

## Special Issue

# Mechanisms and Regulation of Human DNA Replication

### Message from the Guest Editor

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.

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### Guest Editor

Prof. Dr. Heinz-Peter Nasheuer

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### Deadline for manuscript submissions

closed (15 August 2024)

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## Genes

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### 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?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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