



*genes*



an Open Access Journal by MDPI

## Mechanisms of Replication of Damaged DNA

Guest Editors:

**Dr. Alena Makarova**

Institute of Molecular Genetics,  
National Research Center  
Kurchatov Institute, Moscow,  
Russia

**Prof. Dr. Youri I. Pavlov**

Eppley Institute for Research in  
Cancer and Allied Diseases,  
University of Nebraska, Omaha,  
NE, USA

### Message from the Guest Editors

Dear Colleagues,

This Special Issue will cover research on DNA damage tolerance and TLS mechanisms, the molecular basis of induced mutagenesis, and recent advances in biochemical and crystallographic studies of DNA polymerases.

In this Special Issue of *Genes*, we welcome reviews, original research articles, and short communications.

Deadline for manuscript  
submissions:

**closed (5 June 2022)**



[mdpi.com/si/67947](https://mdpi.com/si/67947)

# 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 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](#)