

## Special Issue

# Clinical Management and Nutritional Regulation of Livestock Nutritional Metabolic Diseases

### Message from the Guest Editor

In modern intensive livestock production, nutritional metabolic diseases pose severe threats to animal health, welfare, and economic efficiency. This Special Issue directly addresses the critical challenge by focusing on translational strategies that bridge the laboratory and the farm.

We are pleased to invite you to submit your work to this Special Issue, which aims to collect research on innovative clinical management and nutritional regulation strategies. It also seeks to bridge foundational research and practical application, with a focus on animal nutrition, veterinary internal medicine, and production animal health and welfare.

Original research articles and reviews are welcome. Topics may include (but are not limited to) the following:

- Pathogenesis of metabolic and toxicological diseases in animals.
- Functional networks and interaction mechanisms of cellular organelles.
- Regulation of gut health and systemic metabolic homeostasis in animals.
- A One Health perspective on animal disease interactions across the human–animal–environment interface.
- Efficacy and mechanisms of action of natural plant extracts in improving animal health.

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### Guest Editor

Dr. Fan Yang

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### Deadline for manuscript submissions

10 November 2026



## Animals

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Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



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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

Prof. Dr. Clive J. C. Phillips  
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