Record Nr. UNINA9910719768603321 Impacts of Molecular Structure on Nucleic Acid-Protein Interactions // Titolo edited by Vaclav Brazda, Richard Bowater Pubbl/distr/stampa [Place of publication not identified]:,: MDPI - Multidisciplinary Digital Publishing Institute, , 2023 **ISBN** 3-0365-7444-1 Descrizione fisica 1 online resource (216 pages) Disciplina 574.8732 Soggetti Nucleic acids - Synthesis Molecular structure Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto Interactions between nucleic acids and proteins are essential requirements for the viability of cellular life because they are indispensable for many basic biological processes. DNA is typically presented as a specific double-stranded helical structure, but nucleic acids have great structural flexibility. Current knowledge demonstrates that the structural conformations of nucleic acids play critical roles in protein-DNA interactions. This book presents a collection of research findings published in the Special Issue of the International Journal of Molecular Sciences, titled "Impacts of Molecular Structure on Nucleic Acid-Protein Interactions".