

## Special Issue

# Optimizing Poultry Nutrition and Health

### Message from the Guest Editors

In the era of antibiotic-free production, optimizing nutrition and health is vital for efficient and sustainable poultry farming. A well-balanced diet that meets birds' physiological and metabolic needs supports performance, health, immune function, and disease resilience. Modern analytical tools and precision nutrition now make this achievable. This Special Issue highlights recent advancements and innovative research linking nutrition, health, and productivity in poultry. Topics include precision nutrition, functional feed additives to enhance health and performance, nutrient-gene interactions (nutrigenetics), nutraceuticals in immune modulation and disease resistance, and dietary strategies to shape the gut microbiome. We also welcome research on novel feed ingredients with potential as antibiotic alternatives. We invite original research, thorough reviews, and applied notes bridging nutritional science and practical poultry production to advance health and performance.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2025)



## Agriculture

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### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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### Editor-in-Chief

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