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DNA Methylation in Health and Diseases

Guest Editor:

Prof. Dr. Maurizio D'Esposito

Institute of Genetics and
Biophysics, Adriano Buzzati
Traverso, 80131 Naples, Italy

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Message from the Guest Editor

The completion of the human genome project produced a comprehensive list of all genes necessary to build a human organism. However, years of extensive research have demonstrated that the situation is far more complex than a simple list of genes. Here we review the impact of the studies on DNA methylation, the “primadonna” in the epigenetic scenario, on the understanding of basic processes and pathological conditions that bring the so-called ***Chromatin Diseases***. This Special Issue will thus be subdivided into contributions focused on the role of DNA methylation in biological processes, such as imprinting, the alteration of DNA methylation in genetic diseases and the alterations in components of DNA methylation machinery.



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Special Issue



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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

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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