

## Special Issue

# New Advances in Epigenetics and Epigenomics

### Message from the Guest Editor

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.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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