

Special Issue

A Paradigm Shift—Precision Poultry Nutrition and Alternative Poultry Feed Ingredients Using Novel Feed Processing Methods

Message from the Guest Editor

Feed thermo-mechanical processing mechanisms have routinely been utilized as a means to optimize the nutrient utilization of feed components. A plethora of studies have been conducted to better define optimal feed processing methods which alter the nutritive value and quality of the animal feed components. Moreover, other studies have aimed to discuss the economic value of feed processing with increased nutrient digestibility and production performance within poultry meat and egg production to offset the additional cost of feed processing. Feed costs account for approximately 65–75% of poultry meat and egg production. Hence, numerous studies have examined the use of more affordable alternative feed ingredients. Hence, in this Special Issue, we aim to examine the range of possible alternative poultry feed ingredients and the processing methodologies utilized to enhance their nutritive value as a feedstock ration. We also invite our colleagues and subject matter experts to share their research, expertise, and opinions so that we might discover novel feed processing methods and further discuss poultry feed technology and poultry nutrient utilization.

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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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