



## Evolving Landscape of DNA Repair in Cancer Therapy

Guest Editor:

### Dr. Yi Chieh Lim

Brain Tumor Biology, Danish  
Cancer Research Center (DCRC),  
2100 Copenhagen, Denmark

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submissions:

**closed (31 December 2023)**

### 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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### Prof. Dr. Felipe Fregni

1. Neuromodulation Center and  
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Massachusetts General Hospital,  
Harvard Medical School, Boston,  
MA 02114, USA  
2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## Message from the Editor-in-Chief

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*Biomedicines* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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