

## Special Issue

# Animal Genetics and Livestock Production: The Biodiversity Challenge

### Message from the Guest Editors

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.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## Animals

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

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