

## Special Issue

# Application of Fermentation Technology in Animal Nutrition: 3rd Edition

### Message from the Guest Editor

Fermentation technology in animal nutrition has been used by human beings across the globe for a long time. Its technology has primarily been focused on animal feed aspects. Its main purpose was to store feedstuffs for a long-term period. Harvested forages, putrefiable agro-industrial or food processing by-products, and the total mixed rations with these ingredients are often ensiled in order to make them palatable, stable, and sanitary over seasons. Additionally, another purpose was to improve the feed's nutritional values or safety of underutilized feed resources with fermentation technology.

However, we still do not have a complete understanding of the most effective fermentation factors under various conditions, the mechanisms of fermentation products and metabolites' utilization inside the animal body, and their effect on ruminal fermentation, gastrointestinal microflora and health, animal productivity and health, and final animal products, among others.

In conclusion, we aim for this valuable Special Issue on fermentation in animal nutrition to provide promising scientific answers to these interesting questions.

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### Guest Editor

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### Deadline for manuscript submissions

15 August 2026



## Fermentation

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## About the Journal

### Message from the Editor-in-Chief

Welcome to an open access journal, *Fermentation*, which meets the growing need for a high quality peer-reviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this 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 journal. Proposals for editing a special issue for a particular topical area are always welcome.

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### Editor-in-Chief

Prof. Dr. Christian Kennes  
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