

## Special Issue

# Genetics and Genomics in Cattle Adipose Development

### Message from the Guest Editors

The development level of herbivorous animal husbandry has become a crucial benchmark for assessing the agricultural advancement of a country (region). In this Special Issue of *Genes* on “Genetics and Genomics in Cattle Adipose Development”, we are pleased to invite you to highlight how related studies in genetics and genomics have laid the foundation of regulating cattle adipose development. This Special Issue aims to provide an overview of recent developments in this field of research, including critical perspectives on the current and upcoming challenges. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: the application of quantitative genetics, molecular genetics, and omics technologies such as transcriptomics, metabolomics, lipidomics, and proteomics techniques for the regulation of cattle adipose development in beef cattle, dairy cows, buffaloes, and yaks. We look forward to receiving your contributions.

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### Guest Editors

Prof. Dr. Weidong Deng

Dr. Dawei Wei

Dr. Jieyun Hong

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### Deadline for manuscript submissions

closed (20 December 2024)

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## Genes

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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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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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