



Protein and DNA Interactions 2.0

Guest Editor:

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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. There are different types of interactions depending on the nucleotide sequence, structure, etc. Various approaches have been developed to study these protein/DNA interactions and their critical functions. They include structural analyses, molecular simulations, biochemical studies, mutation analyses, and single-molecule observations, among others. These studies clarified how proteins recognize their specific target DNA and modify its structure.

This Special Issue intends to provide a forum to discuss protein–DNA interactions from broader perspectives, ranging from those at an atomic/molecular level to a cellular/organismic level. In particular, review articles by experts in the field are welcome.

We invite you to contribute your research, expanding our current knowledge about protein/DNA interactions and the approaches used.

Prof. Dr. Masayuki Takahashi
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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