

Special Issue

New Insights into the Structural, Functional and Nutritional Properties of Plant-Based Proteins

Message from the Guest Editors

Proteins are essential macronutrients in the human diet, and in order to fulfill protein requirements for the ever-growing global population, new protein sources must be exploited. This problem emphasizes the importance of plant-based proteins. However, to maximize their use in food products, comprehensive analysis of structural, functional, and nutritional properties is mandatory. Therefore, this Special Issue of *Foods* aims to provide insight into the alternative sources of plant-based proteins and their potential use in human nutrition. The focus is set on the methods for their extraction and purification and how they affect structural, functional, and nutritional properties, and, as a result, their application in food products. We also encourage papers offering new insights into emerging methods for extraction, modification, purification, characterization, or application of plant-based proteins from traditional protein crops. Additionally, papers reporting different biological functions of plant-based proteins are also welcome.

Guest Editors

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Deadline for manuscript submissions

closed (25 April 2026)



Foods

an Open Access Journal
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Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



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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

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