

Special Issue

Growth Performance, Nutrient Digestibility and Pork Quality in Swine Production

Message from the Guest Editors

Optimal nutrition, breeding strategies, as well as environmental and slaughter conditions have a major influence on swine production efficiency and meat quality. Prenatal and early-life feeding strategies can promote long-term animal health and digestive tract development, affecting its enzymatic and microbiome states as well as nutrients digestion efficiency and, thus, meat quality. In addition, consumer expectations put pressure on innovative production strategies, considering animal welfare and environmental safety and intended for high-quality meat products. This Special Issue is interested in both reviews and research papers on all aspects related to pig nutrition during all production stages: modulation of gut physiology, integrity, immunity, and microbiota; feed additives regulating intestinal absorption and/or meat quality; strategies to improve meat quality; ecological and native breed production systems. It is also interested in omics analyses of the effects of feeding from any perspective. This includes papers on management strategies during prenatal and early-life feeding having long-term beneficial effects on pig productivity.

Guest Editors

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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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