Use of Longitudinal Information, Imaging, and Sensor Data in Genetic Evaluation

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Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

This special issue of Animals – *Use of longitudinal information, imaging, and sensor data in genetic evaluation* – intends to bring the public's attention to complementary and innovative approaches to genetic and genomic selection, using novel data available in livestock production. Nowadays, most livestock breeding programs routinely incorporate genomic data for predicting the genetic merit of individual animals for a wide range of traits. With the current availability of a wide variety of omics data, environmental descriptors, and novel phenotypes generated by precision farming technologies, there is currently a continuous effort to develop methods to integrate such information in genetic and genomic evaluation. Moreover, a large amount of historical data has been accumulated in many livestock production systems, enabling the comprehensive study of longitudinal patterns, and their association to a series of effects.

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Special Issue

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Message from the Editor-in-Chief

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