



animals



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Research Advances in Nutritional Immunology in Non-ruminants: Immune Status and Antioxidant Capacity, 2nd Edition

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Message from the Guest Editor

Dear Colleagues,

In modern animal nutrition, there is a need to pay more attention not only to the growth performance results of reared animals but also to their health and well-being. Over the years, people have relied on the use of antibiotics in feed as growth promoters and disease prevention. However, the use of antibiotics has led to the emergence of pathogens that are resistant to antimicrobials. To use safer alternatives to antibiotics to improve growth performance and immune response, many novel feed materials and feed additives have been used under experimental conditions. However, there remains much to learn regarding the effects they have on animal physiology and health.

This Special Issue will focus on the effects that various dietary factors included in animal diets have on gut microbiota regulation, immune physiological responses, and antioxidant capacity in non-ruminants. You are cordially invited to contribute to this theme or related research topics that improve our knowledge and understanding of the impact that nutrition has on the immune system of non-ruminant animals.



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Special Issue



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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: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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