

Special Issue

Poultry Nutritional Requirements

Message from the Guest Editor

- The nutritional requirements of poultry can be categorized into two main areas: maintenance and production. Maintenance requirements refer to the energy and nutrients required to keep poultry healthy, while production requirements involve the needs related to growth, reproduction, and egg production. When the feed does not meet poultry's nutritional requirements, it can lead to health issues. Excessive intake of certain nutrients may also harm poultry welfare or contribute to environmental pollution.
- Over the past 10 to 20 years, research has been published on improvements in our understanding of the role of nutrients in poultry health, their mechanisms, and digestible nutrients for feed ingredient evaluation, but there remains immense room for improvement in precisely defining poultry nutritional requirements, metabolic patterns, and nutrient interactions in different production systems.
- This Special Issue aims to publish research related to the nutritional needs of poultry, including aspects such as energy, amino acids, and micronutrients, as well as studies on deficiencies or diseases caused by imbalances in these nutritional requirements.

Guest Editor

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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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