for human consumption. This Special Issue aims to highlight novel protein sources on the market and approaches to improving the properties and nutritional qualities of current and new protein sources, such as their digestibility and bioactivity. We are also interested in combining plant and animal proteins, which has the potential to be a future trend in protein consumption. In addition, we hope to address challenges occurring in plant protein production and the utilisation of plant protein in food applications in this Special Issue.

---

### Guest Editors

Prof. Dr. Hilton Deeth

School of Agriculture and Food Sciences, The University of Queensland, Brisbane, Australia

Dr. Thao Le

Department of Food Science and Microbiology, Auckland University of Technology, Auckland, New Zealand

---

### Deadline for manuscript submissions

closed (10 January 2026)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/242825](https://mdpi.com/si/242825)

*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/  
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).