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# DNA-Protein Interactions

## *Principles and Protocols*

## Third Edition

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Gene expression can mean the difference between a functional and non-functional genome, between health and disease, and with the development of transgenic crops, the difference between survival and starvation. In *DNA-Protein Interactions: Principles and Protocols, Third Edition*, this vital subject is brought up to date with protocols exploring the most cutting-edge developments in the field, including in vivo and genome-wide interaction techniques. Addressing topics such as chromatin immunoprecipitation, topological studies, photocrosslinking, FRET and imaging techniques, the volume fully updates and expands upon the successful previous editions. Written in the convenient and informative *Methods in Molecular Biology™* series format, chapters include introductions to their respective subjects, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and notes on troubleshooting and avoiding known pitfalls.

Comprehensive and authoritative, *DNA-Protein Interactions: Principles and Protocols, Third Edition* serves as an ideal guide for all those exploring this dynamic, essential, and increasingly affordable area of research.

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