



*foods*



an Open Access Journal by MDPI

## Current State-of-the-Art Technologies for Exploring Food-Derived Bioactive Peptides

Guest Editors:

**Prof. Dr. Dong-Woo Lee**

Department of Biotechnology,  
Yonsei University, Seoul 03722,  
Republic of Korea

**Prof. Dr. Moon-Suhn Ryu**

Department of Food and  
Nutrition, College of Human  
Ecology, Yonsei University, Seoul  
03722, Republic of Korea

Deadline for manuscript  
submissions:

**closed (10 August 2022)**

### Message from the Guest Editors

Bioactive peptides (BPs) are referred to as organic substances formed by amino acids joined through covalent bonds such as amide or peptide bonds. Currently, new technologies are emerging to explore new food-derived BPs as food additives and functional ingredients, produce novel BPs using biocatalysts, and develop novel therapeutic agents contributing to improving human health. This special issue aims to augment, in detail, the recent findings and current ideas on the identification, bioassays, high-throughput screening, purification, production, and uses of BP in commercial products to identify/develop new BPs for promoting health benefits and/or curing human diseases. We welcome original research articles and reviews that cover areas: Screening novel BPs using experimental and/or computational approaches; BPs discovery by enzyme-ligand interactions; Protein engineering for improving BPs' activity and binding affinity; BPs as food additives and nutraceuticals; Therapeutic BPs; Prebiotic, probiotic, and postbiotic BPs.



[mdpi.com/si/85687](https://mdpi.com/si/85687)

**Special** Issue



*foods*



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Arun K. Bhunia

1. Department of Food Science,  
Purdue University, West  
Lafayette, IN, USA

2. Department of Comparative  
Pathobiology (Courtesy), Purdue  
University, West Lafayette, IN,  
USA

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [FSTA](#), [AGRIS](#), [PubAg](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

## Contact Us

---

*Foods* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)