

Special Issue

The Metabolism of Lactobacilli: Molecular Mechanisms and Applications

Message from the Guest Editors

We are pleased to announce a Special Issue of *Microorganisms* on "The Metabolism of Lactobacilli: Molecular Mechanisms and Applications." This Special Issue will cover a range of topics related to the metabolism of lactobacilli, including the molecular mechanisms underlying their metabolic pathways, the impact of environmental factors on their metabolism, and the potential applications of lactobacilli in various fields. This Special Issue will provide a comprehensive overview of the latest research on the metabolism of lactic acid bacteria, highlighting recent advances in our understanding of their molecular mechanisms and exploring the different applications. Submissions may cover a wide range of areas including (but not limited to) the metabolism of lactic acid bacteria in food and beverage production, the use of lactic acid bacteria in probiotic and gut health, lactic acid bacteria in livestock compost, and the potential of lactic acid bacteria to produce bioactive compounds with therapeutic effects.

Guest Editors

Dr. Junko Nishimura

Dr. Kenji Fukuda

Dr. Yasushi Kawai

Deadline for manuscript submissions

closed (15 June 2024)



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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.

Editor-in-Chief

Dr. Nico Jehmlich

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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).