

AP Biology

History of Genetic Research Video

1. Friedrich Miescher –
2. How was it believed the genetic information was carried at this time?
3. Frederick Griffith's Experiment - What is the process of transformation?
4. Avery, Macleod & McCarty Experiment - What did they prove?
5. Martha Chase & Alfred Hershey's Experiment - What is a bacteriophage?
What did they prove?
6. P.A. Levine's Experiment - What did he show?
 - a. Structure of a Nucleotide
 - b. (wrong idea)

7. Erwin Chargaff - What did he discover?

8. What is the process of X-Ray Crystallography of DNA ?

9. Rosalind Franklin & Maurice Wilkins work - What did they figure out?

10. DNA is composed of what?

a. What is a Purine?

b. What is a Pyrimidine?

11. Watson & Crick - What did they discover?