

## Topical Collection

# Epigenetic Mechanisms in Diabetes Research

### Message from the Collection Editor

The rising global epidemic of obesity, cardiovascular disease and diabetes underscores the current challenge of characterizing the metabolically responsive epigenome. Recent studies investigating the molecular mechanisms linking fat and glucose metabolism with the epigenome highlight important regulatory determinants that underpin the expression of genes implicated in disease yet remain poorly understood. Epigenomes is now accepting submissions for a special issue on "Epigenetic Mechanisms in Diabetes Research". This Special Issue is Guest-Edited by Professor Sam El-Osta from Monash University and will accept original research results and reviews, as well as special interest topics related to methods and resources of exceptional interest on topics related to metabolic regulation by epigenetic mechanisms in health and disease. I do hope you will join me in this Special Issue.

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### Collection Editor

Prof. Dr. Assam El-Osta  
Baker Heart and Diabetes Institute, Melbourne, VIC 3004, Australia

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## Epigenomes

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an Open Access Journal  
by MDPI

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Impact Factor 3.5  
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## About the Journal

### Message from the Editor-in-Chief

In the past years the growth of the epigenetic field has been outstanding, from here the need of a journal where to centralize all new information on the subject. The term epigenetics is now broadly used to indicate changes in gene functions that do not depend on changes in the sequence of DNA. *Epigenomes* covers all areas of DNA modification from single cell level to multicellular organism as well as the epigenetics on human pathologies and behavior.

*Epigenomes* (ISSN 2075-4655) is a fully peer-reviewed publication outlet with a rapid and economical route to open access publication. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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### Editor-in-Chief

Prof. Dr. Ernesto Guccione

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#### High Visibility:

indexed within Scopus, ESCI (Web of Science), PMC, PubMed, Embase, PubAg, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Biochemistry, Genetics and Molecular Biology (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.5 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).