



*foods*



an Open Access Journal by MDPI

## Microbiome and Volatile Compounds in Fermented Products

Guest Editors:

**Prof. Dr. Jasna Mrvčić**

Faculty of Food Technology and  
Biotechnology, University of  
Zagreb, Zagreb, Croatia

**Prof. Dr. Damir Stanzer**

Faculty of Food Technology and  
Biotechnology, University of  
Zagreb, Zagreb, Croatia

Deadline for manuscript  
submissions:

**closed (5 December 2023)**

### Message from the Guest Editors

Due to the important role of fermentation in food processing and preservation, this special issue aims to establish a deeper relationship between the food microbiome and the characteristic metabolites and volatiles in traditional and industrial fermentation processes.

### The special issue will address the following topics:

- Microbial diversity and metabolites in fermented foods.
- Volatile compounds in fermented foods.
- Changes in volatile compounds during fermentation.
- Dynamics of the microbiome during fermentation.
- Correlation between microbial diversity and specific volatile compounds.
- Statistical approach and applied models to link significant microbiota and specific volatiles.



[mdpi.com/si/140525](https://mdpi.com/si/140525)

**Special** Issue



*foods*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Arun K. Bhunia**

Department of Food Science,  
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](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)