

Special Issue

Genomics, Microbiomics and Stable Isotope Ecology of Modern and Extinct Ungulates

Message from the Guest Editor

This Special Issue is an inspiring opportunity to publish cross-disciplinary studies on stable isotope paleoecology and evolutionary changes in the genome diversity of different bovine species. We encourage authors to submit manuscripts based on different approaches to the study of paleoecology, including stable isotopes, genomics, the genetic diversity of maternal and paternal lineages, SNPs and other polymorphisms in nuclear genomes, dental calculus and gut microbiomes, and the microscopy of microfossils preserved in dental calculus. Manuscripts on morphometric analysis of the bovine species as it relates to adaptation to past climate changes are also aligned with the goals of the Special Issue. Considering the important economic, social, and spiritual role of bovine species in human civilization and for different nations, we welcome manuscripts developed from collaboration with Indigenous people and local communities on the comparison of historical and genetic records of bovine species.

You may choose our [Joint Special Issue](#) in *Diversity*.

Guest Editor

Dr. Igor Ovchinnikov
Department of Biology, University of North Dakota, Grand Forks, ND,
USA

Deadline for manuscript submissions

closed (1 July 2025)



Animals

an Open Access Journal
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Impact Factor 2.7
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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

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
 2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia
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