

# Special Issue

## Piglets Nutrition and Management

### Message from the Guest Editors

Weaning is a critical stage of sow production that influences the nutrition, disease resistance, and metabolism of the animal. Precision nutrition and functional feed additives are becoming the two major methods to decrease the adverse influences of weaning stress on piglets. Particularly, the correlations between growth performance, intestinal microflora, and metabolism affect piglet health and production. A large number of research approaches have been applied for a deeper understanding of nutrition and management, including high-throughput sequencing, metabolome, etc. How these interactive modulations can help in enhancing production efficiency, decreasing weaning harmful effects, and reducing the use of antibiotics is a question that needs answering. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: piglets nutrition and management, antibiotics replacements, and multi-omics analysis for gastrointestinal health and metabolism. We look forward to receiving your contributions.

---

### Guest Editors

Dr. Guangtian Cao

College of Standardisation, China Jiliang University, Hangzhou 310018, China

Dr. Yingping Xiao

State Key Laboratory for Managing Biotic and Chemical Threats to the Quality and Safety of Agro-Products, MOA Laboratory of Quality & Safety Risk Assessment for Agro-Products (Hangzhou), Institute of Agro-Product Safety and Nutrition, Zhejiang Academy of Agricultural Sciences, Hangzhou 310021, China

---

### Deadline for manuscript submissions

closed (31 January 2024)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/167972](https://mdpi.com/si/167972)

*Animals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[animals@mdpi.com](mailto:animals@mdpi.com)

[mdpi.com/journal/  
animals](https://mdpi.com/journal/animals)





# Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/journal/  
animals](https://mdpi.com/journal/animals)



## 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.

---

### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips  
Curtin University Sustainable Policy (CUSP) Institute, Curtin University,  
Kent St., Bentley, WA 6102, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

#### Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)