

Bio I

Notes: DNA and DNA Replication

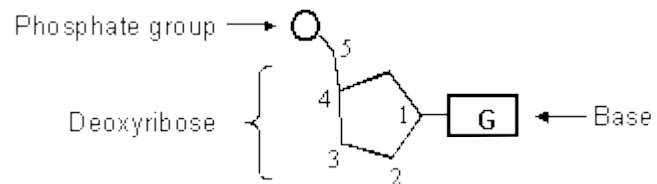
- What is DNA?

- Structure of DNA

1.

2.

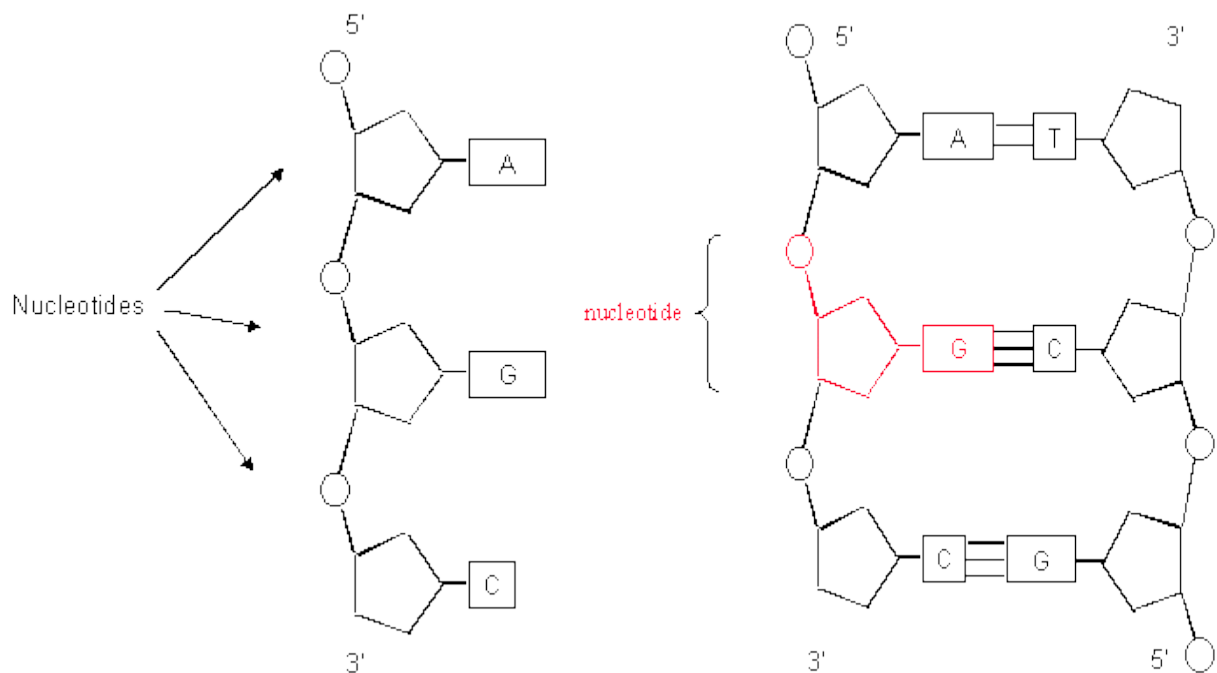
3.



- Edwin Chargaff – 1952 (terms: adenine, thymine, cytosine, guanine)

- Maurice Wilkins and Rosalind Franklin - 1952

- Francis Crick and James Watson
- Double Helix



- DNA Replication

- Location:

- DNA Replication occurs in three main steps

- 1.

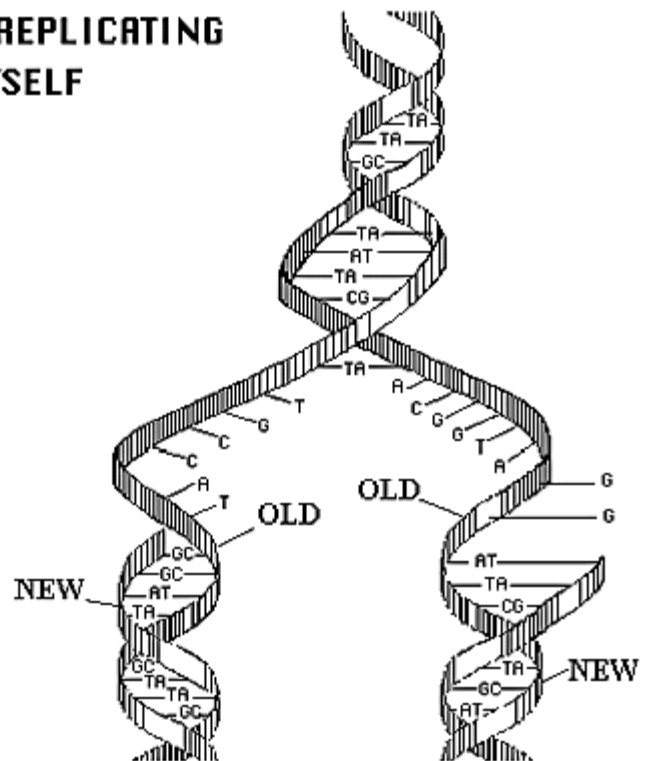
- 2.

- 3.

- Diagram of DNA Replication

- Single Strand: ACT CAT GGC TAG

DNA REPLICATING ITSELF



- Animations of DNA Replication

- <http://www.johnkyrk.com/DNAreplication.html>

- <http://www.ncc.gmu.edu/dna/repanim.htm>