# Special Issue

# Microbial Diversity under Forage Silage Fermentation

## Message from the Guest Editors

Ensiling is a common way to preserve the moist forage crop. During ensiling process, various kinds of microorgansims are involved in silage fermentaion, and their structure and diversity greatly influenced the end-product quality. The interactions and selection between microorganisms produce specific metabolic patterns during ensiling. Therefore, study on microbial community structure, function and succession process is vital to understanding silage fermentation.Nowadays, the rapid development of metagenomics, microbial culturomics and transcriptomics techniques has allowed us to delve into microbial diversity, contributing to give a completeness view of culturable and nonculturable silage-associated bacteria. Therefore, a deeper insight into the microbial diversity during ensiling process remains a challenging subject for improving silage quality and develop new silage additives.This Special Issue is seeking contributions including comprehensive reviews and experimental research about the microbial diversity of the fermentation process and interactions amongst microbial species/groups or microbial ecology of forage silages.

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## Deadline for manuscript submissions

closed (1 December 2022)

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We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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