

## Special Issue

# Genetic Expression and Regulation during Growth and Reproduction of Poultry

### Message from the Guest Editors

Genetic expression is a complex process of regulating and controlling gene expression in organisms, which helps the process of gene expression to be orderly in time and space in cells and to respond to changes in environmental conditions. Regulation of gene expression can occur at many levels, including gene level, transcriptional level, post-transcriptional level, translational level, and post-translational level. The growth and reproduction of poultry is a very complex and finely regulated biological process, which is regulated by a large number of functional genes and various transcription factors. Understanding the genetic basis is fundamental to improving growth and reproductive performance in poultry. We invite original research articles and reviews that address any aspects of genetic expression and regulation during growth and reproduction of poultry to this Special Issue. Research areas may include (but are not limited to) the following: mRNA, microRNA (miRNA), long ncRNA (lncRNA), circular RNA (circRNA), and the interaction between genetic expression and environment.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2023)



## Animals

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## About the Journal

### Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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### Editor-in-Chief

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