

IV. History of the Structure of DNA

A. Rosalind Franklin

- Produced
- Showed that: DNA is a double helix.

B. James Watson & Francis Crick (1953)

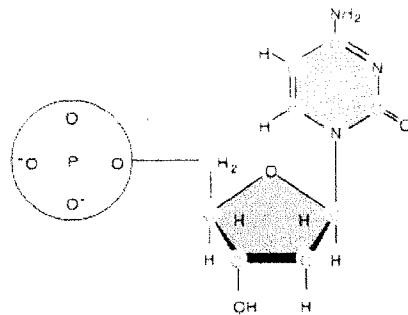
- Used (stole) Franklin's photo to build DNA model
=>
- Won Nobel Prize in 1962 for their model of DNA.

V. The Structure of DNA

A. The _____ is made of

B. Nucleotides have three parts:

- Deoxyribose
-
- (4 kinds)



C. Two types of nucleotides

- = Adenine (A) & Guanine (G)
- = Thymine (T) & Cytosine (C)

D. _____ molecules on

E. Purines paired to pyrimidines

- _____ hydrogen bonds to
- _____ hydrogen bonds to

