

DNA is the hereditary material responsible for passing genetic info from cell to cell.

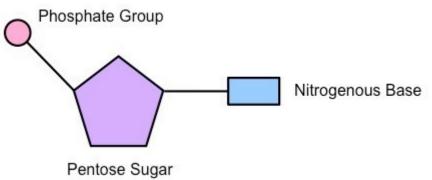
**DNA is stable because:** 

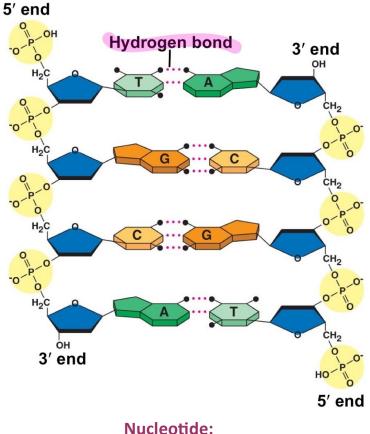
Phosphodiester backbone protects organic bases inside the double helix

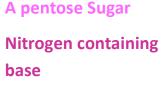
Uracil (U)

Hydrogen bonds link the organic base pairs

1953—Watson and Crick = discovered structure of DNA following work by **Rosalind Franklin on X-Ray diffrac**tion.







## **Phosphate group**