

## Special Issue

# Epigenetics: Mechanisms in Toxicology and Disease

### Message from the Guest Editors

Epigenetic mechanisms are reversible modifications that regulate gene expression and, ultimately, cellular function. These modifications, such as DNA methylation, histone modifications, and RNA interference by non-coding RNAs, can be altered by external factors and play a powerful role in toxicological outcomes and human diseases. As a result, emerging evidence has identified changes in epigenetic modifications as biomarkers and targets of therapeutic intervention. The aim of this Special Issue is to collate original research articles and reviews that explore the current knowledge on epigenetic mechanisms associated with toxicology and human diseases. This includes studies on pharmaceuticals, food contaminants, environmental pollutants, metabolic diseases, and viral diseases, amongst others.

### Guest Editors

Prof. Dr. Anil Amichund Chuturgoon

Department of Medical Biochemistry, School of Laboratory Medicine and Medical Sciences, College of Health Sciences, University of KwaZulu-Natal, Durban 4041, South Africa

Dr. Terisha Ghazi

Department of Medical Biochemistry, School of Laboratory Medicine and Medical Sciences, College of Health Sciences, University of KwaZulu-Natal, Durban 4041, South Africa

### Deadline for manuscript submissions

closed (15 October 2023)

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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  
Department of Pathology, The University of Alabama at Birmingham,  
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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