

Special Issue

Disentangling Mechanisms of Genomic Regulation of Cell Functions at the Gene Level

Message from the Guest Editors

Genomic regulation is at the origin of cellular processes in healthy and diseased states. The advent of sequencing and other high-throughput molecular techniques, in combination with the accumulation of omics data and the development of bioinformatics methods, has led to considerable progress in understanding the genomic regulation of cell states and, particularly, the role of single genes and of their mutual interactions in health and disease. In this Special Issue, we welcome reviews, reports of new methods, and original articles covering all aspects of the genomic regulation of cell functions at the gene level.

Guest Editors

Dr. Hans Binder

Interdisciplinary Centre for Bioinformatics, Leipzig University,
Haertelstr. 16–18, D-04107 Leipzig, Germany

Dr. Arsen Arakelyan

Institute for Molecular Biology, Academy of sciences of the Republic of Armenia, Yerevan, 7 Hasratyan Str, 0014, Armenia

Deadline for manuscript submissions

closed (31 August 2020)

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/35686

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))