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Animal Genetics and Livestock Production: The Biodiversity Challenge

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submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

For this special issue, original manuscripts covering all aspects of animal genetics, such as population genetics, local breed investigation, quantitative genetics, genetic variability, crossbreeding strategies, gene polymorphisms, indigenous breed valorization opportunities are invited.

We invite original research papers on animal breeding, population genetics, genetic association studies, transcriptomics and quantitative genomics in livestock, which address the biological mechanisms underlying the expression of complex (quantitative) traits, to give insight into the origin and impact of genetic variation and population stratification at the genome scale, so as to explore genomics opportunities for long-term selection strategies.

Prof. Dr. Maria Selvaggi
Dr. Maria Antonietta Colonna
Guest Editors



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Special Issue



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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: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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