



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

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