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## Piglets Nutrition and Management

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submissions:

**closed (31 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

Weaning is a critical stage of sow production that influences the nutrition, disease resistance, and metabolism of the animal. Precision nutrition and functional feed additives are becoming the two major methods to decrease the adverse influences of weaning stress on piglets. Particularly, the correlations between growth performance, intestinal microflora, and metabolism affect piglet health and production. A large number of research approaches have been applied for a deeper understanding of nutrition and management, including high-throughput sequencing, metabolome, etc. How these interactive modulations can help in enhancing production efficiency, decreasing weaning harmful effects, and reducing the use of antibiotics is a question that needs answering. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: piglets nutrition and management, antibiotics replacements, and multi-omics analysis for gastrointestinal health and metabolism.

We look forward to receiving your contributions.

Dr. Guangtian Cao

Dr. Yingping Xiao

*Guest Editors*



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# Special Issue



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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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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