

Scientist – Theory - Discovery

عالم – نظرية علميه – إكتشاف علمي

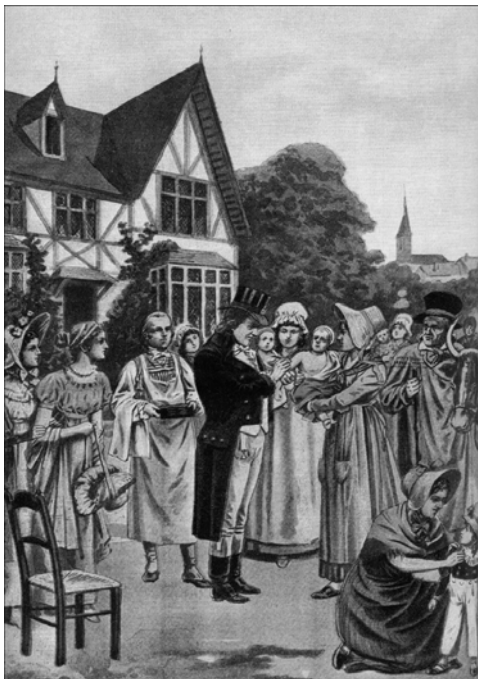
Vaccination

التطعيم

Preventive Medicine

الطب الوقائي

“Vaccination: In 1796. English physician Edward Jenner vaccinated eight-year old James Phipps against smallpox الجدري & ushered in a new age of preventive medicine الطب الوقائي “



Edward Jenner  
vaccinating against  
smallpox الجدري

## EDWARD JENNER

### *Inventor of the vaccination*

1749

Born on May 17 in Berkeley, Gloucestershire, England.

1763

Apprentices to local surgeon Daniel Ludlow at the age of 14.

1773

Completes medical training at St. George's Hospital, London.

1772

Returns to Berkeley as local medical practitioner and surgeon.

1783

Develops method for purifying tartar emetic, a chemical used to treat parasitic diseases.

1789

For a scientific paper explaining the nesting habits of the cuckoo bird, elected fellow of the Royal Society.

1796

Successfully vaccinates eight-year-old James Phipps, protecting him from smallpox, with inoculation prepared from cowpox disease.

1798

Publishes "An Inquiry into the Causes and Effects of the Variolae Vaccinae," in which he describes the use of cowpox inoculation to prevent smallpox.

1804

Awarded special medal by Napoleon, honoring his medical achievement.

1809

For his knowledge of geology, earth science, and fossilization, elected member of the Geologic Society.

1819

Discovers the fossilized remains of what we now call a plesiosaur.

1823

Dies on January 26 in Berkeley, England.

### VACCINE RESEARCH

Scientists at a London laboratory in February 1946 inject the influenza virus into a sedated ferret in hopes of discovering a cure for the deadly virus. The influenza pandemic of 1918-19 had been the cause of an estimated 25 million deaths worldwide.

