



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

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 47907, USA

2. Department of Comparative
Pathobiology, Purdue University,
West Lafayette, IN 47907, 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

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)