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Innovative Technologies and Breeding Strategies Changing Dairy Cattle Health

Guest Editors:

Dr. Lina Anskienė

Department of Animal Breeding,
Veterinary Academy, Lithuanian
University of Health Sciences,
Tilžės Str. 18, LT-47181 Kaunas,
Lithuania

Prof. Dr. Ramunas Antanaitis

Large Animal Clinic, Veterinary
Academy, Lithuanian University
of Health Sciences, Tilžės Str. 18,
LT-47181 Kaunas, Lithuania

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Message from the Guest Editors

As the importance of farming continues to grow, innovative technologies are beginning to play an increasingly important role. Artificial intelligence, analytics, connected sensors, and other emerging technologies could further increase yields, improve the efficiency of health monitoring and early disease detection of dairy cows based on sensors connected to or within cows. The availability of sensors and innovative technology for real-time monitoring of cattle raises questions about how to evaluate the contribution of these technologies to the long-term viability of farms: productivity, health monitoring, and breeding strategies. Articles within this Special Issue encompass a range of innovative approaches, including advanced monitoring systems, biosensing technologies that have the potential to explore and improve novel strategies for livestock early disease detection, and decisions in breeding strategies. This Special Issue will focus on emerging biosensing technologies and decisions in breeding strategies, which have the potential to change early disease detection, management, and provide insights for researchers, veterinarians, and livestock holders.



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Special Issue



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Editor-in-Chief

Prof. Dr. Burim Ametaj

Department of Agriculture, Food and Nutritional Science, Faculty of Agricultural, Life and Environmental Sciences, University of Alberta, Edmonton, AB T6G 2R3, Canada

Message from the Editor-in-Chief

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Contact Us

Dairy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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