

Special Issue

Advances in Dairy Cattle Reproduction

Message from the Guest Editor

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.

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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