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## Intestinal Microbiota and Nutritional Regulation in Pigs

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Deadline for manuscript submissions:

**closed (20 December 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

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.



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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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