

Special Issue

Early Life Nutrition in Ruminants

Message from the Guest Editor

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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Deadline for manuscript submissions

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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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