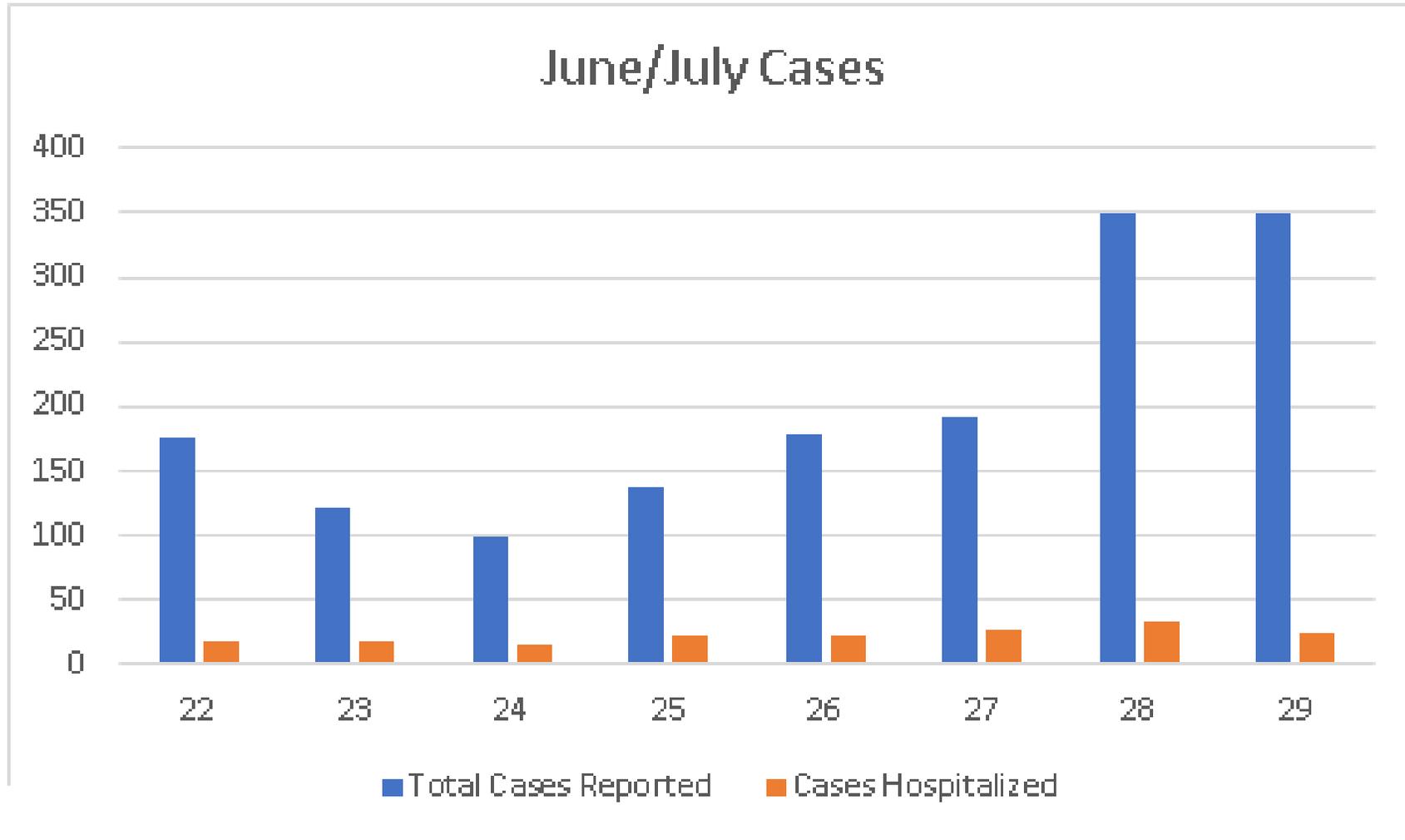


# COVID-19 Summary

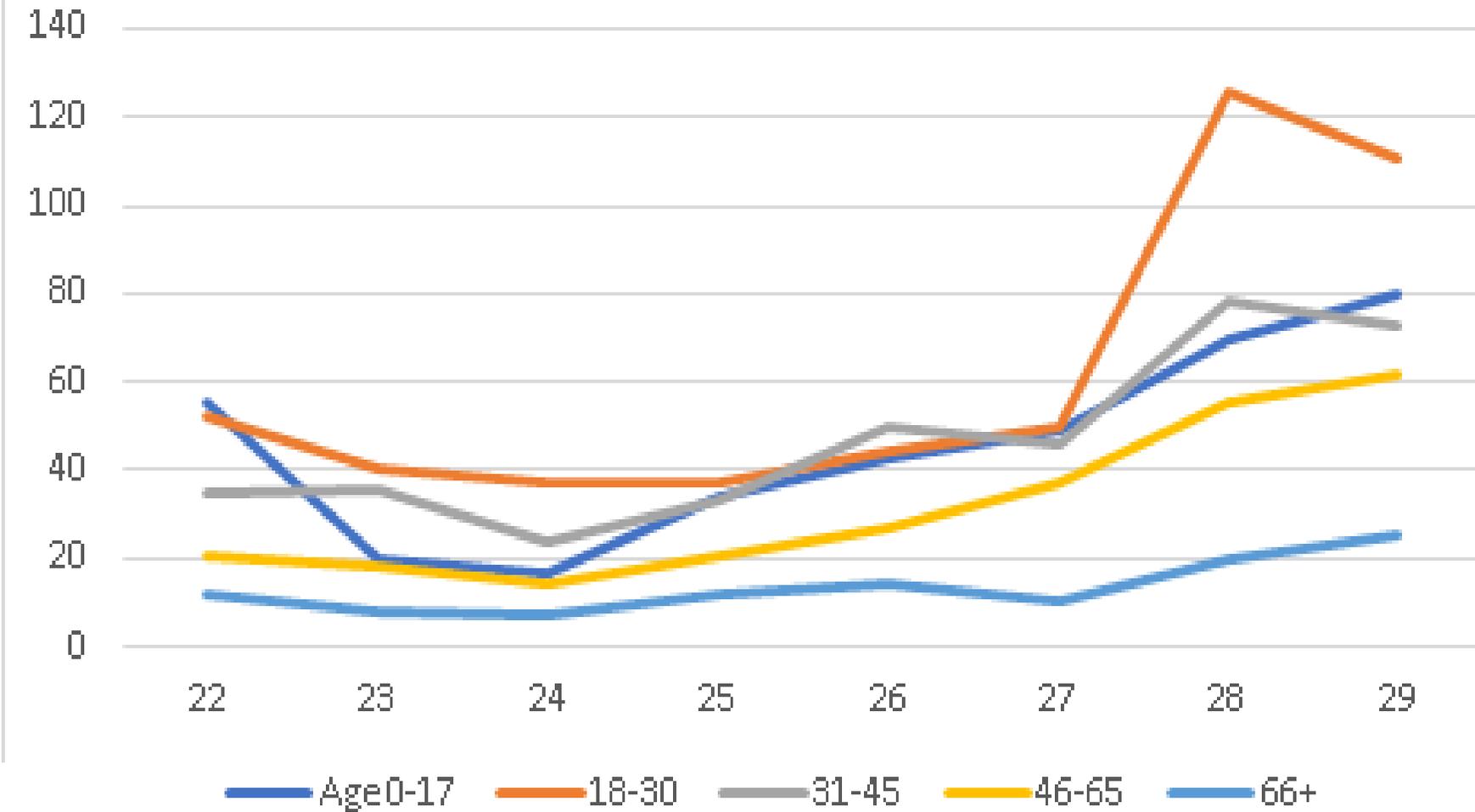


- ❖ We are experiencing an upward trend of new cases
- ❖ During June cases remain stable Avg 2.1 cases/100,000 (1.2-3.0) up until 2nd week of July when cases are increasing
- ❖ Total number of new cases in July doubled those from June
- ❖ Last 3 weeks 7-day avg of new cases per capita have grown 2.5 times
- ❖ 82-92% of new cases were unvaccinated

# New Cases June/July

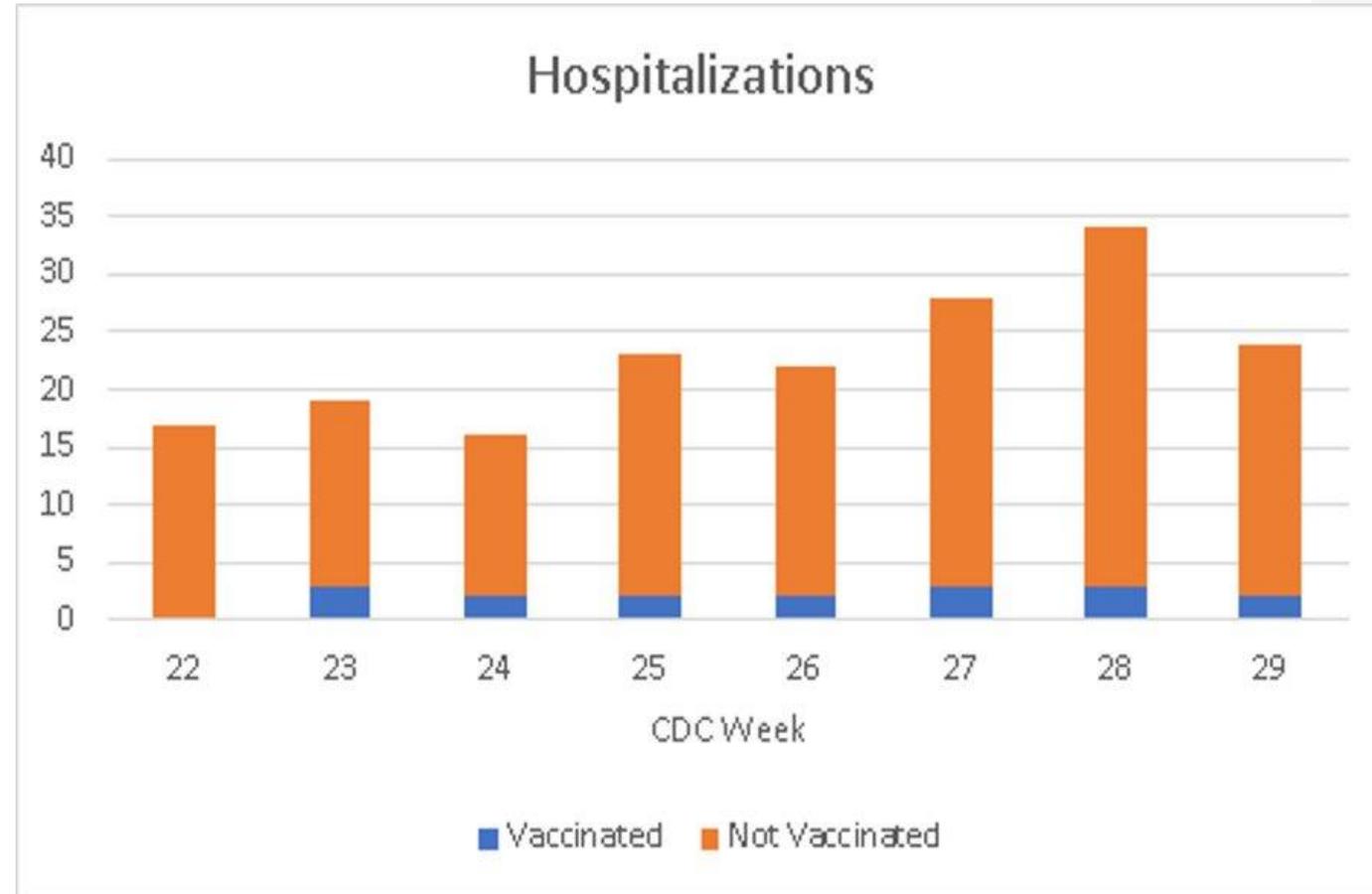


## Age Distribution Cases

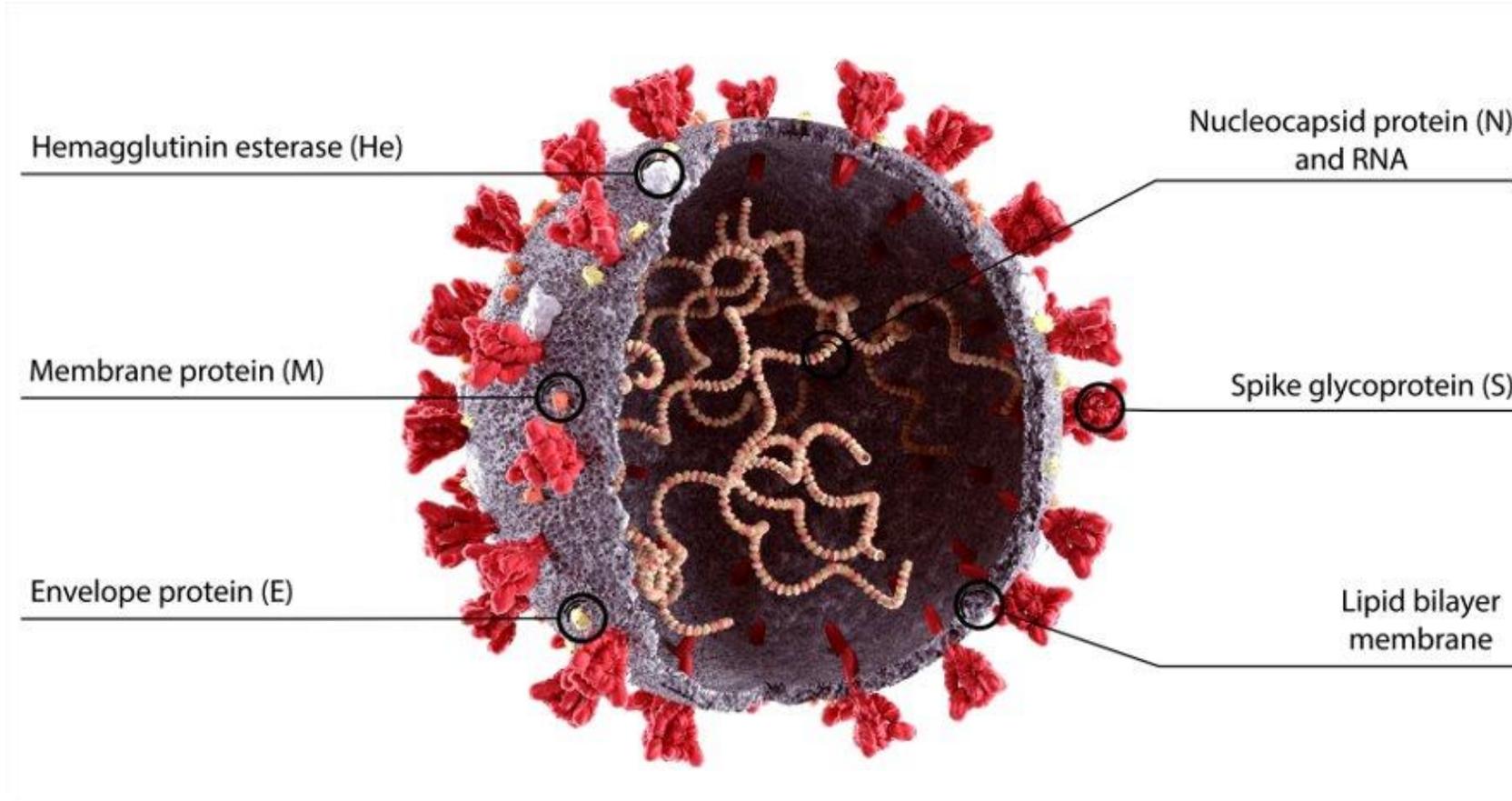


# COVID-19 Hospitalizations

- ❖ Number of people hospitalized in June decreased and July has seen an increase
- ❖ 90% of new admissions were unvaccinated
- ❖ We continue to build our protection and have vaccinated 7 out of 10 people in our community so far.



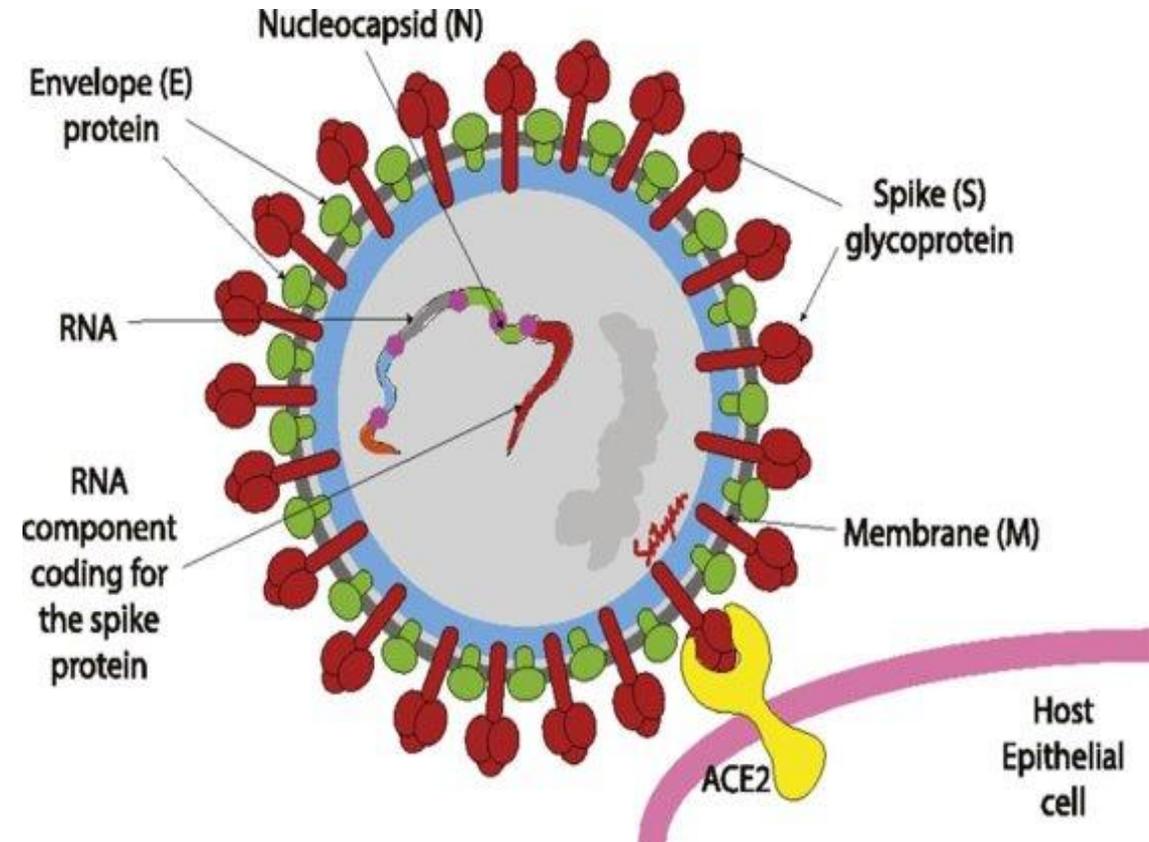
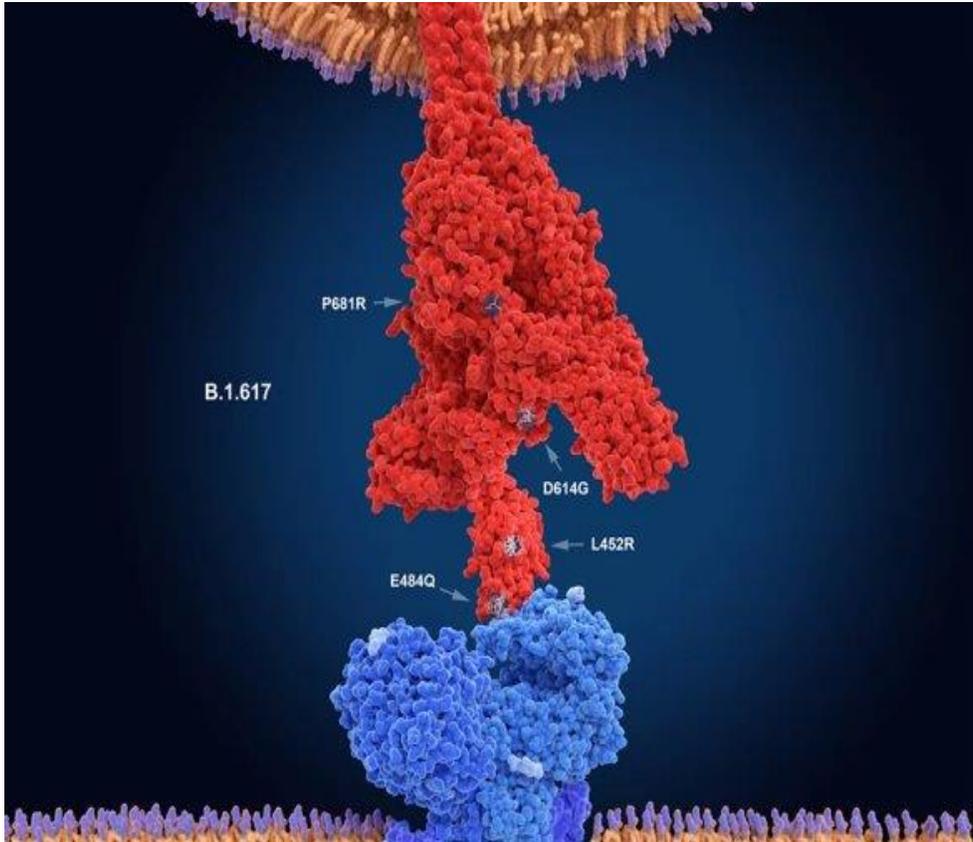
# COVID-19 (delta variant)



# General Aspects

- Delta variant (B.1.617.2) First identified in India December 2020
- Most common variant in India April 2021
- Delta variant identified by spike protein mutations
- This variant is more infectious and concerning than original virus due to:
  - Increased Transmission
  - Higher affinity to human body receptors
  - Replicates faster and expresses larger amounts of viral load
  - Symptomatic disease sooner
  - Potential to escape immune system

# COVID-19 (delta variant)



# COVID-19 (delta variant)

- ❖ Symptoms for delta variant are what we know about COVID-19 but may present with:
  - Sore throat, Headache, GI symptoms
- ❖ Treatment:
  - No different as any other COVID-19 patient
- ❖ Vaccine effectiveness Pfizer-BioNTech against delta variant:
  - 1-dose: 35.6% (22.7-46.4)
  - 2-dose: 88.0 % (85.3-90.1)