

Special Issue

Microbiome Dynamics and Flavor Formation Mechanism in Baijiu Fermentation

Message from the Guest Editors

Baijiu, the Chinese national alcohol, is a fermented product whose flavor formation is driven by complex microbial metabolism. Modern biotechnology has unveiled many aspects of this process, revealing abundant microbial resources and intricate interactions between the environment, microbes, and manufacturing. Consequently, scientific interest is growing in using these microbial-driven processes to improve traditional products and develop new foods with superior flavor and functional properties. However, the associations between microbiome dynamics and flavor formation require further exploration. We invite submissions to this Special Issue of Foods. It aims to cover novel analysis methods, omics approaches, microbial succession patterns, metabolic networks, and innovative starter culture design.

Guest Editors

Dr. Bowen Wang

Dr. Hehe Li

Dr. Xiaolong Hu

Deadline for manuscript submissions

15 March 2026



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/253089

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).