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Recent Advances in Ruminant Nutrition and Feed Efficiency

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Message from the Guest Editors

Ruminants are valuable because of their ability to transform extensive renewable resources from rangeland, pasture, crop residues, or other by-products into food edible for humans. However, due to projections of human population growth, there is an increasing demand for milk and meat, complemented by the pressure to increase productivity and reduce the impact that ruminant livestock systems have on the environment. Thus, several ruminant nutrition strategies are needed to modulate fermentation, improve the feed efficiency, and mitigate the greenhouse gas emissions of these systems.

In this context, for this Special Issue, we invite the submission of relevant contributions on the recent advances in ruminant nutrition strategies to improve the efficiency of production in ruminant livestock species such as cattle, buffaloes, sheep, and goats. This Special Issue will cover original research articles and reviews on how nutrition modulation interacts with the feed efficiency in ruminants and reduces greenhouse gas emissions.

Deadline for manuscript submissions:

closed (31 January 2024)



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Special Issue



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Message from the Editor-in-Chief

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