



Reproduction in Dairy Cattle

Guest Editor:

Dr. Emma Bleach

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

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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.





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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

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Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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