

- 1920 *Garner and Allard* : work on Photoperiodism.
- 1921 *C.C. Bridges* : Discovered duplication, deficiencies and translocations in chromosomes.
- 1924 *Feulgen and H. Rossenbeck* : Staining of DNA in cells.
- 1924 *Oparin* : Origin of life, materialistic theory.
- 1926 *T. Svedberg* : Invented ultra-centrifuge (Nobel Prize).
- 1926 *Went* : Carried out avena curvature test (auxins).
- 1928 *Griffith* : Transformation in pneumococcus bacteria.
- 1929 *A. Fleming* : Discovered Pencillin antibiotic from *Penicillium notatum*.
- 1931 *Zirnike* : Phase contrast microscope.
- 1931 *O.H. Warburg* : Respiratory pigments and enzymes (Nobel Prize).
- 1931 *Van Niel* : Photosynthesis in sulphur bacteria, photolysis (origin from water).
- 1932 Electron microscope discovery : *M. Knoll and C. Ruska*.
- 1933 *T.H. Morgan* was awarded Nobel Prize for development of gene theory, discovery of linkage of genes.
- 1934 *Kogl and Haagen Smit* isolated IAA from human urine.
- 1934 *John Hutchinson* put forward phylogenetic system of plant classification.
- 1935 *James Danielli and H. Davson* proposed a molecular model of plasma membrane, showing trilamellar structure.
- 1935 *Tensley* : Ecosystem term given.
- 1935 Crystallization of the tobacco mosaic virus (TMV) : *W.M. Stanley*
- 1937 *Robin Hill* : Demonstrated the release of molecular oxygen by illumination of isolated chloroplasts in photosynthesis.