



animals



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Nutrition, Physiology and Gut Microbiota Interaction in Pigs

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submissions:

closed (31 August 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on describing the interactions between the nutrition and the physiology of pig on the development of intestinal microbiota and the host-microbe interaction. Different phases of pig production will be covered, starting from the maternal imprinting of the sow on neonate piglets, the weaning phase and the growing pig. The aim is to clarify more the interactive modulation between feeding, physiology and intestinal microbiota, with particular focus on their influences on pig health and production. How this interactive modulation can help in improving production efficiency, optimizing feed conversion ratio and reducing the use of antibiotics. This Special Issue will include reviews and original research papers.



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Special Issue



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Editor-in-Chief

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2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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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