

## Special Issue

# Genomics for Camelid Biodiversity Management and Conservation

### Message from the Guest Editors

The *Camelidae* family comprises the Bactrian camel (*Camelus bactrianus*), the dromedary camel (*Camelus dromedarius*), and four species of South American camelids (llama (*Lama glama*), alpaca (*Lama pacos*), guanaco (*Lama guanicoe*), and vicuña (*Vicugna vicugna*). These species thrive in diverse and challenging environments, from arid regions to high-altitude landscapes, and are increasingly valued for their exceptional adaptive traits in global livestock production. Understanding camelid genetics is essential for sustainable breeding practices in the current scenario, ensuring the health, welfare, and productivity of these animals amidst environmental challenges and social demands. In this Special Issue, we invite submissions of original research articles, reviews, and methodological studies aimed at advancing our understanding of existing camelid biodiversity and the genetic mechanisms underlying these species, as well as the ethical, economic, and social implications of historical and modern selection in camelid breeding and production.

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### Guest Editors

Dr. Carlos Iglesias Pastrana

Prof. Dr. Juan Vicente Delgado Bermejo

Dr. Elena Ciani

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### Deadline for manuscript submissions

20 December 2025



## Animals

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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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### Editor-in-Chief

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