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

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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



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Message from the Editor-in-Chief

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