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Nutrient Utilization, Requirements and Nutrigenomics in Sheep and Goats

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Message from the Guest Editor

The economic and social impacts of sheep and goat production in the improvement of living standards and alleviation of poverty in rural communities are recognized throughout the world. Understanding nutrient utilization by sheep and goats enhances the efficiency of production systems and maximizes resource economy, and minimizes the carbon footprint. Recent advancements in nutrigenomics have led to improved knowledge on the molecular interaction between nutrients and other dietary bioactives with respect to the genome, effect of food constituents on gene expression, and influence of genetic variation on nutrition and. Such understanding allows optimizing and customizing nutrition with respect to a subject's genotype and offers great potential for a more precise determination of nutrient requirements in sheep and goats. This Special Issue aims to promote better understanding of nutrient utilization and requirements in sheep and goats from the perspectives of traditional nutrition and nutrigenomics.



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Special Issue



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Message from the Editor-in-Chief

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