

Special Issue

Ruminant Nutrition Strategies to Improve Feed Efficiency and Reduce Methane Emissions

Message from the Guest Editors

With the increasing shortage of food and feed materials, how to use less feed materials to produce more and better livestock products and ensure food security is a problem we need to solve. In the process of ruminant production, the development and utilization of unconventional feed materials such as straw, fruit residue, etc., and the rational use of non-protein nitrogen (urea) are important strategies to alleviate the shortage of feed materials. In addition, researchers are trying to use various ways of nutritional regulation to improve the feed utilization efficiency of ruminants.

In addition to improving feed efficiency, how to reduce methane emissions from ruminants to help mitigate global warming is an increasingly hot topic.

The aim of this Special Issue is to present an as-broad-as-possible range of innovations in the field of ruminant nutrition in regard to energy conservation and emission reduction. We encourage the submission of manuscripts covering topics from basic research to the application of new feed material or new feed additives.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)



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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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