

Special Issue

Food Proteins from Animals and Plants: Structure, Functionality and Applications

Message from the Guest Editors

Protein is a kind of organic compound with a complex chemical structure, and it is an essential nutrient for the human body. Protein is one of the important components of the human body, as all its cells and tissues contain protein. It has been proved that the birth, existence, and extinction of life are all related to protein. Protein is the material basis of life, and there would be no life without protein. The intake of dietary protein is the basis of evaluating human nutritional status, and a certain amount of high-quality protein should be ensured in dietary protein. Processing technology impacts protein. The application of some emerging technologies, such as ultrasound, high-pressure, microwave, and pulsed electric field in non-thermal processing technology, can reduce the impact of processing technology on protein and maintain its original nutritional value to the greatest extent. In addition, people's awareness of health is growing. Now, it has become a hot spot to discuss the nutritional functional characteristics of high-quality diet protein and the research and application of new nutritious and healthy food.

Guest Editors

Dr. Jing Wang

Institute of Food and Nutrition Development, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Dr. Xiaoye He

Institute of Food and Nutrition Development, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Deadline for manuscript submissions

closed (25 July 2024)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/176301

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).