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Pig Welfare, Immunity and Health - Implications and Applications in Sustainable Production

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Message from the Guest Editors

Pig production faces substantial challenges in the future, as increasing public concern about animal welfare collides with traditional production goals. Modern sustainable pork production thus includes animal health and welfare issues in addition to other pillars of sustainability. Immunocompetence and health of pigs are essential for animal welfare but can be threatened by inappropriate housing, environmental conditions or nutrition. A good function of the immune system is an obvious prerequisite for fighting pathogens, appropriate gut-microbiota interaction or successful vaccinations with important implications for disease control and immunocastration. This Special Issue aims to illuminate current integrative research on pig welfare, behavior, stress, nutrition, and immunity under varying conventional and organic housing conditions. Further, research gaps and trends should be identified by either original work or reviews.



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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: 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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