

## Special Issue

# Bioinformatics and Computational Genomics

### Message from the Guest Editor

Bioinformatics, as an interdisciplinary field, has extensively covered the application of computer science, information, mathematics and computing to biological and clinical scenarios in recent decades. Now, the volume of genome data is exponentially increasing due to the application of sequencing methods such as next-generation technologies. These enormous volumes of genetic data need to be properly analysed and interpreted. Computational genomics and bioinformatics are efficient methods by which to extract biological information from complex genomic data. This Special Issue focuses on recent developments or advances in computational genomics and bioinformatics methods in biology for the clinical field. It aims to provide both breadth in its diversity and depth in its consideration of cutting-edge techniques for computational genomics and bioinformatics. We welcome the submission of research articles addressing significant research findings and novel methods/tools, as well as reviews in bioinformatics and computational genomics.

### Guest Editor

Dr. Quan Li

Princess Margaret Cancer Centre, University Health Network, University of Toronto, Toronto, ON, Canada

### Deadline for manuscript submissions

closed (5 May 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/192201](https://mdpi.com/si/192201)

*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)



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))