

Special Issue

Intestinal Microbiota and Nutritional Regulation in Pigs

Message from the Guest Editors

Accumulating evidence has revealed that intestinal microbiota perform crucial functions in pigs, such as the maintenance of host physiological homeostasis, the promotion of immune system development, the regulation of host metabolism and influencing host health. Diet is one of the most important determinants that shape the profile of gut microbiota communities. Meanwhile, intestinal microbiota interact with the host in the metabolism of dietary nutrients. In pig production, nutrition regulation is one of the most important approaches to improving growth, health, and meat quality. Intestinal microbiota are considered represent an important target for nutrition regulation, which has been paid increasing attention.

We invite the submission of original research articles, critical reviews, and commentaries on topics such as the development of gut microbiota and their impact on piglets' health, intestinal microbiota and nutrition metabolism, and microbiota-targeted nutrition regulation strategies in pigs.

Guest Editors

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Deadline for manuscript submissions

closed (20 December 2023)



Animals

an Open Access Journal
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Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/163834

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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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