

# Scientists and discoveries

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## **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