



Vaccines Against Infectious Diseases



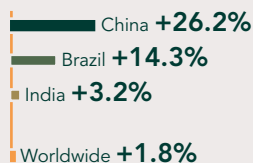
The USA dominates the patent landscape of active ingredients of vaccines against infectious diseases. China has been remarkably active in recent years.

11,818

Number of patent families* filed from 1921–2011

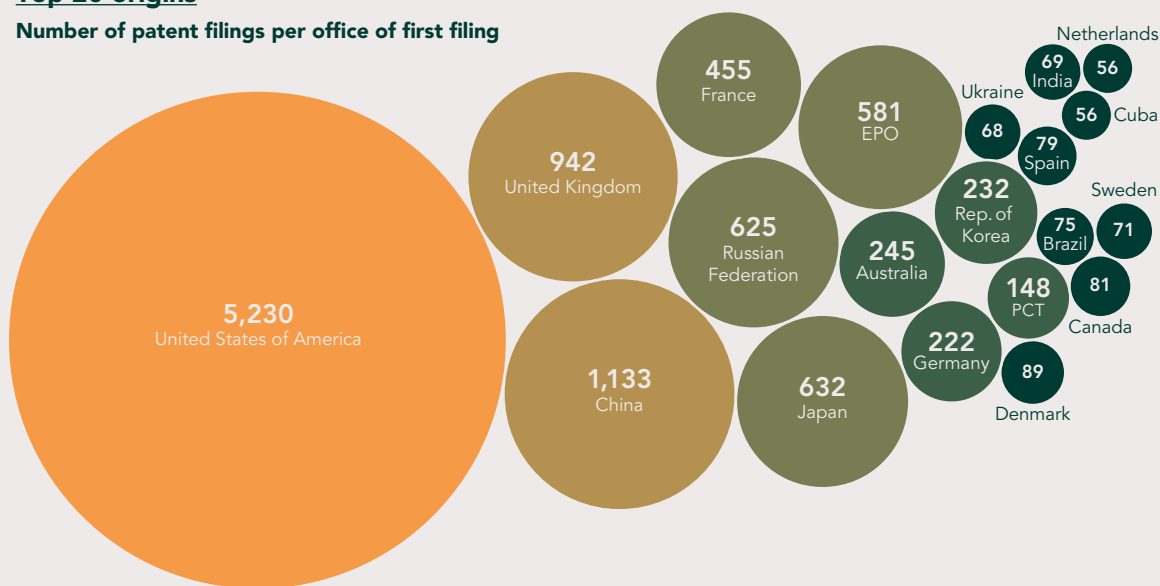
BRIC countries

Average annual growth rate in patent filings from 2000–2009



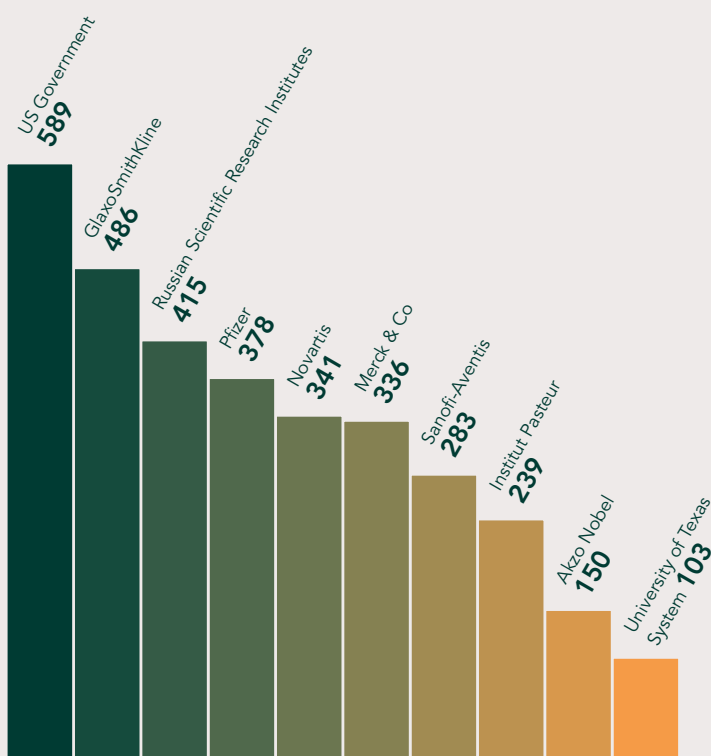
Top 20 origins

Number of patent filings per office of first filing



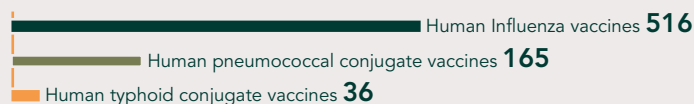
Top 10 applicants

Number of patent filings per office of first filing



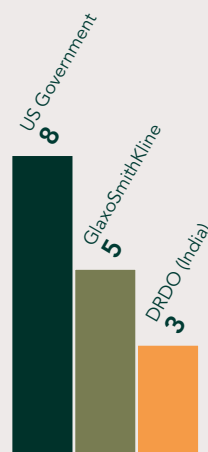
Three selected diseases

Number of patent families

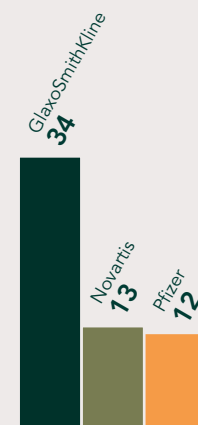


Top 3 applicants

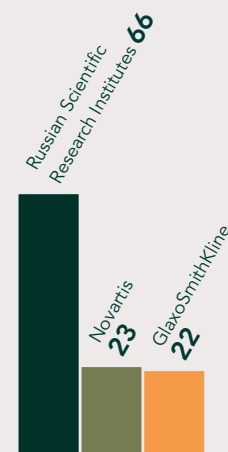
Human typhoid conjugate vaccines



Human pneumococcal conjugate vaccines



Human Influenza vaccines



*A patent family is a set of patent filings made in various countries to protect a single invention.