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Advances in Bioactive Proteins and Peptides from Plant Foods

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Message from the Guest Editor

Dear Colleagues,

Many foods are rich in bioactive proteins and peptides with many beneficial health effects, which can be adapted to prepare nutraceuticals and functional foods for disease management while reducing the overreliance on drugs in combatting diseases. Plant-derived bioactive proteins and peptides have received a great amount of interest since they have antibacterial, antiviral, antifungal, anti-inflammatory, anticancer and other biological and physiological activities. For the wide application in functional foods and nutraceuticals, the research critically focuses on the extraction and purification of bioactive proteins/peptides from natural plant resources, protein hydrolysate, microbiological fermentation product; the relationship between structure and function of bioactive proteins and peptides; the role of bioactive peptides produced by plant-based fermented product; how to improve the bioavailability of bioactive proteins/peptides in vitro and in vivo. This will provide a deep understanding of how bioactive proteins and peptides from plant influence the nutrition and health properties of foods.

Dr. Xingfei Li
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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