



Description

Curing genetic diseases has always been troublesome for the researchers. Researchers, however, have discovered a way to cure genetic diseases. This same method could also serve as a tool to modify the RNA and thereby cure the genetic disease. A researcher at the Scripps Research Institute, Florida, has devised a new tool that could delete certain gene products. This will also pave the way of making drugs that could be taken as pills to correct genetic diseases. According to the researchers, almost 70-80% of the genome gets transcribed into RNA, thereby enabling more targets to be drugged, named it RIBOTAC complex. A part of the complex has a drug-like molecule that could bind to a specific RNA-degrading enzyme and destroy when the specific gene product is released. The other part of the complex binds to a microRNA oncogene that could boost cancer cell proliferation and stop its functioning. This is how possibly genetic diseases will get cured.

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Category

1. Checklist

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Author

daveishan