

Special Issue

Study on the Plant Protein in Food

Message from the Guest Editors

The most important plant protein sources are cereals, pseudo-cereals, oilseeds, and food legumes, including oilseed legumes. The grains of these crops can be consumed without the enrichment of proteins or after protein enrichment. Either way, processing operations can also affect their physicochemical properties and eventually determine their functionality. The utilisation of plant proteins for food applications is often challenging due to factors such as their large molecular weight and size, poor solubility in water and suboptimal technofunctional and organoleptic properties. Unlike meat-based proteins, plant proteins are typically complex mixtures with unpredictable behaviour. In addition, they are often considered to be nutritionally inferior compared to animal-based proteins due to their reduced essential amino acid profiles and low digestibility. Research on plant proteins is increasing exponentially, with the aim of understanding the raw materials and improving the quality of meat and dairy analogues for increased consumer acceptance within the relevant psychological, social and cultural context.

Guest Editors

Prof. Dr. Poul Erik Jensen

Dr. Ourania Gouseti

Dr. Iben Lykke Petersen

Deadline for manuscript submissions

closed (5 March 2023)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/100409

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 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).