

# Special Issue

## Dairy Cow Welfare

### Message from the Guest Editor

With expanding markets for dairy products there has been a considerable intensification of dairy farming, with implications for cow welfare. In the past animal welfare science and policy has focused on avoiding negative states, the importance of providing positive welfare and a life worth living are now increasingly recognised. This Special Issue welcomes original research papers that seek to understand and address the welfare needs of dairy cows in a range of production environments.

Manuscripts addressing any aspect of dairy cow welfare are welcome. Topics of special interest include:

- Precision livestock farming (PLF) and using innovative technology and sensors to support welfare.
- Behavioural approaches to understanding welfare, including preference testing and affective states, both positive and negative.
- The role of the production system and housing on dairy cow welfare, including environmental enrichment.
- Using physiological approaches to understand and assess welfare, including biomarkers.
- Genetics, genomics, selective breeding and dairy cow welfare.
- Links between health, veterinary medicine and cow welfare.
- Nutritional strategies to support dairy cow welfare.

---

### Guest Editor

Dr. Gareth Arnott

Institute for Global Food Security, School of Biological Sciences,  
Queen's University Belfast, Medical Biology Centre, 97 Lisburn Road,  
Belfast BT9 7BL, UK

---

### Deadline for manuscript submissions

closed (30 September 2019)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/25587](https://mdpi.com/si/25587)

*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

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)