

# Special Issue

## Reviews in Genetic Bioinformatics: Tools and Analyses

### Message from the Guest Editor

This Special Issue aims to publish high-quality review papers in *Genes*. Biotechnology is revolutionizing research on genetics. Bioinformatics is critical in analyzing genetic data collected using modern biotechnology. This Special Issue focuses on reviews of the bioinformatics tools and analyses that have developed in recent years for genetic research. It will highlight the recent developments in bioinformatics tools and innovative applications in genetic research and can serve as a reference and guidance for selecting the right bioinformatics tools within the vast area of genetic research.

---

### Guest Editor

Dr. Hongyan Xu

Department of Population Health Sciences, Augusta University,  
Augusta, GA 30912-4900, USA

---

### Deadline for manuscript submissions

closed (20 January 2026)

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

## Genes

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.1  
CiteScore 5.9  
Indexed in PubMed



[mdpi.com/si/249139](https://mdpi.com/si/249139)

*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/  
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 3.1  
CiteScore 5.9  
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  
Experimental Cancer Therapeutics, 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))