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Poultry Breeding and Genetics

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 April 2024)

Message from the Guest Editor

Dear Colleagues,

With the development of high-throughput sequencing technology, molecular biology, bioinformatics and genetics, the genetic basis and regulation mechanism of important economic traits in poultry including reproductive traits, meat quality, growth traits, disease resistance, and other important traits have attracted attention and witnessed remarkable progress through the use of multi-omics, 3D genomics, Hi-C and so on. However, much of their detailed regulatory mechanism is unknown. *Genes* is now inviting submissions for a Special Issue on the topic of “Poultry Breeding and Genetics”. The contents cover genetic variation detection, selection methods for breeding, transgenesis and genome editing, the genetic basis of disease resistance, control of gene expression and regulation, reproduction and meat quality, etc. Research articles, reviews, short communications, brief reports, and other forms of original articles on this topic are all welcome. The hope is that this Special Issue will open new avenues to discover the theoretical and practical aspects of poultry phenotype traits and provide valuable information for poultry breeding projects.



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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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