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Nucleotide Excision Repair Inhibition

National Cancer Institute

Source

National Cancer Institute. *Nucleotide Excision Repair Inhibition*. NCI Thesaurus. Code C40662.

Nucleotide Excision Repair (NER) Inhibition involves interference with, or restraint of, the activities that mend DNA regions containing chemical adducts, carcinogenic adducts, or thymine dimers. During NER in eukaryotes, protein complexes detect DNA shape irregularities, induce cuts on each side of the lesion, remove the damaged fragment, and repair the helix by synthesis and ligation.