



## Recent Advances in Food Fermentation Technology

Guest Editors:

### Dr. Wendy Franco

Department of Chemical  
Engineering and Bioprocess,  
Pontifical Catholic University of  
Chile, Av. Vicuña Mackenna 4860,  
Santiago, Chile

### Dr. Alejandra Urtubia

Departamento de Ingeniería  
Química y Ambiental,  
Universidad Técnica Federico  
Santa Marúa. Av. España 1680,  
Valparaíso 2390123, Chile

Deadline for manuscript  
submissions:

**31 August 2025**

### Message from the Guest Editors

Food fermentation technology has evolved significantly over the past decade, driven by scientific advancements and growing consumer demand for healthier, sustainable, and flavorful food products. The traditional art of fermentation, which has been practiced for thousands of years, is now being revolutionized by cutting-edge research and innovative applications in microbiology, biotechnology, and food science. This Special Issue aims to provide a comprehensive overview of the latest trends, breakthroughs, and future directions in food fermentation technology.

We invite researchers to contribute original research articles, reviews, and case studies that explore various aspects of food fermentation. Topics of interest include but are not limited to the following:

- **Innovative Fermentation Processes ;**
- **Microbial Diversity and Functionality ;**
- **Health and Nutritional Benefits ;**
- **Sustainability and Environmental Impact ;**
- **Sensory and Quality Enhancements ;**
- **Applications in Diverse Food Systems ;**
- **Regulatory and Safety Aspects ;**





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Giancarlo Cravotto

Department of Drug Science and  
Technology, University of Turin,  
Via P. Giuria 9, 10125 Turin, Italy

## Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

## 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), Ei Compendex, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

## Contact Us

---

Processes Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)