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Suicide Gene Therapy

National Cancer Institute

Source

National Cancer Institute. *Suicide Gene Therapy*. NCI Thesaurus. Code C16115.

Targeted cancer therapy that forces cancer cells to self-destruct. Suicide gene therapy involves delivering a transgene into cancer cells through various targeted delivery methods followed by systemic exposure to a pro-drug. Within target cells the pro-drug is converted to an active form by the transgene, resulting in cell death.