Special Issue

Nutritional Strategies to Control Enteric Methane Production of Ruminants

Message from the Guest Editors

Ruminants are one of the main sources of animal protein (milk and meat) in the world; their diet is based mainly on grass forage. However, conventionally ruminant production systems draw heavily on natural resources and, if not sustainably managed, can contribute to the degradation and environmental pollution of detrimental ecosystems, mainly through methane emissions. Currently, numerous abatement measures are available to mitigate enteric methane emission. Improving feed quality is expected to reduce enteric methane production per unit of milk or meat produced. Improving feed quality can be achieved through improved grassland management, improved pasture species, and the use of locally available supplements. In addition, the use of local resources can reduce pressure on natural resources and competition for grains and cereals. Therefore, there is an urgent need to increase food production and to reach environmental objectives while preserving the health of our ecosystems.

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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