

## Special Issue

# The Use of Lactobacillus in Forage Storage and Processing, 2nd Edition

### Message from the Guest Editors

The use of Lactobacillus, a genus of lactic acid bacteria, has gained prominence in forage storage and processing due to its beneficial effects on fermentation and preservation. Lactobacillus species convert sugars into lactic acid through fermentation, reducing the pH and inhibiting spoilage microorganisms. Researchers have aimed to explore the application of Lactobacillus in forage storage, focusing on strain isolation, characterization, and selection. We welcome submissions that are on, but are not limited, the following subtopics:

- The isolation and characterization of Lactobacillus strains for forage storage and processing.
- The optimization of growth conditions and parameters for Lactobacillus activity in different forage types and storage systems.
- The effects of functional Lactobacillus on metabolites and bioactive compounds in ensiled forage, as well as on animal performance.
- Practical application methods for introducing Lactobacillus into forage storage.

Keywords: emerging forage; bacterial inoculant; bioactive compounds; metabolite; silage; microbial ecology; enzyme; animal health

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### Guest Editors

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### Deadline for manuscript submissions

31 July 2025



## Fermentation

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Welcome to a new open access journal, Fermentation, which meets the growing need for a high quality peerreviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this new journal and look forward to working with you to make Fermentation a leader in its field. Your contributions are vital for the success of this new journal. Proposals for editing a special issue for a particular topical area are always welcome.

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### Editor-in-Chief

Dr. Badal C. Saha  
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