

## Special Issue

# Plant Proteins: Extraction, Functionality and Food Applications

### Message from the Guest Editor

In the context of a growing demand for proteins worldwide and the need to move towards a more sustainable diet, the development of new products based on plant proteins is an actual issue for the food industry and offers new challenges for researchers. For the application of plant proteins in food, the characterization of the technofunctional properties of protein ingredients including solubility, emulsifying, foaming, gelling, texturizing and film-forming properties, is of significant importance. Additionally, the functionalization of plant proteins by physical and biological treatments have to be considered as a means to improve their technological properties. In future related studies, the impact of the interactions between proteins and non-protein compounds or plant secondary metabolites retained during extraction should be investigated. Studies aiming to investigate health benefits, nutritional and sensory properties of such plant-based alternatives are required to increase consumer acceptability. The impact of new formulations and processing methods on the quality of plant-based products have to be evaluated more extensively.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 April 2024)



## Applied Sciences

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### Editor-in-Chief

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