



Protein and DNA Interaction

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Message from the Guest Editor

Dear Colleagues,

Protein/DNA interactions are crucial to many cellular processes such as gene expression, replication, DNA repair, DNA compaction, and regulations.

Some studies also revealed that many protein/DNA interactions are regulated by protein/protein interactions. The formation of multiprotein complexes is required to regulate gene expression or DNA repair. Chromatin remodeling factors play an essential role in eukaryotic cells where DNA is compacted in chromatin. Exciting progress has been made to analyze these multi-protein/DNA interactions and investigate protein-DNA interactions inside cells in the crowded and complex molecular environment.

This special issue is intended to provide a forum to discuss protein-DNA interactions from broader perspectives, ranging from an atomic/molecular level to a cellular/organismic level. We invite you to contribute to your research, extending our current knowledge about protein/DNA interaction and the approaches used for such studies.

Prof. Dr. Masayuki Takahashi
Guest Editor





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Message from the Editor-in-Chief

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