



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

Guest Editors:

Dr. Mariane Beline

Virginia Polytechnic Institute and State University, Blacksburg, VA, 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:

31 March 2025

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine
and Animal Sciences, Estonian
University of Life Sciences,
Kreutzwaldi 1, 51014 Tartu,
Estonia

2. Curtin University Sustainability
Policy (CUSP) Institute, Kent St.,
Bentley 6102, Australia

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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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)

Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)