



DNA

an Open Access Journal by MDPI

From Mutation and Repair to Therapeutics

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Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

Dear Colleagues,

DNA research has grown from the structural aspects of non-canonical base pairing to pseudoknots and other unorthodox arrangements, from the infrequent misreplication of unaltered bases to DNA lesion-derived mutagenesis, and from biomarkers to therapeutics. This Special Issue of *DNA* will explore recent advances in some of these areas, with an emphasis on the DNA damage-induced alteration of cellular functions and DNA therapeutics.

In this issue, the primary focus will be on recent advances made in the following topics.

- DNA adducts and lesions: formation, repair, translesion synthesis, and mutational signatures;
- DNA modifications in genetics and epigenetics;
- Nucleic acid modifications as biomarkers in chemistry, biology, and diseases;
- DNA/RNA therapeutics.

The type of papers that will be considered for publication in this issue are research articles, communications, reviews, and perspectives.

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mdpi.com/si/107463

Special Issue