

Special Issue

The Post-transcriptional Control of Gene Expressions

Message from the Guest Editor

The post-transcriptional control of gene expression is an important mechanism at the RNA level. This control is critical for the regulation of countless genes across human tissues and plays a role in cell physiology and in pathologies such neurodegenerative diseases and cancer. At any stage after transcription arises, RNA splicing, nuclear shuttling, and RNA stability are controlled by the post-transcriptional control of gene expression, as well as RNA processing, RNA transport, and post-transcriptional. RNA-binding proteins (RBPs) are proteins that interact with their target RNAs to form ribonucleoprotein complexes and control this post-transcriptional regulation of gene expression. Such complexes regulate almost every aspect of post-transcriptional processing such as pre-mRNA splicing, translational control, cleavage and polyadenylation, and RNA editing. Based on several investigations, a new post-transcriptional regulatory mechanism is represented by the lncRNA-miRNA-mRNA and circRNA-miRNA-mRNA-ceRNA networks, involved in the emergence and progression of various conditions in humans.

Guest Editor

Dr. Bruna De Felice

Department of Environmental, Biological and Pharmaceutical Sciences and Technologies (DISTABIF), University of Campania Luigi Vanvitelli, Via Vivaldi 43, 81100 Caserta, Italy

Deadline for manuscript submissions

closed (25 September 2023)

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/164528

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))