

## Special Issue

# Key Bioactive Components of Probiotics and Postbiotics and Their Applications in Foods

### Message from the Guest Editors

With the advancement of microbiological research and the growing demand for nutritional health foods, the study of probiotics and postbiotics has emerged as a key research focus in the fields of food science, nutritional health, and biotechnology. A substantial body of evidence indicates that probiotics and postbiotics play crucial roles in regulating gut microbiota homeostasis, enhancing immune barrier functions, ameliorating metabolic disorders, and supporting neurological health. Certain metabolites within probiotics and postbiotics are integral to these biological functions; however, the exploration, identification, mechanisms of action, and applications of these key bioactive substances require further investigation. Research in this area will provide a foundational understanding of the biological functions of probiotics and facilitate the advancement of the probiotics industry. To foster academic exchange and innovation in this domain, we announce a Special Issue entitled “Key Bioactive Components of Probiotics and Postbiotics and Their Applications in Foods”, and we request contributions from experts in the field.

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### Guest Editors

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### Deadline for manuscript submissions

20 July 2026



## Foods

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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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### Editor-in-Chief

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