



*genes*



an Open Access Journal by MDPI

## Bioinformatic Approaches in Cancer

Guest Editors:

### **Dr. Adriane F. Evangelista**

Molecular Oncology Research  
Center, Barretos Cancer Hospital,  
Barretos 14784-400, Brazil

### **Dr. Rui Manuel Reis**

1. Molecular Oncology Research  
Center, Barretos Cancer Hospital,  
Barretos 14784400, SP, Brazil  
2. Life and Health Sciences  
Research Institute (ICVS), School  
of Medicine, University of Minho,  
4710057 Braga, Portugal  
3. ICVS/3B's - PT Government  
Associate Laboratory, 4806909  
Braga/Guimaraes, Portugal

Deadline for manuscript  
submissions:

**closed (20 May 2023)**

### **Message from the Guest Editors**

You are invited to contribute to a Special Issue of *Genes* that will focus on a Multi-omics Approach in Cancer. The advent of high-throughput technologies has enabled the development of methods for genome-wide characterization and detection of global transcript levels. Recently, bioinformatics tools have been developed and applied to the integration of the massive amount of data across multiple omics layers. Each type of omics data provides high-dimensional and meaningful information on the molecular mechanisms underlying the disease. An integrative approach provides a basis for the development of targeted cancer therapies.

In this Special Issue of *Genes*, we welcome reviews, new methods, and original research articles that apply different layers of multi-omics data (i.e., genome, transcriptome, epigenome, proteome, metabolome) for cancer research.

We look forward to receiving your contributions.



[mdpi.com/si/141618](https://mdpi.com/si/141618)

# 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* 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?

## 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))

## Contact Us

---

*Genes* Editorial Office  
MDPI, Grosspeteranlage 5  
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)