



New Advances in Epigenetics and Epigenomics

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Epigenetic changes have been implicated in various diseases such as cancer, neurodegenerative conditions, autoimmune disease and cardiovascular disease. Epigenetics refers to heritable changes in gene function that do not involve changes to the underlying DNA sequence, and epigenomics is the study of these changes across the entire genome. In recent years, advances in high-throughput sequencing technology, genome editing and multi-omics analysis have facilitated the study of epigenetic changes. This Special Issue will focus on studies utilizing advances in epigenetics and epigenomics including, but not limited to, single-cell epigenomics, CRISPR-based epigenomic editing, DNA methylation and demethylation dynamics, epitranscriptomics and the integration of epigenomic data with other “omics” fields.

Dr. Vicki Maltby

Guest Editor





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Message from the Editor-in-Chief

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