

Special Issue

Nutrients and Feed Additives in Sheep and Goats

Message from the Guest Editor

Ruminant nutrition plays a crucial role in animal productivity and environmental sustainability. Sustainable feeding strategies aim to optimize the use of resources and minimize environmental impacts. Natural additives, such as essential oils, tannins, and probiotics, have gained prominence as alternatives to synthetic additives, promoting rumen health and improving animal performance. These compounds help balance the rumen microbiota, favoring digestion and feed efficiency. A sustainable approach also includes practices that mitigate methane emissions, one of the main greenhouse gases associated with animal production. Well-planned diets and environmental enrichment promote not only the physical health but also the behavioral balance of ruminants, ensuring a better quality of life. Thus, integrating quality nutrition with ethical and sustainable practices is key to meeting the challenges of modern livestock farming and meeting society's demands for safe, sustainable, and responsibly produced food.

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About the Journal

Message from the Editor-in-Chief

Ruminants (ISSN 2673-933X) is an international open access journal. It publishes original research articles, reviews, and communications that offer substantial new insight into any field of study that involves ruminants, including cattle, all domesticated and wild bovines, goats, sheep, giraffes, deer, gazelles, and antelopes.

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