

Special Issue

Advances in Cattle Nutrition for A Sustainable Meat Production

Message from the Guest Editor

Fattening cattle plays an important role in the production of edible protein from plant materials. With the capability of ruminants to synthesize microbial protein in the rumen and to convert it into body protein accretion, cattle fattening contributes to food production. In times of climate change, it becomes more important to produce meat from cattle with less input of resources and less output of climate-relevant emissions. The basis for sustainable meat production is to supply animals with energy and nutrients according to their requirements. The current recommendations on the energy and nutrient supply for fattening cattle are based on experiments partly carried out more than 30 years ago. Furthermore, beyond meeting the energy and nutrient requirements of cattle for fattening, innovative feeding regimens, feed additives, and dietetic measures might contribute to sustainable production. To expand our knowledge on sustainable meat production under the current cattle production conditions, I invite you to present your recent findings for environmentally friendly and sustainable cattle meat production.

Guest Editor

Dr. Dirk von Soosten

Institute of Animal Nutrition, Friedrich-Loeffler-Institut (FLI), Federal Research Institute for Animal Health, 38116 Braunschweig, Germany

Deadline for manuscript submissions

closed (31 December 2021)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/41463

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. 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

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)