



animals



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Research Advances in Nutritional Immunology in Non-ruminants: Immune Status and Antioxidant Capacity

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Message from the Guest Editor

Dear Colleagues,

A properly functioning and well-balanced immune system is essential for maintaining health. Diet and nutrition can impact immune responses. Several feed additives, particularly those containing antioxidant compounds, have been shown to improve the antimicrobial, antioxidant, anti-inflammatory, and immunomodulatory effects of non-ruminant animals such as pigs, poultry, etc. To improve animal health, animal nutritionists have focused their studies on the relationships between diet and the immune system, and interest in using nutraceuticals and functional foods as immunomodulators in animal science and veterinary medicine is growing.

This Special Issue will focus on the use of feed and feed additives to modulate immune function and antioxidant capacity in non-ruminant animals. 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: 2.7 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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