



Animal Production in the Artificial Intelligence Era: Advances and Applications

Guest Editors:

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Applications of artificial intelligence (AI) in animal production include, are but not limited to, measuring, monitoring, and managing animal production systems to enhance profitability, production, and health event forecasting, real time prediction, and decision support tools. To accomplish that, the integration of sensors, hyper-spectral, MIR/NMR, imaging, and omics data to phenomics data for the prediction of performance, health, welfare, and behavior, reproduction or even breeding values, and selection decisions are inevitable and bring new challenges and opportunities to the field.

Our aim with this Special Issue is to invite the precision animal farming community to present their latest cutting-edge research in artificial intelligence applied to animal production. Original research, reviews, or commentary papers with a focus on advancements of AI in real-world animal production applications, health and welfare, reproduction, genetics, and breeding programs are especially encouraged to be submitted to this Special Issue.

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Guest Editors





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Message from the Editor-in-Chief

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