



Evolving Landscape of DNA Repair in Cancer Therapy

Guest Editor:

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Message from the Guest Editor

Cancer is fundamentally a disease of the genome that is reliant on a compromised DNA damage response (DDR) network to promote oncogenic transformation. Despite the need to undergo mutagenic changes, tumor cells are dependent on a repertoire of DNA repair mechanisms to maintain genome integrity and mediate resistance against genotoxic drugs. With the availability of high-throughput omics data, precision medicine can gain better insights into individual tumor profiles. By detecting vulnerabilities in the different DNA repair pathways, specific targeting can be implemented to eradicate tumor growth.

For this Special Issue, we are interested in featuring original research and review articles that focus on mammalian genome instability pathways and/or the links between DNA repair and cancer.





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Message from the Editor-in-Chief

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