

Thread



Dr David Berger, aBsuRdiSTe cRONickLeR
@YouAreLobbyLud

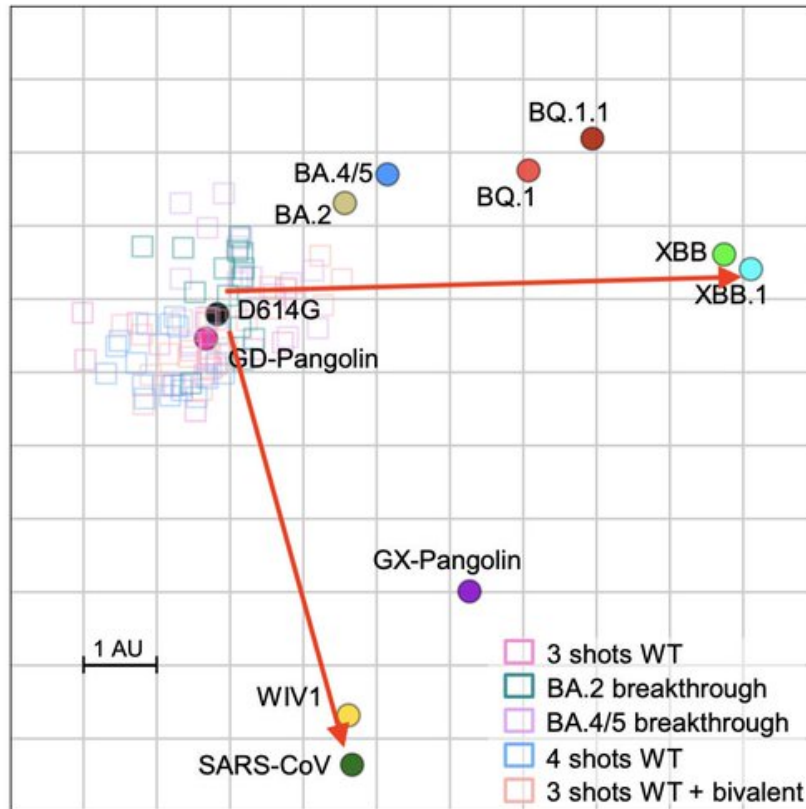


1/ HOW DIFFERENT IS XBB.1.5 AND HOW WORRYING IS IT?

Very. This graphic from the linked paper shows it is as different from the Wuhan variant (now known as WT = Wild Type) of SARS-COV-2 as WT is from SARS-COV (the virus which caused SARS1 in 2003).

[biorxiv.org/content/10.1101...](https://www.biorxiv.org/content/10.1101/2023.01.04.521111)

Figure S3



1:43 PM · Jan 4, 2023 · 805.6K Views

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Dr David Berger, aBsuRdiSTe cRONick... @YouAreLobbyL... · Jan 4 ...

Replying to @YouAreLobbyLud

2/ The briefest of explanations of the graphic, more in the paper:
It shows the degree of neutralisation of the different variants by the sera of people with a selection of vaccination options and also people who are post infection.

3 64 594 43.5K



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3/ D614G refers to a mutation on the spike protein of WT. As you can see, all the post-vaccination and post-infection sera exhibit their maximum neutralising activity against the D614G-containing WT.

1 56 489 42.4K



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4/ By contrast, their effect against both XBB and SARS-COV is equally minimal. In other words, both these entities are as antigenically distant from WT as they are from each other. That is remarkable and shows just how far SARS-COV-2 has evolved in the form of the XBB variants.

2 105 700 43K



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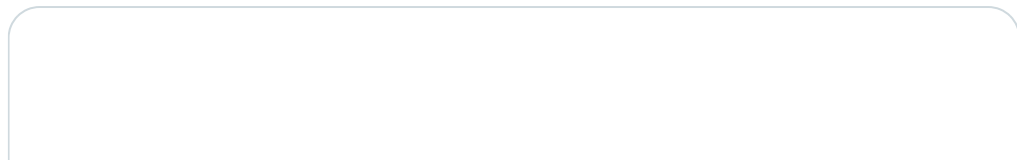
5/ They also say in the paper that:
"The extent of the antigenic drift or shift measured herein is comparable to the antigenic leap made by the initial Omicron variant from its predecessors one year ago." See next tweet for a visualisation of this.

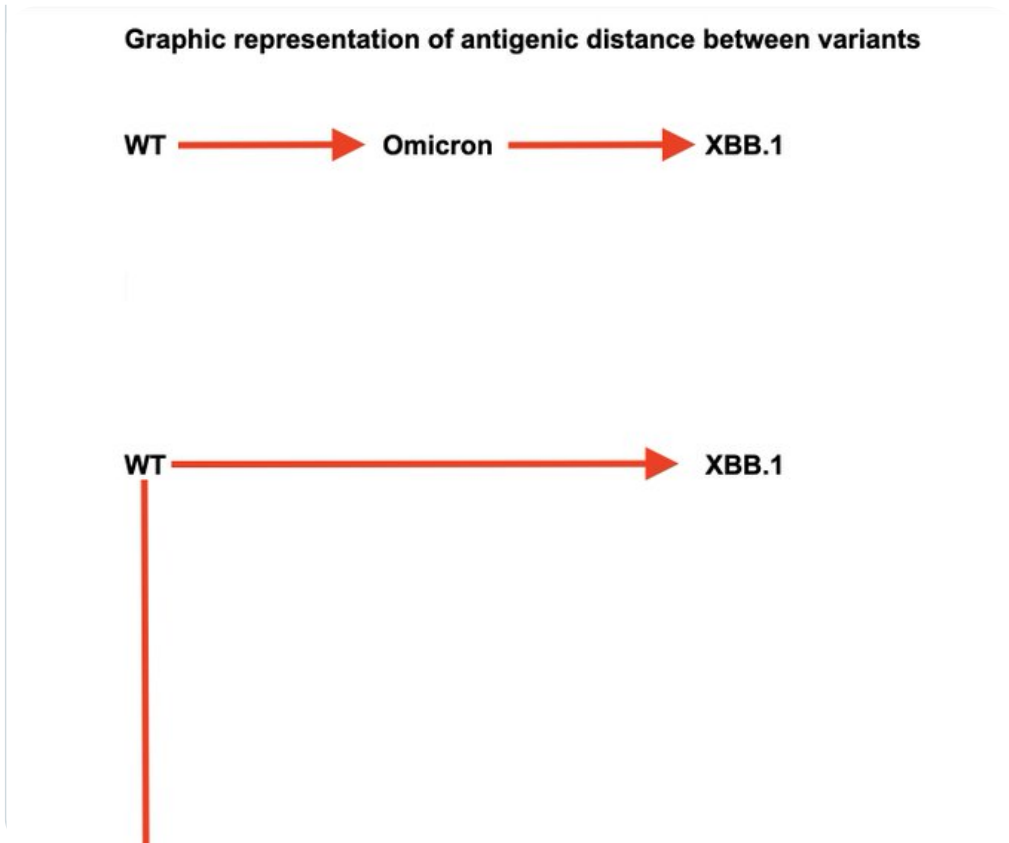
2 82 578 41.1K



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6/ This graphic is mine. I wanted to try and make it as easy as possible to visualise the distance these variants have evolved:
XBB as far from Omicron as Omicron is from WT
XBB as far from WT as WT is from SARS-COV.





8 182 764 59.9K



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7/ What do we conclude?

- a) The variants are evolving at a massive rate.
- b) The variants are evolving in partially immune populations to evade immunity and neutralisation by monoclonal antibodies.

8 252 1,083 49.1K



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8/

c) Separate to this paper, and as per [@VirusesImmunity](#), affinity for the ACE-2 receptor, expressed on the cell surface and the means by which the virus enters the cell, is massively increased, leading to increased likelihood of severe disease and possibly long covid.

7 177 765 46.8K



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9/

d) That there is no scientific justification for the arbitrary decision by

@WHO to stop assigning Greek letters with Omicron. This is a political decision, designed to support the fiction that the virus has somehow stopped evolving so much. In fact, the opposite is true.

15 448 1,665 56.1K



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e) The pandemics is not "over". Rather, the signs are that it is accelerating and that we risk finding ourselves back to square one in terms of vaccine (and post-infection) immunity and effective treatments.

15 458 1,546 57.2K



Dr David Berger, aBsuRdiSTe cRONick... @YouAreLobbyL... · Jan 4 11/ In short, this is an emergency and we must shift immediately to both SUPPRESS TRANSMISSION and update vaccines as quickly as possible.

We have known this for a long time. We know it even more now. We must act before it is too late.

51 478 1,877 59.3K



Dr David Berger, aBsuRdiSTe cRONickL... @YouAreLobbyL... · Jan 5

Prof. Akiko Iwasaki @VirusesImmunity · Jan 2

A very important and informative thread about why the Omicron XBB.1.5 subvariant is now dominating in the Northeast US and is expected to spread. Please protect yourselves and others by wearing N95 masks. I am truly concerned about the #longCOVID wave that follows this infection. twitter.com/yunlong_cao/st...

2 54 237 21.9K



Dr David Berger, aBsuRdiSTe cRONickL... @YouAreLobbyL... · Jan 5 This is why XBB.1.5 is so bad 🙄

twitter.com/yunlong_cao/st...

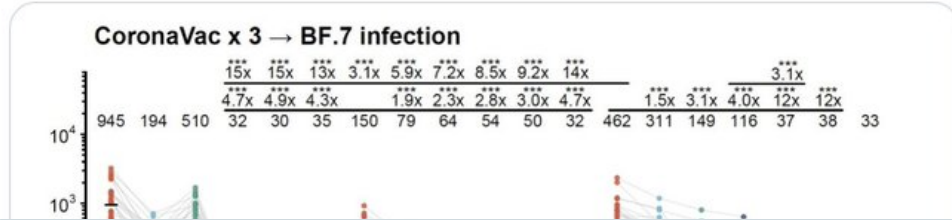


Yunlong Richard Cao
@yunlong_cao

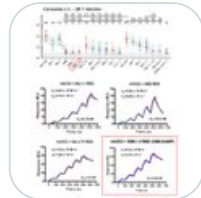


The superior growth advantage of XBB.1.5 has been well-documented by many colleagues @JPWeiland @LongDesertTrain @EricTopol. Here I'll add some experimental data:

- 1) XBB.1.5 is equally immune evasive as XBB.1, but
 - 2) XBB.1.5 has a much higher hACE2 binding affinity.
- 1/



Yunlong Richard Cao @yunlong_cao · Dec 28, 2022



The superior growth advantage of XBB.1.5 has been well-documented by many colleagues @JPWeiland @LongDesertTrain @EricTopol. Here I'll add some experimental data:

- 1) XBB.1.5 is equally immune evasive as XBB.1, but...
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11 121 326 28.4K



Stop SARS-CoV-2 Spreading @WonderfulDay01 · Jan 4



Replying to @YouAreLobbyLud

XBB.1.5 is SARS-CoV-3. We did this. This is the outcome of Let it Rip strategy. I had a haircut yesterday. 4 employees out of 8 had the virus over Christmas. Not one reported they had the virus. Why? Because 2 employees had it before, 1 employee 3X and another employee 4X.

10 68 293 8,919



Viktor G @xnert · Jan 7



Replying to @WonderfulDay01 and @YouAreLobbyLud

1/2 The jabbed may never achieve natural immunity. We likely seeing compromised immune systems from jabbed. When SARS 2 came along, those naturally immune to SARS 1, 17 years earlier, still immune to SARS 2 with a 30% variant not a 0.1 to 0.3% like these.

1 171

