

## Special Issue

# Advances in Beneficial Food Microorganisms: Isolation, Identification, Characterization and Applications

### Message from the Guest Editors

This Special Issue aims to provide a broader perspective of the latest advances in beneficial food microorganisms. We aim to address the following: 1) Where can we explore new sources of beneficial food microorganisms? 2) How can we isolate these new microorganisms? 3) How can we identify their functional components? 3) How can we illustrate their functional/beneficial component metabolic pathways? 4) How can we implement the application or potential of beneficial food microorganisms in practice?

Methodological advances in all areas of beneficial food microorganisms, from fundamental research to applied research, will be covered. We welcome both original research and review articles on topics including, but not limited to, the following:

- Microbiomes;
- Metagenomes;
- Enzyme engineering;
- Probiotics;
- Expolysaccharides;
- Aromatic compounds;
- Pigments;
- Vitamins;
- Biodegradation;
- Food fermentation.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 March 2025)



## 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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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).