

Special Issue

Advances in Buffalo (*Bubalus bubalis*) Genetics and Genomics

Message from the Guest Editors

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.

Guest Editors

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Prof. Dr. Vincenzo Peretti

Dr. Sara Albarella

Deadline for manuscript submissions

closed (31 October 2024)



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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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