

Scientists and discoveries

1- James Watson + Frances Crick

They discovered the double helix model for the DNA

2- Fredrick Griffith

He started an experiment on Streptococcus pneumonia and at the end he called the phenomenon Transformation which changed in genotype and phenotype due to assimilation of external DNA by a cell

3- Oswald Avery + Maclyn McCarty + Colin Macleod

They identified the transforming substances as DNA any Buttonhooks knowing that

4- Alfred Hershey + Martha Chase

They performed experiments showing that DNA is the genetic material of a phage known as T2

T2 = DNA + Protein

5- Erwin Chargaff (in 1950)

He analyzed the base composition of DNA from a number of organisms

6- Maurice Wilkins + Rosalind Franklin

They used X-Ray Crystallography to study molecular structure, at the end, they both confirmed that DNA is helical

7- Morgan

He showed that genes exist as a basic part of the chromosomes

8- Linus Pauling

he proposed that the DNA is three stranded model which is then had been wrong thing