



## Early Life Nutrition in Ruminants

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### Message from the Guest Editor

Dear Colleagues,

Recent studies indicate that intervention in the early nutrition of ruminants is of great significance for later growth, development, production, and reproduction. Especially, the time around weaning is a critical period during which developmental plasticity, especially the rumen flora, is profoundly affected, with long-term consequences. Although the influence of early-life nutrition on long-term reproductive and carcass quality has been alluded to in many reviews, substantive evidence that this has a pronounced role remains elusive. This Special Issue aims to provide a key breakthrough to test whether nutritional interventions in early life can boost animals' productivity and adaptability to nutritional challenges later in life. We welcome authors to submit their review and research manuscripts concerning the survival and growth of young ruminants. Areas of interest include, but are not limited to, early nutrition management, the effect of fermentation by-products on GIT development, the early establishment of gut microflora, early immunity in ruminants, and the effect of nutrients on gut gene expression and function.

Sameer J. Mabjeesh  
*Guest Editor*





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## Message from the Editor-in-Chief

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