

People believed that Germs were created by dirt. This is spontaneous generation

Fighting Disease

Doctors could try drugs out on patients without telling them it was experimental!

Fight Against Disease Timeline

1799 Jenner discovers vaccine for smallpox

1861 Pasteur discovers that Germs are linked to mould and disease

1860s Koch discovers link between HUMAN disease and germs

1909 Paul Erlich Discovers Salvarson 606 a the first 'MAGIC BULLET' against syphilis

1920s Domagk discovers the sulphonamides cure blood poisoning

1928 Alexander Fleming notes that Pencillium mould kills bacteria

1930s-40s Florey and Chain work on creating an antibiotic. In 1944 Pencillin is used at D-Day

1961: Thalidomide Scandal leads to greater regulation on the sale of medicinal drugs.



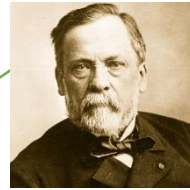
Edward Jenner 1749-1823

Key Discovery: Created the smallpox vaccine

Before: Smallpox killed thousands of people a year. There was some INNOCULATION but this was quite dangerous.

After: His vaccine became the first compulsory vaccine in 1853. Was used to wipe out smallpox from the world by 1980

During: His work was recognised but there was opposition due to religion, his lack of position and the fact he couldn't explain why it worked.



Louis Pasteur 1822-1895

Key Discovery: Made the link between Gers and Disease, created many vaccinations

Before: Belief in Miasma and Spontaneous Generation was rife.

After: His ideas accepted an still used today. Began changing surgery and led to cures for germs.

During: Took 20 years for his work to be recognised with Germ Theory. Most accepted it. Vaccines were widely used. Had a great rivalry with Robert Koch



Robert Koch 1822-1895

Key Discovery: Proved the link between HUMAN disease and germs. Discovered specific germs such as Tuberculosis, Cholera and Anthrax.

Before: Belief in Miasma and Spontaneous Generation was rife.

After: His ideas accepted an still used today. Led to cures for germs.

During: His ideas were well accepted and used throughout the period. Had a great rivalry with Pasteur.