

Special Issue

Molecular Mechanism Analysis of Important Traits and Breeding of New Breeds of Sheep

Message from the Guest Editors

Sheep are one of the earliest domesticated animal species. With the rapid development of genome selection (GS) technology, the selection and breeding of sheep will also make faster progress. Based on this, we hope that this Special Issue will focus on the research progress of the molecular mechanism of important traits in sheep and the latest developments in the breeding of new sheep breeds or the usage of GS in sheep in order to timely share useful information with sheep researchers and enterprises. Research papers and reviews will focus on, but are not limited to, study on molecular mechanism of morphology, body size, coat color, wool, reproduction (litter size, seasonal reproduction, number of nipples, puberty, reproductive performance of ram), growth (daily gain and feed conversion rate, etc.) and production (mutton and milk) traits, quality of mutton and milk, inherited disease in sheep, and the latest developments in the molecular breeding of new sheep breeds or the usage of GS in sheep. Dr. Di Ran

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Deadline for manuscript submissions

closed (20 May 2022)

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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?

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