



foods



an Open Access Journal by MDPI

Extraction Technologies, Functional Properties, and Biological Activities of Plant Proteins

Guest Editors:

Dr. Xiushi Yang

Institute of Bast Fiber Crops,
Chinese Academy of Agricultural
Sciences, No. 348 Xianjiahu West
Road, Changsha 410205, China

Dr. Yang Yao

Institute of Crop Science, Chinese
Academy of Agricultural Sciences
(CAAS), 80 South Xueyuan Road,
Haidian, Beijing 100081, China

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

Dear Colleagues,

Plant proteins could be applied in food processing to improve the functional performance of food matrices, such as solubility, emulsifiability, foamability, etc. Beyond these functionalities, plant proteins claim to show a series of biological activities, including anti-inflammatory, antihypertensive, antidiabetic, and antihyperlipidemic properties. Both the functional and biological characteristics of plant proteins are related to their physicochemical properties and nutritional composition, which can be determined by plant resources and extraction methods.

This Special Issue aims to highlight the most recent knowledge and advances in the field of plant-derived proteins. The submission of research, or review providing state-of-the-art knowledge on proteins from plants is encouraged. Research areas may include (but are not limited to) the following: traditional and novel extraction or separation technologies of plant proteins; the physiochemical characterization of plant proteins; functional property analysis of plant proteins with or without modification; the bioactive activity assessment of plant proteins by *in vitro* or *in vivo* assays.



mdpi.com/si/186549

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 & Technology*) / CiteScore - Q1 (*Health Professions (miscellaneous)*)

Contact Us

Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
X@Foods_MDPI