

# Special Issue

## Wine Fermentation Microorganisms

### Message from the Guest Editors

This Special Issue of *Microorganisms* will explore the latest research on the role of microorganisms in wine fermentation. As we welcome original research articles, reviews, and short communications covering, but not limited to, microbial diversity and dynamics in wine fermentation; the role of non-*Saccharomyces* yeasts and lactic acid bacteria in winemaking; metabolic interactions between yeast and bacteria during fermentation; innovations in microbial management for improved wine quality; the impact of fermentation microbiota on wine aroma and flavor; the application of omics technologies (genomics, transcriptomics, proteomics, and metabolomics) in wine microbiology; biocontrol strategies and microbial-driven approaches to wine spoilage prevention; and fermentation management in organic, biodynamic, and natural winemaking

By bringing together leading researchers in wine microbiology, this Special Issue will advance scientific knowledge and provide innovative solutions for winemakers. We invite experts in microbiology, oenology, and related fields to share their latest findings and insights.

### Guest Editors

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### Deadline for manuscript submissions

30 September 2025



## Microorganisms

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Impact Factor 4.2  
CiteScore 7.7  
Indexed in PubMed



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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

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 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).