

Special Issue

Microbial and Emerging Technologies as Alternatives to Enhance Processes in a Sustainable Food Supply Chain

Message from the Guest Editors

This Special Issue delves into the utilization of microbial technologies and alternative methods as emerging technologies that can enhance food processing within sustainable food supply chains. It emphasizes the integration of innovative techniques to advance practices in food and fermented food production, aligning with the sustainable development goals of the food sector.

This publication seeks to highlight the synergy between advanced microbiology techniques, omics technologies, and other emerging technologies to discover new solutions and methods for sustainable food and fermented food production. Additionally, this Special Issue will explore the genetic and phenotypic characteristics of microorganisms, particularly bacteria and yeasts, as well as new technologies that can impact the safety and quality of food, promising significant technological advancements in sustainable food systems.

We aim to update and discuss results from culturing, predictive models, technology comparisons, genomics, transcriptomics, metagenomics, and metatranscriptomics. And we hope to contribute new trends to be considered in the implementation of sustainability in food industry supply chains.

Guest Editors

Dr. Wilson Jose Fernandes Lemos Junior
Department of Biology, University of Padova, Padova, Italy

Prof. Dr. Leandro Cappato
Instituto Federal de Educação, Ciência e Tecnologia Goiano Campus
Rio Verde, Rio Verde, Brazil

Deadline for manuscript submissions

closed (25 November 2024)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/203386

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).