

# Special Issue

## Food Fermented with Lactic Acid Bacteria and Its Immune-Related Applications

### Message from the Guest Editors

Lactic acid bacteria (LAB) possessing several applications such as probiotics, as microbial cell factories, can produce a variety of metabolites. Distinctive LAB species in unknown niches with applicable technological properties are vastly needed in the present time to be used in the food industry. The present topic will focus on understanding the nutritional significance, pharmacological potential and adopted molecular mechanisms in immune system-related ailments.

The aim of this Special Issue of *Microorganisms* is to present a collection of articles that provide current research development in the field of food biotechnology. This topic welcomes original research and review articles in the field of fermented functional foods along with their pharmacological potential and other applications focusing on (but not limited to):

- Assessment of therapeutical efficacy of fermented foods and related mechanisms;
- Targeting specific signaling proteins;
- Targeting different signaling pathways involved in allergy, inflammation and immune-related ailments.

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### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2023)



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## About the Journal

### Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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### Editor-in-Chief

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#### Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).