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Sustainable Poultry Production: Physiology and Nutrition

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Message from the Guest Editors

Dear Colleagues,

Poultry meat and eggs can meet the demands of the protein need for the growing human population as one of the cheapest animal protein sources. With the rising trend in the consumption of poultry products, it is necessary to sustainably produce poultry products without causing environmental damage and maintaining profitability. For sustainable poultry production, there is a need to find alternatives to costly vegetable protein sources such as soybean meal or increase the efficiency of production by using feed additives, or utilization of agro-industrial byproducts for nutrient recycling. Microalgae and insect proteins can serve as alternatives to soy-bean meal. Studies on how nutrients from these alternative protein sources can be efficiently utilized to meet the physiological demands are required. The focus of this Special Issue is to improve our current understanding of the nutritional physiology of alternate protein sources, feed additives, and agro-byproducts for efficient nutrient utilization and recycling for sustainable poultry production.



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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 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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