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## Genetic Mechanism Analysis and Application of Important Economic Traits in Sheep and Goats

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (5 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

The Special Issue aims to show new advances and insights in sheep and goat genetics and breeding. Research on all aspects of sheep and goat genetics, breeding, and reproduction will be considered, including studies on reproductive biotechnology, and the regulatory role of genes in traits using different approaches, such as molecular or genomics methods. All the studies could help researchers to reveal the principles of genetics, development, and evolution and could also help breeders in designing and improving breeding approaches to increase productivity in sheep or goats. This Special Issue aims to collect new advances and insights into genetic mechanism analysis and the application of important economic traits in sheep and goats. We also hope the findings of this Special Issue will help to elucidate the molecular mechanisms underlying the formation of economic traits and provide approaches to improve the production of sheep and goats. We welcome the submission of multiple article types, such as original research articles, short communications, reviews, methods, etc.



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# Special Issue



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## 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.

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