

Special Issue

Frontiers in Modulating Intestinal Health in Pigs

Message from the Guest Editor

Intestinal health is an important topic regarding animal welfare and production performance. Optimal supply of nutrients and maintaining a beneficial intestinal microbiome are key factors for the successful production of healthy pigs. The same time proliferation of microbial pathogens is to be reduced to prevent health issues and production losses. In particular, the latter can be challenging when raising animals without traditional antimicrobial growth promoters, such as antibiotics and zinc oxide. Reliable replacements for these substances are therefore in high demand. Currently, different classes of feed additives, such as, for example, probiotics, prebiotics, organic acids and phytogenics, are in discussion to comply with this need. However, many details on the modes of action from these potential AGP alternatives are still not clarified.

The purpose of this Special Issue is to give both an update and new insights for strategies to influence and maintain intestinal health in pigs, especially regarding the role of feed additives in a post-antibiotic era. This Special Issue will include reviews and original research papers.

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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