

Special Issue

Advances in Epigenetic Regulation in Cancer

Message from the Guest Editor

In cancer, hypomethylation of the entire genome and hypermethylation of tumor suppressor genes are often found in various cancer types. Whole-genome DNA methylation profiling reveals signatures that can be used for predicting cancer survival or early detection. Recently several epigenetic drugs have been used in clinical studies. Therefore, investigating the role of epigenetic regulation in cancer will help us better understand the molecular mechanisms under which environmental changes lead to tumorigenesis and progression. It has been found that the tumor tissue can be highly heterogeneous, plasticity and host a highly dynamic microenvironment. The research on epigenetic regulation will provide novel chemotherapy targets and screening methods for early detection and improved prognosis.

Guest Editor

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Deadline for manuscript submissions

closed (25 August 2021)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/83351

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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