

Special Issue

Microbial Metabolic Pathways and the “Fermented Plant Foods – Human Health” Axis

Message from the Guest Editors

The Issue aims to build a platform to discuss the multitude of microbial metabolic pathways that may affect the health-promoting properties of plant-based foods during fermentative process. Fermentations may lead to significant changes in the health-promoting features of fruit- and vegetable-based foods and beverages. Lactic acid fermentation is the most widespread and represents an established biotechnological tool. Nevertheless, the functionality of the most representative microbial groups involved in plant fermentations deserves to be further exploited to increase the level of bioactive compounds or to decrease that of antinutritional factors during fermentation. The exploitation of microbial metabolic pathways along the “fermented plant foods–human health” axis is linked to food products innovation, which is approaching novel formulations based on natural ingredients or food industry by-products as functional ingredients. We would like to invite you to contribute with original research and review papers addressing latest findings on the functional exploitation of microbial metabolic pathways during fruit and vegetable fermentation.

Guest Editors

Prof. Dr. Raffaella Di Cagno

Prof. Dr. Marco Gobbetti

Dr. Pasquale Filannino

Deadline for manuscript submissions

closed (15 November 2020)



Foods

an Open Access Journal
by MDPI

Impact Factor 4.7
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/26597

Foods

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 4.7
CiteScore 7.4
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, USA
2. Department of Comparative Pathobiology (Courtesy), Purdue University, West Lafayette, IN, 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 14.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).