



genes



an Open Access Journal by MDPI

Mechanisms and Regulation of Human DNA Replication

Guest Editor:

**Prof. Dr. Heinz-Peter
Nasheuer**

Centre for Chromosome Biology,
School of Biological and
Chemical Sciences, University of
Galway, H91 TK33 Galway,
Ireland

Deadline for manuscript
submissions:

15 August 2024

Message from the Guest Editor

Dear Colleagues,

In their influential review, ‘Hallmarks of Cancer: Next Generation’, Hanahan and Weinberg described the genome instability of cells as the most prominent enabling characteristic for cancer development, thus making it a central function on the long path for a normal cell becoming a cancer cell. The accurate and timely replication of the human genome is central for the prevention of genome instability and associated diseases including cancer and other genetic diseases.

This Special Issue, “Mechanisms and Regulation of Human DNA Replication”, aims to collect high-quality research articles, review articles, and communications in the field of human DNA replication from all areas of biomedical research including cell, molecular, and structural biology, which will advance our understanding of these essential cellular processes. These articles will display the current state of the art and may pave the way for future, novel medical therapies to prevent cancer and other genetic diseases.

Prof. Dr. Heinz-Peter Nasheuer
Guest Editor



mdpi.com/si/173570

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

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)