

Special Issue

Dairy Food and Microorganisms: The Role of Microorganisms in Improving the Safety, Quality and Nutritional Value of Dairy Foods

Message from the Guest Editors

Today, not only do consumers want to experiment with different flavors and ingredients in dairy products, but due to the rising number of life-threatening chronic illnesses in some countries, they are also more careful about their food selections. Moreover, consumers are more focused on healthy nutrition. As a result, the consumption of dairy foods with functional properties is increasing. This Special Issue welcomes papers on the following topics, among others:

- Bioactive compounds produced by advantageous bacteria, e.g., lactic acid bacteria, which exert advantageous effects on dairy food quality and safety, as well as human health.
- Edible coatings as carriers for protective bacteria in dairy food applications.
- Immobilization and encapsulation technologies for advantageous bacteria in dairy food applications.
- Safety concerns and problem solving regarding dairy food production and shelf life.
- Probiotic microorganisms in dairy food production.

Guest Editors

Dr. Kristina Kondrotiene

Dr. Mindaugas Malakauskas

Dr. Loreta Šernienė

Deadline for manuscript submissions

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

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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

Department of Molecular Toxicology, UFZ-Helmholtz Centre for
Environmental Research, 04318 Leipzig, Germany

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).