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Research and Development of Functional Peptide in Foods

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Message from the Guest Editor

Functional peptides, derived from food proteins, have been studied due to their potential as health-promoting agents against numerous human health and disease conditions. These peptides can regulate important body functions through their activities, including antioxidant, antihypertensive, antimicrobial, antithrombotic, memory enhancement, immunomodulatory, and mineral binding functions. In the past few decades, a wide range of functional peptides in foods have been identified, with multiple health beneficial activities. However, the commercial application of these functional peptides has been delayed because of the absence of appropriate and scalable production methods, proper exploration of the mechanisms of action, high gastro-intestinal digestibility, and variable absorption rate. These need to be studied in depth.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the structure–activity relationship of functional peptides, their digestive properties, absorption and bioavailability, and their molecular mechanisms of action.

We look forward to receiving your contributions.



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Special Issue



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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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