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Impact of Body Weight Variability in the Swine Industry: A Holistic Approach

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Body weight (BW) variability is the main factor responsible for the lack of efficiency and the major cause of shadow cost in the swine industry and, thus, exerts a severe negative impact on profitability.

Original manuscripts and reviews directly related to BW variability affecting the swine industry are invited. Topics of special interest and sections to be covered in the present Special Issue are: 1) appropriate mathematical and statistical methods to study BW variability in the swine industry, 2) impact of genetic improvement and prolificity, 3) impact of sow reproduction physiology and metabolism on BW variability at birth, 4) impact of the facilities and equipment and role played by smart farming, 5) contribution of management and welfare, 6) impact of health and infectious diseases on BW variability, 7) impact of crop production, raw materials, and feed processing, 8) role of nutrition and feeding strategies, 9) impact of BW variability on carcass processing and meat quality after slaughter, and finally, 10) BW variability effects on farm occupation, logistics, and production costs.



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Special Issue



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Editor-in-Chief

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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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