Special Issue

Forage Production and Preservation Techniques for Ruminant Animal II

Message from the Guest Editor

Preservation of forage via ensiling has become a global practice because it provides a consistent, reliable, and predictable feed supply with sufficient nutrients for the ruminant's production system. Lactic acid bacteria (LAB) have been considered as a major group of starter cultures with high competitiveness that has been used in the animal feed development sectors. Further, LAB has actively contributed to enhancing the nutritional contents of silages and preserved them for long-time storage by enhancing the acidification of silages via increasing essential organic acid production. This Special Issue aims to explore the role of lactic acid bacteria in the production of high-quality silage from grass and legume plants with potential probiotic and antimicrobial activity.

Guest Editor

Prof. Dr. Ki Choon Choi

Grassland and Forage Division, National Institute of Animal Science, Rural Development Administration, Chungcheongnam-do, Cheonan-si 31000, Korea

Deadline for manuscript submissions

closed (30 June 2021)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/71355

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

mdpi.com/journal/ applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



<u>applsci</u>



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)