

Special Issue

Utilization of Plant Protein for Functional Food Ingredients and Biobased Products

Message from the Guest Editors

The demand for plant-based proteins as alternatives to animal-derived proteins has been steadily rising in multiple food systems. Existing research has also revealed that the nutritional quality of plant proteins, strategies for wisely using plant proteins to meet indispensable amino acid requirements, effects of plant proteins on health and physical function, and potential health and safety concerns associated with plant proteins. However, plant proteins have comparatively poor functionality, defined as poor solubility, foaming, emulsifying, and gelling properties, limiting their use in food products. Recently, the functional properties of plant protein were improved with different technologies, such as physical treatment, chemical modification, and addition of polysaccharides and polyphenols. The structures of plant proteins have also been explored. This Special Issue may include, but are not limited to, the exploration and modification of the protein–polysaccharide or protein–polyphenol interactions, the inclusion of plant protein-generated flavors, and novel techniques for the modification of plant protein structures.

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Deadline for manuscript submissions

closed (10 April 2025)



Foods

an Open Access Journal
by MDPI

Impact Factor 6.0
CiteScore 10.3
Indexed in PubMed



mdpi.com/si/199738

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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.

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