



Molecular Markers in Wildlife and Livestock Animals in the Genomics Era

Guest Editor:

Prof. Dr. Zissis Mamuris

Department of Biochemistry and
Biotechnology, University of
Thessaly, 41221 Larissa, Greece

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editor

Dear Colleagues,

The development of molecular markers the last decades have paved the way in answering major questions in the field of genetics; unravelling the evolution patterns of lineages and allowing a more robust species' delimitation; pinpointing genes implicated in local adaptation; describing in detail the population's genetics and dynamics; revealing the genomic regions that are associated with phenotypic traits and enabling the development of more accurate selections schemas in livestock breeds; mapped the breadth of the genetic biodiversity that is present in animal populations.

The climate change, a threatening factor and a major challenge for the majority of the animal species, imposes a new dimension in animal conservation that can only be tackled by identifying and harnessing the underlying genetic diversity.

Prof. Dr. Zissis Mamuris
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine
and Animal Sciences, Estonian
University of Life Sciences,
Kreutzwaldi 1, 51014 Tartu,
Estonia
2. Curtin University Sustainability
Policy (CUSP) Institute, Kent St.,
Bentley 6102, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank: JCR - Q1 (*Veterinary Sciences*) / CiteScore - Q1 (*General Veterinary*)

Contact Us

Animals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)