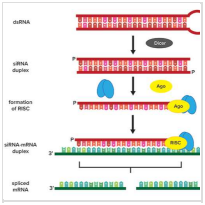

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RNAi Mechanism using siRNA

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ABSTRACT

RNA interference (RNAi) is a biological process in which RNA molecules silence specific genes, it's first discovered in plants and Caenorhabditis elegans and later in mammalian cells. This discovery is one of the most important advances in biology, so Andrew Fire and Craig C. Mello shared the 2006 Nobel Prize in Physiology or Medicine for their contribution on discovery of RNAi technology. RNAi technology is becoming an important tool for cancer research nowadays.
There are two effector molecules involving RNAi, one is small interfering RNA (siRNA for short), the other is micro RNA (miRNA for short).

EXTERNAL LINK

https://rna.bocsci.com/products-services/sirna.html

PROTOCOL CITATION

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