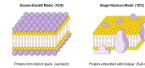


Davson-Danelli vs Singer Nicholson membranes



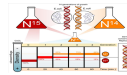
Luis Pasteur vs Francisco Redi - Spontaneous Generation

Friedrich Wohler - Vital Force

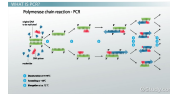


Watson & Crick - DNA structure

Meselson & Stahl - Semi Conservative replication



Taq polymerase - PCR machine



Cystic Fibrosis (ff), Sickle Cell (aa), Hemophilia (X-Y), Huntingtons (HH), Color blindness(X^bY), PKU

John Cairns' Technique - Radiograophy DNA pictures (DNA selfies)



Gregor Mendel - Inheritance laws

Alice Stewart & Marie Curie - Radioactive materials led to stopping X-rays of babies

Karen Oberhauser Bt corn - Monarchs killed by GMO corn



Charles Darwin, Wallace, and Dawkins (species & fossils)

Denise Seliskar saltmarsh cordgrass - Relocated plants



Carl Linneaus (ICZN & ICBN) - Binomial Nomenclature

Plant phylum (bryophytes, Filicinophyta, Conifers, Angiosperms)



Animal Phylum (Porifera, Cnidaria, Platyhelminthes, Annelida, Mollusca, Arthropoda, Chordata)



Types of chordates - mammals, birds, reptiles, amphibians, fish



William Harvey - Blood flow & embryology



Flemming, Chain & Florey - Penicillin



Linus Pauling Vitamin C

HL ONLY

Rosalind Franklin & Maurice Wilkins X-Ray Diffraction DNA

Hershey & Chase - Viruses & Bacteria to prove DNA is molecule of heredity



Protein Structure

Calvin - Lolipop apparatus, radioactive carbon to show carboxylation in photosynthesis in algae



Using aphid mouths (stylets) to study phloem contents in



Fritz Went & Francis Darwin discovery of what was eventually determined to be Auxin in plants

Thomas Morgan - Used fruit flies to identify non-Mendelian traits (linked and sex-linked genes)

Hardy Weinberg - Quantifies allele concentrations

Edward Jenner - Small Pox vaccine, compare to current testing methods

Bohr shift - O2 curve

