

Special Issue

Epigenetic Mechanisms in Cancer Biology

Message from the Guest Editor

It is now widely recognized that epigenetic dysregulation is a hallmark of cancer development and progression. Different epigenetic mechanisms, including DNA methylation, histone modifications, and RNA-mediated epigenetic regulation, among others, have been linked to a wide variety of cancer types, including but not limited to breast, prostate, lung, and colon cancer. Because epigenetic alterations are so ubiquitous in cancer, it has been postulated that epigenetic biomarkers can be useful for cancer screening and monitoring of treatment efficacy. Beyond that, epigenetic changes may prove to be useful targets for novel treatment strategies. However, important research gaps remain. Studies that investigate these specific aspects of the mechanistic relationship between epigenetic alterations and cancer are warmly solicited for this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/215537

*International Journal of
Molecular Sciences*
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