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# Topoisomerase Interaction

National Cancer Institute

## Source

National Cancer Institute. *Topoisomerase Interaction*. NCI Thesaurus. Code C40548.

Topoisomerase Interaction involves temporary non-covalent binding through intermolecular physical forces of attraction and spatial complementarity with enzymes that change the degree of supercoiling in DNA by cutting one or both strands. Type I topoisomerases cut only one strand of DNA, while type II topoisomerases cut both strands of DNA.