

PHARMACEUTICALS



PARACETAMOL

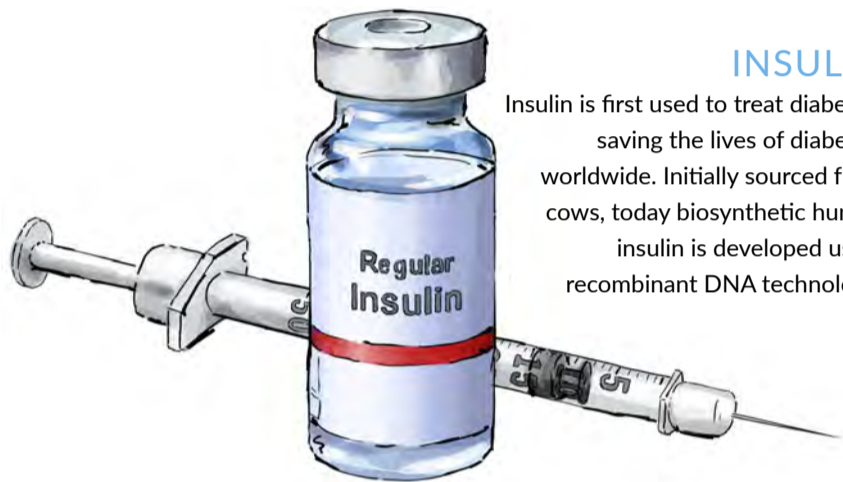
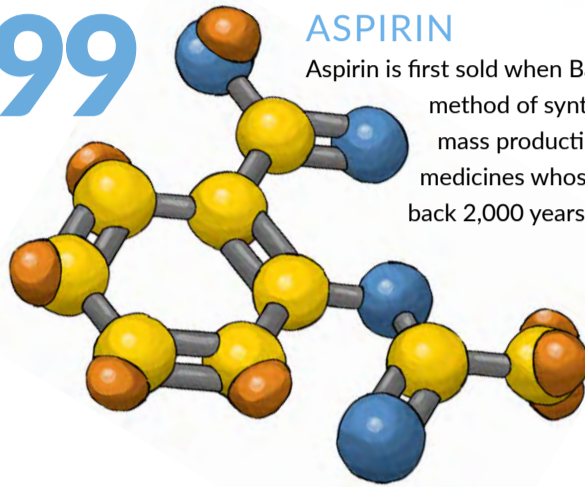
Paracetamol is first used clinically. It is now the most commonly employed medication for pain and fever in Europe and the USA.

1893

1899

ASPIRIN

Aspirin is first sold when Bayer's innovative method of synthesis enables mass production of similar medicines whose use stretches back 2,000 years.



INSULIN

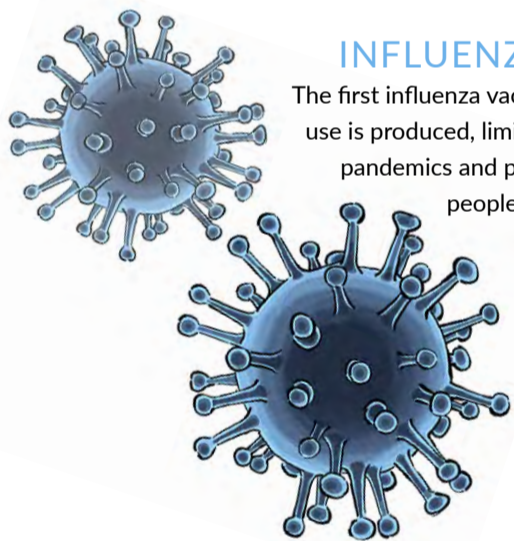
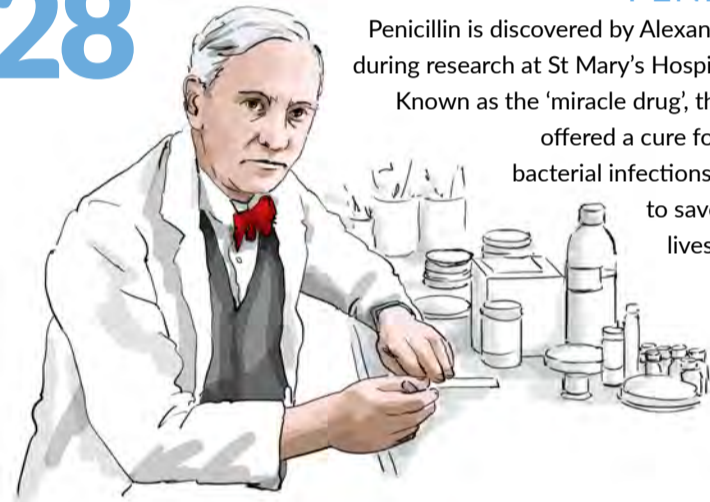
Insulin is first used to treat diabetes, saving the lives of diabetics worldwide. Initially sourced from cows, today biosynthetic human insulin is developed using recombinant DNA technology.

1922

1928

PENICILLIN

Penicillin is discovered by Alexander Fleming during research at St Mary's Hospital, London. Known as the 'miracle drug', the antibiotic offered a cure for once-fatal bacterial infections, continuing to save millions of lives to this day.



INFLUENZA VACCINE

The first influenza vaccine for widespread use is produced, limiting the outbreak of pandemics and protecting vulnerable people from flu every year.

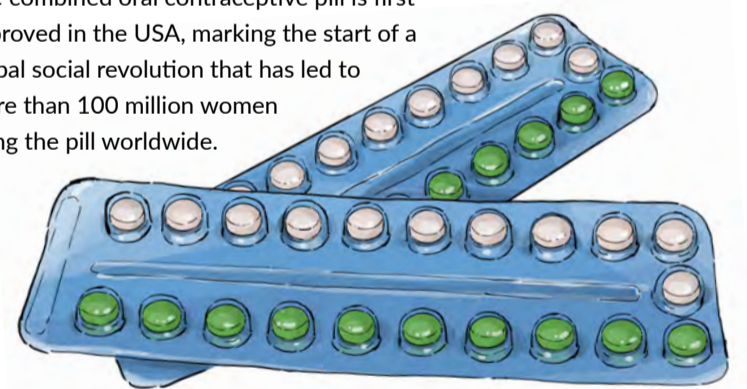
1945

CONTRACEPTIVE PILL

The combined oral contraceptive pill is first approved in the USA, marking the start of a global social revolution that has led to more than 100 million women using the pill worldwide.

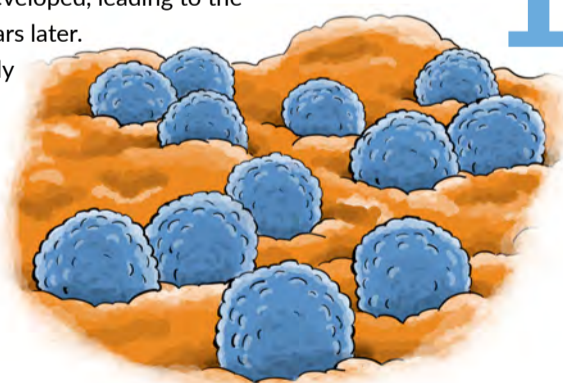
1960

1969



MMR VACCINE

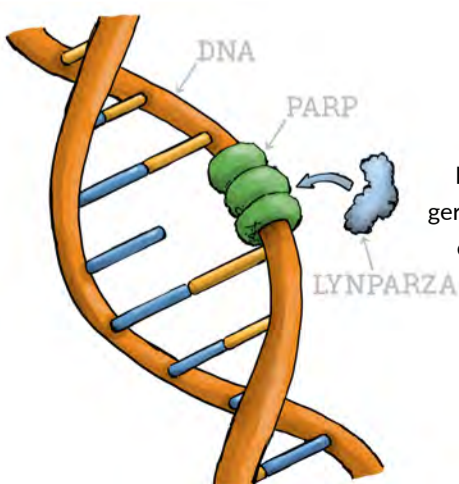
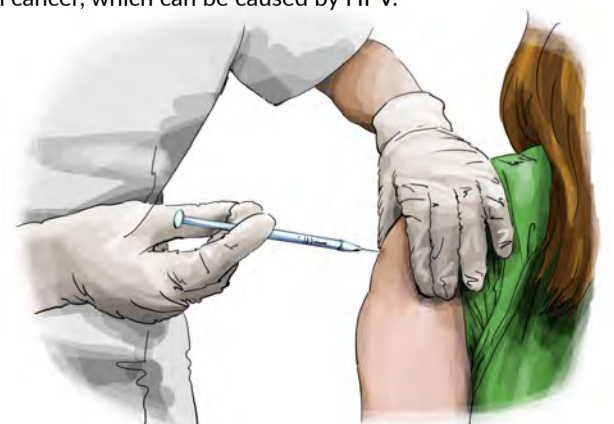
The first vaccine for rubella is developed, leading to the combined MMR vaccine two years later. Immunisation has now effectively eliminated rubella from many parts of the world.



2006

HUMAN PAPILLOMAVIRUS VACCINE

The first vaccine is developed for human papillomavirus (HPV), a development that may prevent an estimated 70% of cases of cervical cancer, which can be caused by HPV.



LYNPARZA

Lynparza is approved for the treatment of germline BRCA (gBRCAm) advanced ovarian cancer. It is the first licensed cancer drug directed against an inherited genetic mutation and has the potential to make a real difference to the lives of patients with ovarian cancer worldwide.

2014