

## Special Issue

# Genomics Application in Sheep and Goat Rearing

### Message from the Guest Editor

In recent years, with the development of genomics sequencing technology, the most important biological processes of sheep and goats are gradually being elucidated. Not only has this revealed their genetic diversity, population structure, and evolution, as well as the main functional genes via genomic data and bioinformatics technologies, but it has also uncovered the genetic basis for some important traits, such as high reproductive capacity, meat and milk production, the quality of cashmere and wool, as well as discovering potential biomarkers. Based on above, this Special Issue invites research articles, reviews, and short communications that include, but are not limited to, the following: genetics analysis and improvements in breeding the important traits of sheep and goats, molecular function dissection, gene regulation mechanisms, gene family evolution, expression regulation networks, and other studies of sheep and goats using high-throughput data.

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### Guest Editor

Dr. Zhibin Ji

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### Deadline for manuscript submissions

closed (25 August 2025)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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### Editor-in-Chief

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