



## Advances in Dairy Cattle Reproduction

Guest Editor:

**Dr. Fernando Lopez-Gatius**

- 1. Agrotecnio Centre, 25198 Lleida, Spain
- 2. Transfer in Bovine Reproduction SLu, 22300 Barbastro, Spain

Deadline for manuscript submissions:  
**closed (31 October 2023)**

### Message from the Guest Editor

Dear Colleagues,

Dairy cattle have played an important role in economic development since the beginning of agriculture. In essence, dairy cattle herding had already become a dominant part of the culture during the Neolithic era. Subsequently, the relationship between humans and cattle has been multifaceted, from a genetic mutation that gave people the ability to produce lactase and drink milk throughout their lives, to the production of a vaccine against Variola (Smallpox virus). It is equally important that reproductive technologies developed for dairy cattle provide a spin-off in mammalian species, including humans. Currently, we share concerns over global warming and the impacts of the COVID-19 crisis. In this context, aspects of the reproduction control of cattle seem to have plateaued. However, reducing the incidence of reproductive disorders such as anestrus, low fertility, pregnancy failure or perinatal mortality, that are essential to the health and welfare of cows, the use of resources will be more efficient. The objective of this issue is to contribute to an expansion of the frontiers of development on monitoring dairy cattle reproduction.





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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/animals](http://mdpi.com/journal/animals)  
[animals@mdpi.com](mailto:animals@mdpi.com)  
[X@Animals\\_MDPI](https://twitter.com/Animals_MDPI)