

Immunology: A Global Perspective

Immunology · Answer Key · 8 Questions

1. The development of the first successful rabies vaccine by Louis Pasteur in the late 19th century, a significant advancement in immunology, took place primarily in which country?

- A) Germany
- B) United Kingdom
- C) France**
- D) Russia

2. The discovery of the first effective vaccine against smallpox by Edward Jenner, a foundational event in immunology, originated from observations made in which region of England?

- A) London
- B) Cornwall**
- C) Oxford
- D) Manchester

3. The World Health Organization (WHO) declared the global eradication of smallpox in 1980. Which of these African countries was the last to report a case of smallpox before its final eradication?

- A) Ethiopia**
- B) Somalia
- C) Kenya
- D) Sudan

4. The 'Spanish Flu' pandemic of 1918-1919, a major event in understanding viral immunology and public health, is believed to have originated in or been amplified by troop movements during which global conflict, affecting numerous countries?

- A) The American Civil War
- B) World War I**
- C) The Napoleonic Wars
- D) The Franco-Prussian War

5. The discovery of the bacterium *Yersinia pestis*, the causative agent of plague, which has shaped immunological responses throughout history, was made by Alexandre Yersin in which city during a major outbreak?

A) Istanbul, Turkey

B) Hong Kong

C) Cairo, Egypt

D) Mumbai, India

6. The development of the polio vaccine by Jonas Salk, a landmark achievement in immunology and public health, was initially tested and deployed on a large scale in which country?

A) Canada

B) United States

C) Australia

D) United Kingdom

7. The island of Fiji was the site of a significant field trial for a new vaccine against which disease in the 1980s, contributing to the understanding of vaccine efficacy in diverse populations?

A) Dengue fever

B) Typhoid fever

C) Measles

D) Hepatitis B

8. Theiler's disease, a model for studying demyelinating diseases in immunology, is named after Max Theiler, a South African physician and virologist who won the Nobel Prize for his work on the vaccine against which disease, primarily transmitted by mosquitoes in tropical regions?

A) Malaria

B) Yellow Fever

C) Zika Virus

D) Chikungunya