

Special Issue

Genetic and Genomic Regulation of Ovarian and Testicular Functions in Animals

Message from the Guest Editors

This Special Issue will publish research articles and reviews on gene/genome function, gene/genome regulation, and coordination of gene expression in gonads. We would like manuscripts where the genes and their transcripts constitute the core of the work.

This special issue encourages authors to submit articles on: 1) concerning the description of genes involved at different periods of testicular activity; 2) concerning the understanding of the molecular function of non-coding transcripts in the testicular metabolism, since lnc and circRNAs are particularly numerous in this tissue; 3) concerning the analysis of the consequences of genetic alteration (structural modification, mutation) on testicular function or development; 4) aimed to understand the role(s) of genes involved in the wide range of biological events in ovaries including oogenesis, folliculogenesis and communication and interaction between the oocyte and surrounding somatic cells; 5) identifying genetic markers that can predict ovarian reserve, gamete quality, and ovarian diseases; 6) aiming to improve ovarian functions by regulating identified genes.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2021)

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About the Journal

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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