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Food Proteins and Bioactive Peptides: Novel Sources, Characteristic and Application

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Message from the Guest Editors

Protein is an important nutrient in the body's growth and biological functions for which the bioactive peptides derived from the protein often possess higher bioactivity, e.g., antioxidant, antihypertensive, anti-cancer, anti-inflammatory, than the parent protein. Protein also plays a critical role in maintaining the functional properties of food products e.g., emulsifying, foaming, and water-binding. Traditionally, proteins originated from animal sources such as meat, poultry, fish, eggs and milk have been the main proteins in human diets. This trend has shifted towards plant-based proteins which have emerged as an acceptable alternative protein source for human consumption. This Special Issue is to highlight novel protein sources on the market as well as approaches to improve the properties and nutritional qualities such as digestibility and bioactivity of the present and new protein sources. Also, combining plant and animal proteins has potential to be a future protein consumption trend. In addition, challenges occurring in plant protein production and utilisation of plant protein in food applications are expected to be addressed in this Special Issue.



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Special Issue



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Message from the Editor-in-Chief

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