

Special Issue

Effect of Farming Systems on Growth Performances and Meat Traits of Farm Animals

Message from the Guest Editors

In recent decades, the global meat production has witnessed a substantial increase attributed to multifaceted factors, including population expansion, escalating incomes and shifts in dietary preferences. Consumer demands for high-quality and sustainable meat have prompted notable changes in livestock farming systems. The selection of a farming system significantly impacts animal growth, performance and meat quality outcomes, as it encompasses essential factors such as animal nutrition, rearing systems, housing conditions, breed selection and management practices. These factors directly influence the growth performances of farm animals and subsequently impact meat quality attributes such as color, tenderness, flavor and nutritional composition. We encourage the submission of novel information and insights that advance our understanding of how different farming systems influence animal growth and the quality attributes of meat, contributing to updating scientific knowledge base and promoting informed discussions on this topic.

Guest Editors

Dr. Mariane Beline

Meat Science and Muscle Biology, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061, USA

Dr. Daniel Silva Antonelo

DSA Research & Development Company, Sao Paulo, Brazil

Dr. Juan Fernando Morales Gómez

DSM-Firmenich, Animal Nutrition & Health, Sao Paulo, Brazil

Deadline for manuscript submissions

closed (31 March 2025)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/179049

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
 2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, 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)