

## Special Issue

# Non-antibiotic Feed Additives: Implications for Pig Growth and Health

### Message from the Guest Editor

Antibiotics are used in swine feed as a growth promoter. However, the practice has become increasingly controversial and has been banned in the European Union, the United States of America, and China. Thus, finding safe and effective alternatives to traditional antibiotics will allow swine producers to maintain a competitive advantage.

The most commonly used feed additives include acidulants, zinc–copper, probiotics, direct-fed microorganisms, yeast-based products, nucleotides, and plant extracts. In this Special Issue, we intend to focus on the use of feed additives to strengthen the immune function and intestinal barrier function in pigs. We call on researchers to contribute their recent findings, especially those on the topics such as but not limited to the following keywords.

**Keywords:** Intestinal immune response; Intestinal mucosal morphology; Gut microbiota; Gut barrier; Inflammation; Growth performance; Meat quality; antioxidant capacity; plant extract

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 December 2022)



## 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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