

Special Issue

Improving Livestock Efficiency through Optimizing Maternal Nutrition and Management

Message from the Guest Editors

The world faces increasing demand for the quantity and quality of animal protein. At the same time, animal production deals with scarcity of resources for livestock production systems. Such a scenario brings a need to increase the efficiency and sustainability parameters of animal protein production at a rate greater than its increasing demand for quantity and quality. The efficiency of animal production systems is highly dependent on the efficiency and quality of the produced offspring. Original manuscripts that address aspects such as the management, process, or nutritional optimization related to the maternal part of livestock production systems are invited for this Special Issue. In particular, aspects such as reproduction improvement, management strategies, maternal nutrition and developmental programming, alternative feeds or feeding protocols for pregnant dams, growing programs for reducing the age at puberty, as well as other aspects related to sustainability and improvement of the well-being of dams are welcome.

Guest Editors

Dr. Márcio S. Duarte

Department of Animal Biosciences, University of Guelph, Guelph, ON N1G 1Y2, Canada

Dr. Mateus P. Gionbelli

Department of Animal Science, Federal University of Lavras, 37200-000 Lavras, Brazil

Deadline for manuscript submissions

closed (15 May 2023)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/108784

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)