

## Special Issue

# Dietary Components in Animal Nutrition: Favoring Sustainability, Welfare and Safety

### Message from the Guest Editor

Increasing attention is being given to animal sustainability, welfare, and safety, which can be greatly improved by dietary components. These components significantly impact animal physiology and behavior. An inappropriate diet can lead to stress, negatively affecting health by boosting energy consumption and immune response. Therefore, a balanced diet is crucial for animal sustainability, welfare, and safety. This Special Issue of *Animals* will feature reviews and research on recent advances in how dietary components affect animal nutrition, sustainability, welfare, and safety. Topics may include various proteins, fats, carbohydrates, and functional components like plant extracts, organic acids, and probiotics. We are particularly interested in studies that strengthen our understanding of the physiological and biochemical mechanisms of dietary components on the sustainability, welfare and safety of farm animals. In addition, promising and innovative diet additives and feeding patterns that favor sustainability, welfare and safety are welcome.

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### Guest Editor

Prof. Dr. Xihong Zhou

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### Deadline for manuscript submissions

10 December 2025



## Animals

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## About the Journal

### 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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### Editor-in-Chief

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