

Special Issue

Fermented Treasures: Exploring Tradition and Innovation in Traditional Foods

Message from the Guest Editor

This Special Issue invites the submission of original research articles, reviews, and perspectives that span various microbiological aspects of traditional fermented foods, including, but not limited to, the following:

- **Microbial Ecology and Fermentation Dynamics:** Investigations into the microbial diversity, population dynamics, and metabolic activities occurring during the fermentation process in traditional food production.
- **Microbial Diversity and Functional Genomics:** Utilization of advanced molecular techniques and omics approaches to characterize microbial communities, identify key functional genes, and decipher metabolic pathways relevant to the fermentation of traditional foods.
- **Technological Aspects:** Studies of traditional fermentation techniques, microbial methods, and their implications for food security.
- **Nutritional and Health Benefits:** Studies evaluating the contribution of microbial metabolites, probiotics, and bioactive compounds derived from fermentation to the nutritional composition, flavor profile, and potential health effects of traditional fermented foods.

Guest Editor

Dr. Teresa Semedo-Lemsaddek

Centre for Interdisciplinary Research in Animal Health (CIISA), Faculty of Veterinary Medicine, University of Lisbon, Av. da Universidade Técnica de Lisboa, 1300-477 Lisbon, Portugal

Deadline for manuscript submissions

closed (31 March 2026)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/200635

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

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





Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).