



genes



an Open Access Journal by MDPI

Poultry Breeding and Genetics

Guest Editor:

Dr. Hong Li

College of Animal Science and
Technology, Henan Agricultural
University, Zhengzhou 450046,
China

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.



mdpi.com/si/180785

Special Issue



genes



an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Selvarangan
Ponnazhagan**

Experimental Cancer
Therapeutics, The University of
Alabama at Birmingham, 1825
University Blvd., SHEL 814,
Birmingham, AL 35294-2182, USA

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?

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank: JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))

Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)