

## Special Issue

# Livestock Genetic Breeding and Quantitative Genomics

### Message from the Guest Editor

Livestock breeding has been successful at delivering genetically improved material for multiple traits based on recurrent cycles of selection, mating, and testing. Genetic dissection approaches have been ongoing to effectively drive operational genome enabled selection. The convergence of high-throughput genomics and quantitative genetics has established new paradigms that are changing contemporary breeding dogmas. In light of a recent advance in livestock genetic breeding and quantitative genomics research, we invite you to review the main concepts, analytical tools, and remaining challenges that currently underlie the application of genomics data to livestock breeding, also providing new opportunities to enhance the application of genomics to breeding.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 September 2023)

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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