



Nutritional Interventions in Young Ruminants

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Message from the Guest Editors

In recent decades, a substantial research effort has been focused on the development of nutritional interventions to modulate the gastrointestinal (GI) microbiota and increase their productivity in adult animals. Recent research suggests that the mature GI microbiota are highly redundant and resilient to changes, making it difficult to persistently modify them in the adult animal. On the contrary, much less research has been dedicated to exploring the GI microbiota in young animals. This research topic aims to provide a key breakthrough to help us understand the factors that shape the GI microbiome in the young ruminant, its implications on animal digestive physiology and health, and to test whether nutritional interventions in early life can boost animals' productivity and adaptability to nutritional challenges later in life. Innovative papers from different research areas including nutrition, microbiology, physiology and immunology are invited to this Special Issue, with the aim of bringing together the latest findings in the nutrition of young ruminants.





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Message from the Editor-in-Chief

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