



2023. The year of DNA.

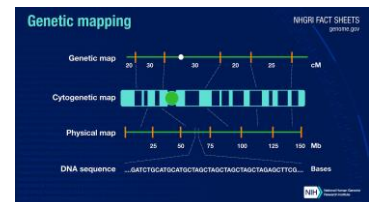
1953

70 years ago, a discovery opened the door for the most famous branch of Sciences: Genetics. The mystery of inheritance started to reveal. Doctor Rosalind Franklin obtained the first image of the molecule of deoxyribonucleic acid with a technique called X-ray crystallography known as photo 51 which later was used by Francis Crick and James Watson to build up their famous model of the molecule that gave them the Nobel price in 1953.



2003

After several discoveries, including techniques to identify, isolate and trace the components of DNA, 30 years ago, in 2003, the human genome was completed.



During these 70 years, different applications of genetics had been developed, such as Genetic Engineering, DNA profiling, cloning, gene edition and gene therapy. Many controversies surround these techniques, and the discussion is opened. That is why, this year in CIEDI we were working hard with 9th and DP Biology students of year 1 about these topics, and here are some of their amazing products:



DNA

- [A guide to DNA Extraction](#)
- [DNA Profiling Techniques](#)
- [Genetically Modified Organisms](#)
- [Cooperation vs Competition in Science](#)
- [DNA Profiling](#)

