

# Special Issue

## RNAs in Biology

### Message from the Guest Editor

RNA has played a broad range of roles in cellular processes. These include controlling gene expression, transferring information from genomic DNA to protein molecules, mediating molecular interactions, and catalyzing chemical reactions. In the human genome, tens of thousands of RNA sequences do not translate into proteins but help regulate gene expression at transcriptional and post-transcription levels. Recent advances in genomic technologies have revealed that RNA-based gene regulation by different classes of non-coding RNAs is involved in almost every aspect of biology, including development, disease progression, and pathogenesis. This Special Issue welcomes reviews and research articles on a broad range of RNA biology. We will consider manuscripts on topics including, but not limited to, studies on the ways RNAs influence gene expression, the characterization of function for different classes of RNAs in cellular development, the role of RNAs in disease, the functions of various types of non-coding RNAs, and especially the identification and characterization of the role of non-coding regulatory RNAs and their regulatory networks.

### Guest Editor

Dr. Zihua Hu

Department of Biostatistics/Department of Medicine/New York State Center of Excellence in Bioinformatics and Life Sciences, State University of New York at Buffalo, Buffalo, NY 14203, USA

### Deadline for manuscript submissions

closed (25 January 2025)

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/186583](https://mdpi.com/si/186583)

*Genes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[genes@mdpi.com](mailto:genes@mdpi.com)

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

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



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))