

Experts Doubt that Herd Immunity Can Be Achieved Through Measles Vaccination

In its latest report, the World Health Organisation says it is aiming at eliminating measles in the European regio. According to several experts and current epidemiology reports, this target is not realistic, for the following reasons:

This mathematical hypothesis of 'achieving herd immunity with a 95% vaccinated population' relies on observations made on a population that had build a strong immunity after exposure to the natural measles virus. However natural immunity and vaccine 'immunity' are not equal:

- Vaccines do not offer the same strong and long term protection. Their effect is waning over time. Many adults who were fully vaccinated have lost the immune response induced by the vaccine. Recent epidemics occurred in highly vaccinated populations. This was the case in Disneyland, Toronto, China or Portugal. If vaccines were efficient they would not be ill.
- Between 2 to 10% of the population does not respond to vaccination, probably for genetic reasons.
- Measles vaccines contain live viruses and vaccinated people can be contagious and infect their contacts during the weeks following vaccination. The recent huge outbreak in Ukraine occurred right after a massive 'catch up' campaign was started to immunize the undervaccinated population. In previous years, the disease had been almost absent, in spite of very low vaccine coverage. One can imagine the consequences of this question is not raised when vaccinating healthcare workers.
- Young infants can not be vaccinated as the vaccine is neutralized by maternal antibodies.
- Just like flu viruses, measles viruses can also 'shift'. New strains develop next to the vaccine strain, in perfect logic with a microbial ecosystem, and the vaccine then becomes useless, as it was in the March epidemic in Portugal.

Measles Vaccination has increased measles morbidity and mortality rate

- Vaccination has weakened maternal immunity. Prior to vaccination, mothers could pass on strong immunity to their newborns (in utero and through breastmilk) so that most babies would be naturally protected until 18 months. Today mothers who have only been vaccinated can no longer offer sufficient protection to their babies, so that those are now at higher risk. Official data confirm that mortality rate under 2 years is rising in all countries. Young adults are also at higher risk, as the vaccine response has often disappeared.