



## Plant Proteins: Extraction, Functionality and Food Applications

Guest Editor:

**Prof. Dr. Rémi Saurel**

Institut Agro Dijon, Procédés  
Alimentaires et Microbiologiques  
(UMR PAM), Université  
Bourgogne Franche-Comté  
(ComUE), 1 Esplanade Erasme, F-  
21000 Dijon, France

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### 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.





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## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**

Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

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Applied Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
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