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Poultry Genetics and Genomics

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Message from the Guest Editors

Dear Colleagues,

Poultry meat and eggs are among the most common animal sources of food consumed at the global level. With continuous genetic selection, modern poultry has become the most efficient domestic animal, producing cheap and high-quality protein. The rapid development of poultry genetics and genomics breeding has brought huge economic benefits to the global poultry industry. However, numerous problems in poultry genetics and genomics remain to be addressed. For example, the complex genetic basis of important economic traits is still poorly understood, and the functional genes responsible for target traits require further mining. Genomic selection technology is immature, and its application in poultry breeding is still relatively limited. This Special Issue aims to collect high-quality original research articles and comprehensive reviews to address emerging challenges in poultry genetics and genomics. Topics welcomed include, but are not limited to, genetic diversity and evolution, genome annotation, function and molecular mechanisms, omics studies, genomic selection, gene editing, and other new progress related to poultry genetics and genomics.



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Special Issue



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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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