

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.

Guest Editors

Dr. Xiaomin Li

School of Biotechnology, Jiangnan University, 1800 Lihu Road, Wuxi, China

Dr. Xingguang Chen

School of Food and Biological Engineering, Hefei University of Technology, Hefei 230601, China

Deadline for manuscript submissions

closed (15 March 2025)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/199554

Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)





Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
foods](https://mdpi.com/journal/foods)



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.

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

Author Benefits

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))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).