

## Special Issue

# Genomics and Bioinformatics Analysis of Human Circadian Clock

### Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue, “Genomics and Bioinformatics Analysis of Human Circadian Clock”. The human circadian clock plays a crucial role in regulating a wide array of physiological processes, including sleep–wake cycles, metabolism, and hormonal rhythms. Disruptions to this clock have been linked to various health conditions such as sleep disorders, metabolic syndromes, and cancer. Recent advances in genomics and bioinformatics have provided powerful tools to explore the genetic mechanisms underlying circadian rhythms and their impact on human health. This Special Issue aims to gather cutting-edge research focused on the genetic regulation of circadian rhythms, the identification of novel clock-related genes, and bioinformatics approaches to understanding circadian clock dynamics. We welcome original research, reviews, and case studies that enhance our understanding of circadian biology and its potential therapeutic applications.

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### Guest Editor

Dr. Timothy J. Hearn

Academic Department of Medical Genetics, University of Cambridge,  
Cambridge, UK

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### Deadline for manuscript submissions

closed (25 April 2025)

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## Genes

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*Genes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[genes@mdpi.com](mailto:genes@mdpi.com)

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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  
Experimental Cancer Therapeutics, The University of Alabama at  
Birmingham, 1825 University Blvd., SHEL 814, Birmingham, AL 35294-  
2182, USA

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