Innovative Technologies and Breeding Strategies Changing Dairy Cattle Health

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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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Message from the Editor-in-Chief

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