

## Special Issue

# Cancer Risk and Gene Variations

### Message from the Guest Editors

The advancing of genomic technologies has allowed the identification of a great number of genetic variations associated with cancer development and has thus allowed us to deepen our knowledge of the genetic architecture of cancer risk. This knowledge has helped in the establishment of public health strategies to reduce cancer prevalence and to improve early molecular diagnostics. This Special Issue aims to describe the state of the art of the current research performed in genetic and genomic risk in cancer. Contributions are expected to highlight genomic variations that underly genetic risk for specific types of cancers, explore genetic modifying factors in people exposed to known environmental carcinogens, characterize the functional effects of genetic variants on cellular models, evaluate the impact of genetic variation in pathophysiology mechanisms, and describe genomic variants as biomarkers of prognosis and treatment response. Contributions in the form of research papers and critical reviews are all welcome.

### Guest Editors

Dr. Emilio J. Córdova

Clinic Research, National Institute of Genomic Medicine, Mexico City, Mexico

Dr. Leticia Rocha-Zavaleta

Departamento de Biología Molecular y Biotecnología, Universidad Nacional Autónoma de México (UNAM), Mexico City, Mexico

### Deadline for manuscript submissions

closed (25 January 2024)

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/179970](https://mdpi.com/si/179970)

*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 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))