

WANING IMMUNITY–UPCOMING CHALLENGE (COVID-19)

As we all know, the human body and its complex mechanisms make us smarter over other organisms as most of the time the organisms cannot enter the human system or individuals defending mechanism is so strong that it does not allow foreign particles to invade the immune system. What if, the attack is rigorous, and the individual is not having time to build his herd immunity? Rather, because of poor nutritional value and lack of fitness level, we are more prone to infectious diseases. What if, the organism mutates itself, then the questions come are we going to rely on vaccines? As waning immunity is the topmost concern in the 20th era, a promising example is COVID-19. Most doctors, paramedical staff, and healthcare workers in India and abroad have noticed that people are getting reinfected again within three months. Scientists are eagerly interested in cases of reinfection, which are still rare but on the rise. Reinfections hint that immunity in opposition to COVID-19 may be weak and diminish relatively quickly, with implications not just for the risks facing recovered patients, but also for how long future vaccines might protect people. Though because of an advanced computational approach in the drug discovery process, we can able to produce a life-saving vaccine in 1 year. But it will never give you a guarantee that the one dose will eradicate COVID-19. With this there is no doubt in my mind rather to wait for a vaccine, there is a need to improve our immunity by a healthy lifestyle, as time will prove whether the upcoming new vaccinations are key to success or not.

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