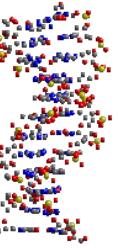
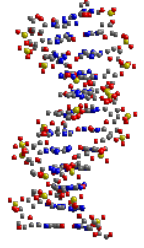
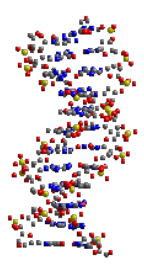


LICEO CLASSICO "GIOACCHINO DA FIORE" - RENDE (CS) - 20/21

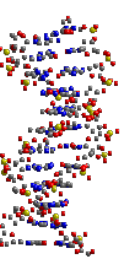
Prof.ssa Fabiola Salerno



The Discovery of the DNA structure



A REAL GROUP WORK?



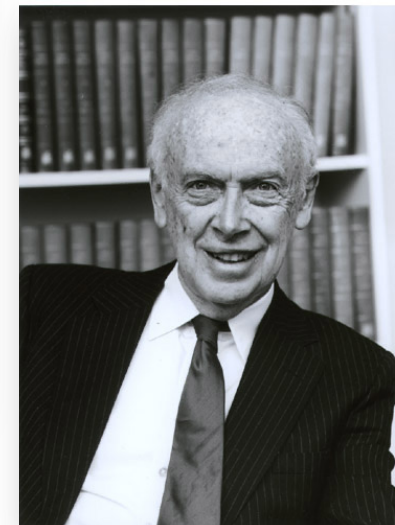
Francis Crick
Northampton, 1916
San Diego, 2004



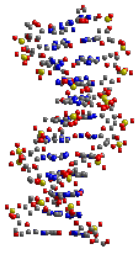
Maurice Wilkins
Pongaroa, 1916
London, 2004



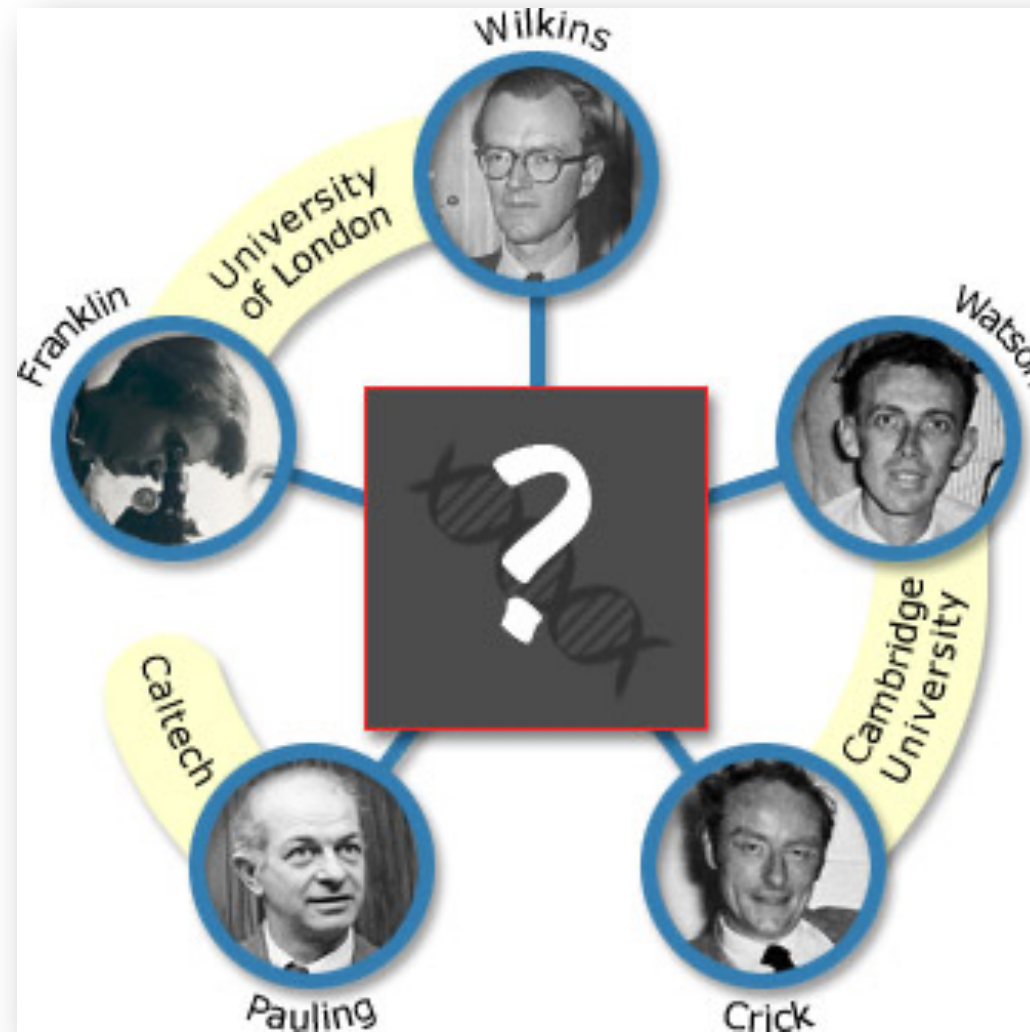
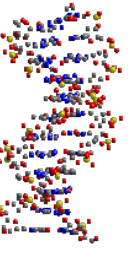
**Rosalind
Franklin**
London, 1920
London, 1958



James Watson
Chicago, 1928

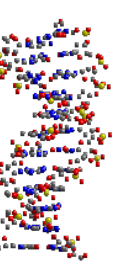


The Great Race



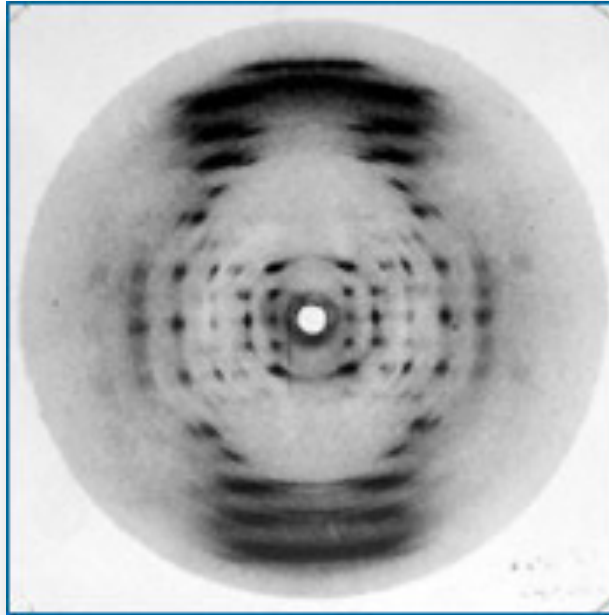
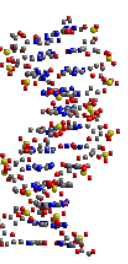


Nobel Prize in 1962

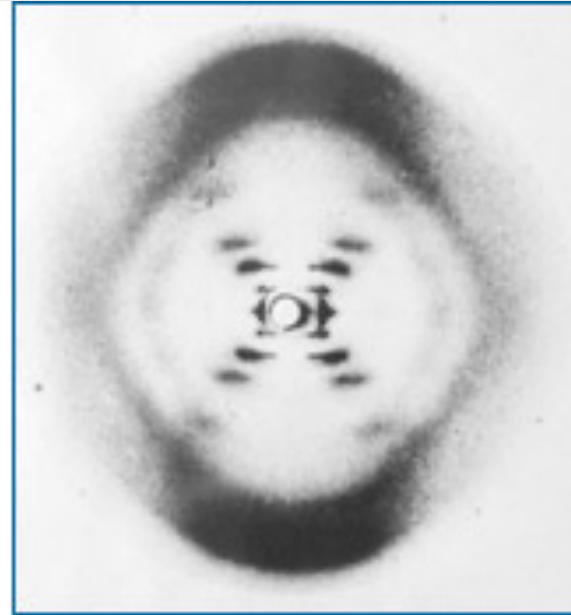




EUREKA!!!



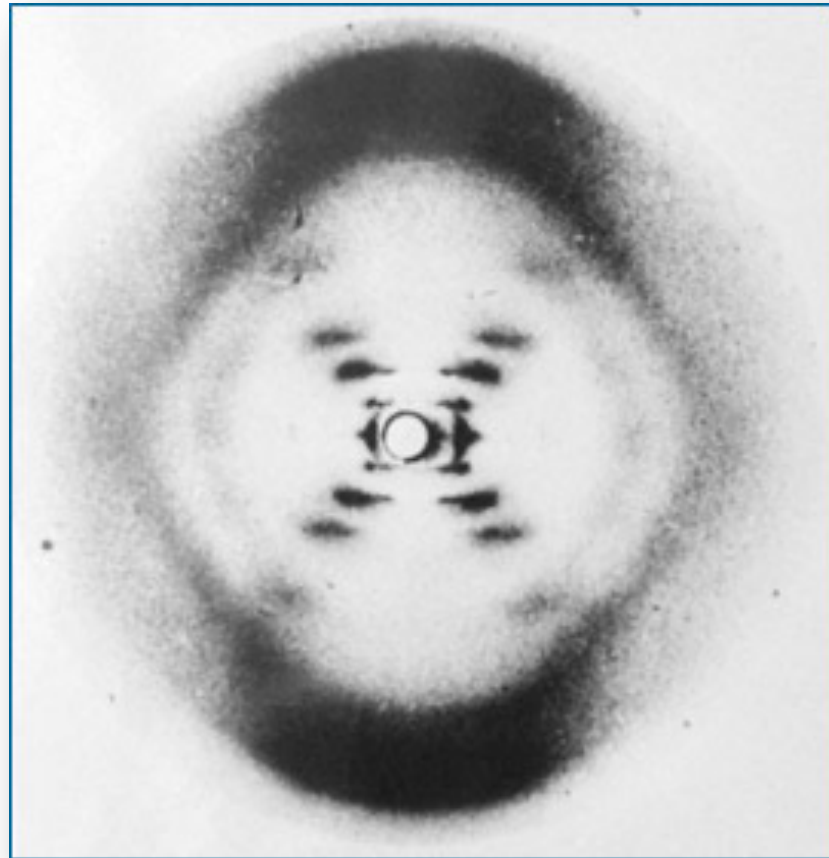
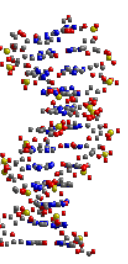
The dry A form held
less water



In the wet B form
water molecules
cling to the DNA, causing
it to stretch out



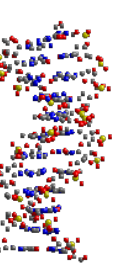
IMAGE B51



It was the 51st image taken



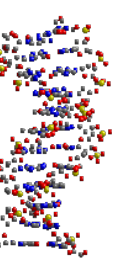
Inside Microlanguage 1



- ☞ Chromosome /'krəʊməsəʊm/ = Cromosoma
- ☞ Crystalline /'krɪstəlaɪn/ = Cristallino
- ☞ Deoxyribonucleic acid /di,ɒksi,raɪbəʊnju:,kleɪɪk 'æsɪd/ =
Acido desossiribonucleico
- ☞ Gene /dʒi:n/= Gene
- ☞ Helix /'hi:lɪks/ = Elica; Helices /'hɛlɪ,sɪ:z/ = Eliche
- ☞ Heredity /hɪ'redɪtɪ/ = Ereditarietà
- ☞ Hydrogen /'haɪdrədʒən/ = Idrogeno
- ☞ Magnesium /mæg'ni:zɪəm/ = Magnesio
- ☞ Molecule /'mɒlɪkjʊ:l/ = Molecola



Inside Microlanguage 2



- ☞ Nitrogen /'naɪtrədʒən/ = Azoto
- ☞ Nitrogenous /naɪ'trɒdʒɪnəs/ = Azotato
- ☞ Oxygen /'ɒksɪdʒ[ə]n/ = Ossigeno
- ☞ Pattern /'pætən/ = Schema
- ☞ Phosphate /'fɒsfeɪt/ = Fosfato
- ☞ Phosphorus /'fɒsfərəs/ = Fosforo
- ☞ Protein /'prəʊti:n/ = Proteina
- ☞ Ratio /'reɪʃiəʊ/ = Proporzione
- ☞ X-ray /'eks'reɪ/ = Raggi X