

Special Issue

Impact of Diet Nutritional Quality on Swine Gastrointestinal Health and Growth Performance

Message from the Guest Editor

Understanding the interactions between nutrition and the immune system is crucial for adjusting nutrient requirements and dietary formulations to optimize swine production efficiency from the early stages. Research areas may include (but are not limited to) the following: health and immune status effects on nutrient partitioning and the nutrient requirements of swine; intestinal health and its effects on swine immunity and nutrition; the toxins and antinutritional factors of common feedstuffs fed to swine; the effects of the physical form of feed on pig performance and health; the impact of stress on nutrient metabolism, gastrointestinal tract development, and different stages of pig production; the potential implications of improved health provided by traditional feed ingredients or alternative ingredients; and microbiome and welfare interactions with swine nutrition and production.

Guest Editor

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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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