

Special Issue

Developmental Biology and Genetics in Chicken Embryo Germ Cell

Message from the Guest Editors

The chicken embryo is an important model in research, contributing to groundbreaking concepts in developmental biology and genetics. With recent advances in molecular genetics and omics technologies, significant progress has been made in uncovering the complex genomic characteristics of chicken embryo germ cells. These comprehensive analyses reveal the genetic mechanisms governing germ cell development, differentiation, and function, offering crucial insights into avian reproductive biology. In this Special Issue, we aim to highlight the application of these innovative technologies in the study of chicken embryo germ cell development. We welcome studies that utilize gene editing systems, omics technologies, experimental validation, and other innovative approaches to investigate the developmental and molecular mechanisms of chicken germ cells. Both theoretical and empirical contributions that enhance our understanding of the genetic factors influencing germ cell biology are encouraged.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2025)

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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?

Editor-in-Chief

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