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Cancer Epigenetics-Recent Developments in Epigenetic Diagnostics and Therapy

Guest Editor:

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Message from the Guest Editor

The field of cancer epigenetics has flourished in the past twenty years, and our knowledge and understanding of epigenetic abnormalities has expanded enormously. DNA methylation-based cancer biomarkers were successfully developed and introduced into clinical practice. The complexity of epigenetic phenomena, which emerges from epigenomic studies, leads to new questions about the basic mechanisms of action of the epigenetic machinery and the mechanisms of its dysregulation in cancer.

I hope that this Special Issue on Cancer Epigenetics will be a creative space for presenting the results of novel studies and exchanging ideas about the significance of DNA methylation and histone modifications in cancer. What is needed is in-depth synthesis of current knowledge, but also marking the unknown terrain in the field, in order to be able to ask the right questions in the future. Therefore, you are invited to contribute to this discussion.



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Special Issue



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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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