



cells



an Open Access Journal by MDPI

Transcriptional Factors and Epigenetic Mechanisms in Obesity and Related Metabolic Comorbidities

Guest Editor:

Prof. Dr. Mohamed Zaiou

School of Pharmacy & The
Institute of Jean-Lamour, The
University of Lorraine, UMR 7198
CNRS, CEDEX, 54505 Vandoeuvre
les Nancy, France

Deadline for manuscript
submissions:

closed (30 March 2022)

Message from the Guest Editor

Dear Colleagues,

Obesity is a rapidly growing public health concern worldwide. There is therefore an urgent need to develop new preventive and therapeutic strategies for this metabolic disorder. Tailored diagnosis and therapy of obesity require an understanding of the disease mechanisms and development of novel classifier and predictor biomarkers. In this respect, several research projects are in progress, focusing on epigenome and transcriptional factors (TFs) as frameworks for identifying obesity regulatory mechanisms and hopefully therapeutic strategies.

This Special Issue aims to address the epigenome and TFs regulatory role in obesity and associated metabolic comorbidities.

Potential topics include but are not limited to the following:

- Epigenome, role of DNA methylation, histone modifications and ncRNAs (miRNAs, lncRNAs, circRNAs) in obesity
- TFs molecular biology in the regulation of genes associated with obesity
- Potential interplay between epigenome and TFs frameworks and their combined impact on obesity and associated complications.



mdpi.com/si/44878

For further reading, please visit the Special Issue page site.

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](#)