

## Special Issue

# Innovative Approaches and Current Challenges in Poultry Energy Utilization

### Message from the Guest Editors

Feed constitutes about 70% input to the commercial poultry production, with energy contributing to 2/3 of the feed cost. Dietary energy is the first item to consider while formulating poultry feeds, as it is required for maintenance, physiological functions, metabolism and growth. Energy systems used in poultry nutrition are still a matter of discussion amongst poultry nutritionists. The apparent metabolizable energy has been the most commonly used tool in poultry nutrition to describe the energy requirements and dietary energy content of feed ingredients for poultry. However, this system is far from being perfect. In recent years, novel approaches have attracted poultry scientists' attention towards refining energy evaluation methods for poultry. This Special Issue aims to raise our current awareness of the challenges associated with poultry dietary energy utilization, in addition to fostering comprehensive insights about factors influencing energy utilisation, innovative solutions, and practical strategies to improve energy utilisation efficiency for an efficient poultry production.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2025)



## Animals

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### Message from the Editor-in-Chief

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