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Vaccines and Immunization**Mohammad Abdul***Department of Immunology, Rashid Latif Medical College, Pakistan*

Millions of lives are saved annually thanks to vaccination, which is a success story in global health and development. In order to create immunity, vaccines act in conjunction with your body's natural defences. Your immune system reacts when you receive a vaccination. More than 20 deadly diseases can now be prevented with vaccines, allowing individuals of all ages to live longer, healthier lives. Currently, vaccinations stop 3.5–5 million fatalities every year from illnesses like measles, diphtheria, tetanus, pertussis, and influenza. Immunization is an unquestionable human right and an essential part of primary healthcare. It's also among the finest investments in health that money can buy. Infectious illness outbreaks can be prevented and controlled with the use of vaccines. They support the security of the world's health and will be a crucial weapon in the fight against antibiotic resistance. However, despite significant advancement, vaccination rates have plateaued recently and have even started to decline since 2020. Health systems are under stress as a result of the COVID-19 pandemic and related interruptions during the previous two years. In 2021, 25 million children will not receive their vaccinations, which is a 6 million increase from 2019 and the biggest amount since 2009.

Biography

Mohammad Abdul is from Rashid Latif Medical College, Pakistan. He completed his bachelors degree in Medical university. Research interests are Immunology, Vaccines, Virus, Allergens and many more.

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