



*genes*



an Open Access Journal by MDPI

## Bioinformatics of Human Diseases

Guest Editor:

**Dr. Hongyan Xu**

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

Deadline for manuscript  
submissions:

**10 September 2024**

### Message from the Guest Editor

Dear Colleagues,

Bioinformatics is the scientific discipline that involves the use of computers to collect, store and analyze information about biological data, including DNA and amino acid sequences or annotations about sequences. Bioinformatics is an important discipline for life science research today. The goal of this research branch is to reveal the complexity of genome information structure and the fundamental laws of genetic language, and to clarify the structure, function, interaction and relationship between human proteins and various human diseases, seeking for a variety of therapeutic and preventive measures.

Given the significant potential of bioinformatics to understand human disease, this Special Issue invites researchers to publish their work on bioinformatics analysis methods for disease identification, classification, diagnosis and prognosis that address the current advances in bioinformatics relating human diseases. If you would like more information about the Special Issue, please feel free to contact us.



[mdpi.com/si/172269](https://mdpi.com/si/172269)

# Special Issue



*genes*



an Open Access Journal by MDPI

## 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

## Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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?

## 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 & Heredity*) / CiteScore - Q2 (*Genetics*)

## Contact Us

*Genes* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/genes](http://mdpi.com/journal/genes)  
[genes@mdpi.com](mailto:genes@mdpi.com)  
[X@Genes\\_MDPI](https://twitter.com/Genes_MDPI)