

Special Issue

Exploring Equine Genetics: Quantitative, Molecular, and Genomic Insights

Message from the Guest Editors

Population and genomic studies offer crucial insights into equine genetic diversity, guiding conservation and breeding efforts. We invite papers on quantitative, molecular, and genomic genetics in equines, crucial for understanding genetic architecture and developing breeding strategies. Our Special Issue aims to advance equine genetics research, supporting sustainable breeding and improving global equine health, welfare, and performance. We welcome original research and reviews on performance traits, disease susceptibility, genetic disorders, population genetics, breed diversity, and evolutionary history in horses and donkeys. By shedding light on the relationship between genetics and phenotypic traits, these studies pave the way for informed conservation efforts, sustainable breeding practices, and effective management strategies to preserve genetic resources and prevent the loss of diversity in equine populations.

Guest Editors

Dr. Davinia I. Perdomo-González

Department of Animal Production, Faculty of Veterinary Medicine, Complutense University of Madrid, Madrid, Spain

Dr. Nora Laseca

Department of Genetics, University of Cordoba, Cordoba, Spain

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
Curtin University Sustainable Policy (CUSP) Institute, Curtin University,
Kent St., Bentley, WA 6102, Australia

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