



foods



an Open Access Journal by MDPI

Fermented Food: Processing Technology, Microbiology and Health Benefits

Guest Editors:

Prof. Dr. W. F. Duarte

Department of Biology, University of Lavras (UFLA), Campus Universitário, Lavras 37200-900, MG, Brazil

Dr. Zlatina A. Genisheva

CVR-Centre for Waste Valorization, Guimarães, Portugal

Prof. Dr. Flaviano Santos Martins

Department of Microbiology, Institute of Biological Sciences, Federal University of Minas Gerais, Belo Horizonte 31270-901, MG, Brazil

Deadline for manuscript submissions:

20 November 2024

Message from the Guest Editors

Dear Colleagues,

Food fermentation is an ancient process that transcends simple preservation. This process can transform ingredients into nutritious products, improve sensory aspects, and aggregate functional properties. This technique, mastered by microorganisms, has been used for thousands of years by many civilizations, shaping history and human health. Over the centuries, fermentation has adapted to market changes and the emergence of consumer niches. In this Special Issue, entitled “Fermented Foods: Processing Technology, Microbiology and Health Benefits”, we hope to obtain contributions in the form of original articles encompassing innovative research focused on fermented foods and their processing, including preservation and modification via fermentation, as well as their beneficial aspects. Among the many topics covered by the theme of this Special Issue, we highlight the following:

- Fermentations with unconventional microorganisms;
- Fermented foods based on byproducts;
- Functional fermented foods;
- Development/characterization of new fermented foods;
- Innovative ways to conduct the fermentation process;
- New ingredients and substrates for fermentation.



mdpi.com/si/206234

Special Issue



foods



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

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))

Contact Us

Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)