

Special Issue

Impact of Novel Dietary Regimen on Growth Performance and Nutrient Utilization in Monogastric Animals

Message from the Guest Editor

Advancing research in nutrient utilisation, feed conversion dynamics, and the physiological responses of monogastric species to novel dietary regimens provides a solid scientific foundation for improving livestock production systems. With conventional feed resources under increasing pressure and environmental concerns intensifying globally, innovative nutritional strategies are gaining significance in modern animal husbandry. Such approaches aim not only to improve productivity, feed efficiency, and carcass composition in novel way but also to integrate principles of sustainability and animal welfare. The use of biotechnological approaches, functional feed additives, and alternative feed resources offers promising pathways to optimise nutrient metabolism and enhance production quality. This Special Issue highlights the impact of novel dietary regimens, feed formulations, and innovative additives on the growth performance, nutrient utilisation, and final production quality of monogastric animals. We invite both original research and review articles addressing growth performance, feed efficiency, nutrient utilisation, and meat quality in response to innovative dietary interventions.

Guest Editor

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Message from the Editor-in-Chief

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