

IMPACT FACTOR 2.7





an Open Access Journal by MDPI

Advances in Buffalo (Bubalus bubalis) Genetics and Genomics

Guest Editors:

Prof. Dr. Francesca Ciotola

Department of Veterinary Medicine and Animal Production, University of Naples Federico II, via Delpino 1, 80137 Naples, Italy

Prof. Dr. Vincenzo Peretti

Department of Veterinary Medicine and Animal Production, University of Naples Federico II, Via Delpino 1, 80137 Naples, Italy

Dr. Sara Albarella

Department of Veterinary Medicine and Animal Production, University of Naples Federico II, Via Delpino 1, 80137 Naples, Italy

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

Dear Colleagues,

The world buffalo population is about 195 million, distributed across at least 129 different countries, mainly in tropical and subtropical areas. The buffalo species constitutes a primary resource for many small-scale farmers in developing countries.

Breeding programs are carried out in many countries, such as China, India, and Brazil. Italy represents the international point of reference for buffalo breeding as a result of innovations in management, dairy technologies, cheese manufacturing, feeding, and reproduction.

It has become essential to turn attention to new selection goals such as environmental sustainability, animal welfare, and further improving the quality of production. Therefore, genetics and genomics are strategic tools to increase and deepen our knowledge of buffalo biology.

Papers concerning genetic and genomic selection in buffalo, focusing on improving animal production with respect to environmental sustainability and animal welfare, are welcome for submission to this Special Issue.













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: 2.7 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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