



animals



an Open Access Journal by MDPI

Reproduction in Dairy Cattle

Guest Editor:

Dr. Emma Bleach

Agriculture and Environment
Department, Harper Adams
University, Newport TF10 8NB,
UK

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

Dear Colleagues

Reproduction is fundamental to efficient dairy production. Poor reproductive performance is a cost, and, despite much research activity in this area, overcoming this remains one of the key challenges faced by dairy producers today. There are many factors that influence the reproductive process in dairy cows. Among these are nutrition, level of milk production, housing and heat stress, and cow health and well-being. Dairy cows are usually bred by artificial insemination (AI). Recent developments in the processing and dosage of semen for sex selection have the potential to improve the efficiency of reproduction. The timing and accuracy of insemination may be enhanced through automated detection of oestrus expression or by regulation of ovarian cycles using exogenous hormone treatments. Following insemination, the establishment and maintenance of pregnancy are critical factors in reproductive success. This Special Issue will publish original research papers and reviews that investigate means of enhancing the reproductive efficiency of dairy cows.

We invite you to share your research relating to this multifaceted topic in this Special Issue.



mdpi.com/si/42945

Special Issue



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: 2.7 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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)