Advances in Sheep Genetic Breeding

Guest Editors:

Prof. Dr. Youji Ma
College of Animal Science and Technology, Gansu Agricultural University, Lanzhou 730070, China

Dr. Pengcheng Wan
Animal Husbandry and Veterinary Institute, Xinjiang Academy of Agricultural and Reclamation Science, Shihezi, China

Deadline for manuscript submissions:
closed (20 July 2023)

Message from the Guest Editors

Dear Colleagues,

Sheep are one of the most important domesticated animals, and fast growth, high lambing, good meat quality, and top-quality wool and cashmere have become the main goals pursued by their breeders. With the rapid development and application of modern molecular biology and genetic engineering, a large number of suitable new germplasm resources have been discovered, a large number of functional genes have been mined, and gene editing technology, stem cell breeding technology, breed molecular design technology, and other biological breeding techniques have been applied, promoting major breakthroughs in sheep breeding theory and breeding technology. To better demonstrate and exchange information around new theories, technologies, and methods in the field of sheep breeding, this Special Issue on "Advances in Sheep Genetic Breeding" is established, which will collect high-quality original research articles and reviews to promote scientific and technological innovation in sheep germplasm resources.

Special Issue

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

Why not consider *Genes* for your next genetics paper?

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, MEDLINE, PMC, Embase, PubAg, and other databases.
Journal Rank: JCR - Q2 (*Genetics & Heredity*) / CiteScore - Q2 (*Genetics*)

Contact Us