

Special Issue

Cell Cycle and Regulation

Message from the Guest Editor

Many molecular mechanisms control the cell cycle, and some of these take place in parallel and exhibit redundancy. A major level of control is carried out through the regulation of gene transcription. Entry and progression through, as well as exit from, the cell cycle require a series of well-coordinated transcriptional and epigenetic pathways to regulate the timely expression of hundreds of genes. Recent studies have been very helpful in identifying diverse transcriptional networks in the cell cycle. However, we are still far from full understanding of the transcriptional events operating in processes linked to the cell division cycle. This Special Issue is focused on studies related to the genetic and epigenetic regulation of the cell cycle, from the analysis of cell cycle entry at quiescence and onward through to the study of cell cycle exit and terminal differentiation, and how this regulation is altered in stressful or pathological conditions, such as cancer. We cordially invite researchers working actively in these fields to submit their original research or review manuscripts to this Special Issue on cell cycle regulation.

Guest Editor

Dr. Ana María Zubiaga

Molecular Biology of Cancer, University of the Basque Country, UPV/EHU, Leioa, Spain

Deadline for manuscript submissions

closed (31 January 2019)

G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/17464

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



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

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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))