

Special Issue

Reproduction in Dairy Cattle

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.

Guest Editor

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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.

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