

Special Issue

Protein and DNA Interactions: 2nd Edition

Message from the Guest Editor

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.

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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