Special Issue

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

Message from the Guest Editors

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 pant 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.

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Deadline for manuscript submissions

closed (5 March 2025)

Foods

an Open Access Journal by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed

mdpi.com/si/186549

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Indexed in PubMed

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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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