

Special Issue

Genomics for Understanding the Architecture of Reproductive Traits in Livestock Animals

Message from the Guest Editor

Reproductive success is a key part of any animal production system. This is an important issue since it is well known that the underlying mechanisms associated with reproductive traits in domestic animals could be species specific and, therefore, the results obtained cannot be extrapolated.

One of the main limitations of studying reproductive traits is the difficulty of obtaining, objective phenotypes of animals. Additionally, many of the characteristics studied in males cannot be studied in females, and vice versa. However, the use of breeding program data, as well as the collaboration between breeders' associations and scientists could be an interesting path to overcome those limitations and increase the number of individuals phenotyped.

Nowadays, in the age of genomics, an important part of a breeding program in most domestic animals is to produce and analyze genomic data. However, in some species, its use in studies involving reproductive traits is still scarce.

This Special Issue aims to compel research studies that could bring novel insights into the control of the reproductive function on the most common domestic animal species.

Prof. Sebastian Demyda

Guest Editor

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Deadline for manuscript submissions

closed (22 December 2022)



Animals

an Open Access Journal
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Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



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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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