Twitter Thread by Overshoot

Overshoot
@Overshoooot

From "Distinct evolution of infection-enhancing and neutralizing epitopes in the spike protein of SARS-CoV-2 variants":

"Several pieces of evidence strongly argue in favor of an ADE issue for SARS-CoV-2."

https://t.co/GGDPNqTjzm

> "Neutralizing antibodies (Delta Variant) have a decreased affinity for the spike protein, whereas facilitating antibodies display a strikingly increased affinity. Thus, ADE may be a concern for people receiving vaccines based on the original Wuhan."https://t.co/yFIwImVbQY pic.twitter.com/psYfA2OfMA
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> — Overshoot (@Overshoooot) August 12, 2021

From "Anti-SARS-CoV-2 receptor-binding domain antibody evolution after mRNA vaccination":

"Antibodies selected over time by natural infection have greater potency and breadth than antibodies elicited by vaccination."

From "The SARS-CoV-2 Delta variant is poised to acquire complete resistance to wild-type spike vaccines":

"Additional immunization of the spike protein derived from SARS-CoV-2 variants may boost enhancing antibodies more than the neutralizing antibodies."

From "Increases in COVID■19 are unrelated to levels of vaccination across 68 countries and 2947 counties in the United States":

"There appears to be no discernable relationship between percentage of population fully vaccinated and new COVID-19 cases."

From "In vitro virucidal activity of povidone iodine gargle and mouthwash against SARS-CoV-2: implications for dental practice":

"PVP-I (1%) gargle and mouthwash showed 99.99% kill rate of SARS-CoV-2 in vitro within 15 seconds of contact in clean and dirty conditions."

From "Transmission potential of vaccinated and unvaccinated persons infected with the SARS-CoV-2 Delta variant in a federal prison":

From "Vaccinated and unvaccinated individuals have similar viral loads in communities with a high prevalence of the SARS-CoV-2 delta variant":

From "No Significant Difference in Viral Load Between Vaccinated and Unvaccinated, Asymptomatic and Symptomatic Groups Infected with SARS-CoV-2 Delta Variant":

"Over 20% of positive, vaccinated individuals had low Ct-values (<20), a third of which were asymptomatic when tested."

From: "Low neutralizing antibody titers against the Mu variant of SARS-CoV-2 in BNT162b2 vaccinated individuals."

"The Mu variant remarkably escapes from neutralizing antibodies elicited by the BNT162b2 vaccine"

From "Ineffective neutralization of the SARS-CoV-2 Mu variant by convalescent and vaccine sera":

"We demonstrate that the Mu variant is highly resistant to sera from COVID-19 convalescents and BNT162b2 vaccinated individuals."

From "Characterization of the immune resistance of SARS-CoV-2 Mu variant and the immunity induced by Mu infection.":

"Pronounced resistance of Mu variant against neutralizing antibodies is attributed to these two mutations (YY144-145TSN and E484K)."

From "Infection-enhancing anti-SARS-CoV-2 antibodies recognize both the original Wuhan/D614G strain and Delta variants. A potential risk for mass vaccination?":

"ADE is a potential concern for vaccines. ADE of delta variants is a potential risk for current vaccines."

From "COVID-19: Stigmatising the unvaccinated is not justified":

"There is increasing evidence that vaccinated individuals continue to have a relevant role in transmission. Ct values were similarly low between people who were fully vaccinated and people who were unvaccinated."

From "Risk of rapid evolutionary escape from biomedical interventions targeting SARS-CoV-2 spike protein":

"If new strains of SARS-CoV-2 are antigenically distinct, this may lead to risk of ADE as ADE involves antibodies that bind to the pathogen but fail to neutralize it."

From "The epidemiological relevance of the COVID-19 vaccinated population is increasing":

"Decision makers assume that the vaccinated can be excluded as a source of transmission. It appears to be grossly negligent to ignore the vaccinated population
as a source of transmission."