

Special Issue

Tradition and Modernity in Fermented Foods: Emerging Trends to Promote Quality, Safety and More, 2nd Edition

Message from the Guest Editor

At present, advanced biotechnology tools have revolutionized our ability to better control the fermentation process and to improve safety, quality, and nutritional issues without the loss of the particular attributes of fermented foods through the use of modernized processes.

In this view, we welcome research papers regarding the following themes (not an exhaustive list):

- Research for the molecular profiling of fermentation-related microorganisms and interactions, including omics-based approaches;
- Starter culture technology to improve the quality and safety of fermented foods;
- Improvement of the fermentation process toward more sustainable and healthy fermented foods, including lesser-known ethnic fermented foods that allow local communities to moderate/diminish the impact of COVID-19 and improve food security;
- Functional microbial metabolites of fermented foods;
- Molecular markers for traceability in fermented food origin and safety issues.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2025)



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Message from the Editor-in-Chief

Applied Microbiology (ISSN 2673-8007) is a peer-reviewed open access journal that provides an advanced forum for the international community to report and discuss established and emerging applications for microorganisms and their associated technologies. Research articles, reviews, and other publications are released online immediately after acceptance to provide timely unlimited free access to the scientific community and the general public. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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