

## Special Issue

# Nutritional Intervention in Monogastric Farm Animals: Effects on Gut Microbial Ecology

### Message from the Guest Editor

Dear colleagues: Along with the need of healthy production of human being, the health of livestock, especially the monogastric farm animals, has attracted more attention in recent years. For young animals, the gut is one of the most sensitive to the changes of environment, feed, microbiota, etc. Therefore, a major concern is to guarantee the gut ecology, especially the gut microbial ecology, which is one of the important issue of animal nutrition field. For this purpose, nutritional intervention, including the supplementation of energy or protein ingredients, feed additives, minerals, vitamins in feed for poultry or swine are welcome and invited for this Special Issue. In particular, along with the severe climate change (like hot environment), the impact of nutrition intervention on animal gut health status, antioxidant capacity, immune response in animal feeds are welcome. keywords: Feed ingredients; Feed additives; Pig; Poultry; Gut microbiota; Antioxidant capacity; Immune response; Climate change

### Guest Editor

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### Deadline for manuscript submissions

closed (1 August 2023)



## Animals

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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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### Editor-in-Chief

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