

Special Issue

Preparation, Purification and Characterization of Food-Derived Proteins and Bioactive Peptides—Applications in the Food Industry

Message from the Guest Editor

Proteins and bioactive peptides have continued to attract considerable research attention due to their extensive functional, nutritional, and health-promoting properties. Advances in extraction techniques and novel purification methods have significantly improved yield and specificity, enabled precise structural and functional characterization, and thus broadened the utility of food-derived proteins and bioactive peptides. Over the past decade, considerable progress has been made in identifying peptides with various bioactivities, including antioxidant, antimicrobial, antihypertensive, and immunomodulatory properties, among others. For instance, food-derived proteins from dairy, legumes, cereals, and emerging sustainable sources (e.g., algae and insects) have been reported to be rich reservoirs of bioactive peptides with those properties. This Special Issue is intended to be a collection of critical reports on the state of the science so far, current challenges limiting the full industrial utilization of functional proteins and bioactive peptides, and future prospects and opportunities.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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