

Special Issue

Molecular Markers and Genomic Selection in Farm Animal Improvement

Message from the Guest Editors

This Special Issue invites original research papers to contribute that explore the application of molecular markers and genomic selection in farm animal improvement. Topics may include the identification and validation of genetic markers for key traits, the development of genomic prediction models, the integration of genomic data into breeding programs, and the role of gene editing technologies in livestock improvement. We aim to highlight the latest advancements and provide insights into how genomic approaches can contribute to sustainable and efficient livestock production in the face of changing environmental conditions and consumer demands.

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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