

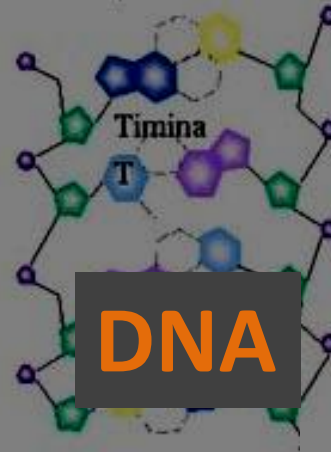


# DNA

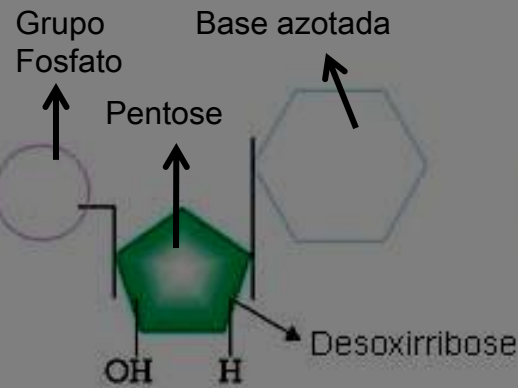
Aula nº3 – 19/Set/08  
Prof. Ana Capelo

# DNA VS RNA

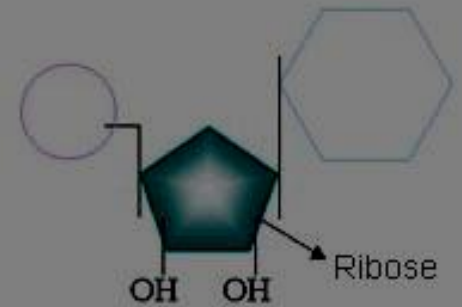
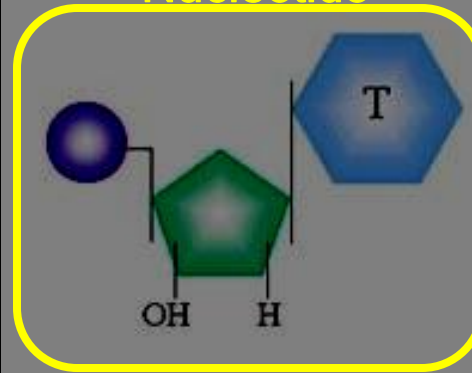
Cadeia dupla



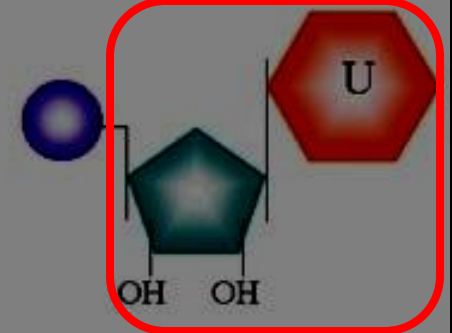
Cadeia simples



Nucleótido



Nucleósido



2 nanometers

1 turn = 10 base pairs = 3.4 nanometers

# MODELO DE DUPLA HÉLICE DO DNA

minor groove

major groove

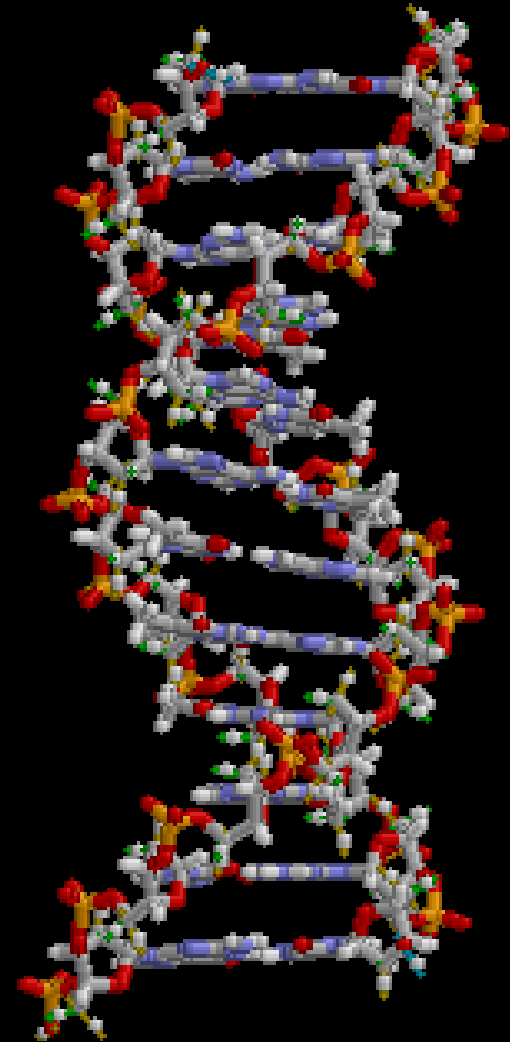


1953

James Watson  
e  
Francis Crick

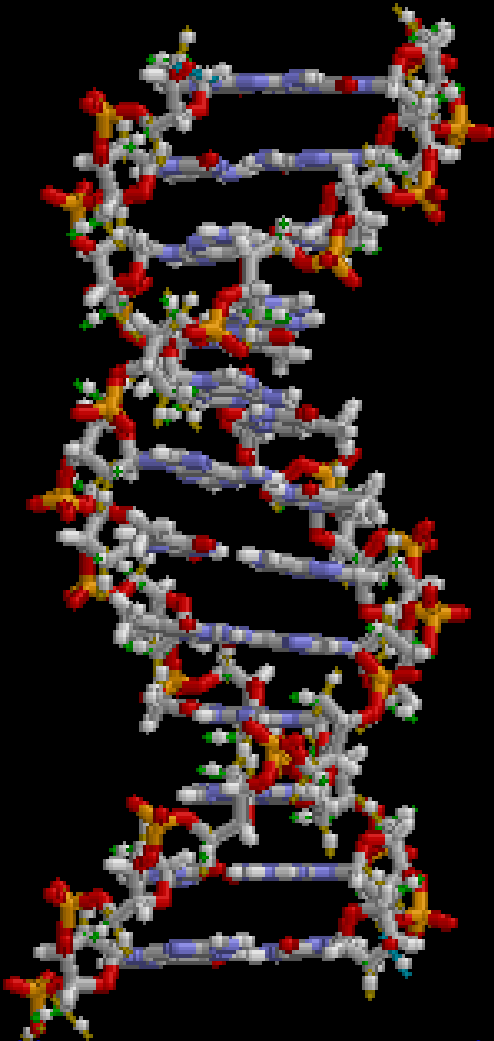
Modelo da dupla hélice

Cadeias polinucleótídicas  
antiparalelas



[http://upload.wikimedia.org/wikipedia/commons/8/81/ADN\\_animation.gif](http://upload.wikimedia.org/wikipedia/commons/8/81/ADN_animation.gif)

# MODELO DA DUPLA HÉLICE



**Como chegaram a  
estas conclusões  
???**

Respostas em:

<http://www.dnai.org/timeline/>

[http://upload.wikimedia.org/wikipedia/commons/8/81/ADN\\_animation.gif](http://upload.wikimedia.org/wikipedia/commons/8/81/ADN_animation.gif)