Twitter Thread by Yardley Yeadon



Yardley Yeadon
@MichaelYeadon3



In a number of Sunday papers:
Scientific advisers said it was “hard to see” when the restrictions would end as new variants continued to emerge, delivering a potentially devastating blow to the travel industry. The prime minister said that after progress with vaccinations...

...”what we don’t want to see is all that work undone by the arrival of a new variant that is vaccine-busting”.
The idea is planted in people’s mind that this virus is mutating in such a way as to evade prior immunity. This is completely unfounded, certainly as regards immunity..

...gained naturally, after repelling the virus (which well around 99.9% of the population do, fewer, obviously in the very elderly & already ill, more in those younger & well). It’s important to appreciate that upon infection, the human immune system cuts up an infectious...

...agent into short pieces. Each of these short pieces of protein are presented to other cells in the immune system, like an identity parade. Our cells have a truly astonishing range of abilities to recognise different protein structures, and there will be some which recognise...

...each of the pieces of the invader. The cells which recognise a piece are instructed to multiply selectively so that, after a few days to a couple of weeks, our bodies contain large numbers of virus piece specific cells. These have a range of functions. Some make antibodies...

& others are programmed to kill cells infected by the virus, recognised by displaying on their surface signals that tell the body that they’ve been invaded. In almost all cases, accompanied or not by symptoms (ranging from mild to severe) this smart adaptive system overcomes...

...the infection. Crucially and against what SAGE & Govt are saying or implying, this event leaves you with many different kinds of long-lived ‘memory’ cells which, if you’re infected again, rapidly wipe out any attempt at reinfection. So you won’t again be made ill by the...

...same virus, and because the virus is simply not permitted to replicate, you are also no longer able to participate in transmission.
To mutations & variants. Many viruses are error-prone when they replicate in your cells. They make “typos” so the virus

which results is...

...slightly different from the parent virus. Sometimes that small changes makes no difference to the behaviour of the virus. Other times, the change renders the virus incapable of something important to its survival. It's possible a change makes it slightly better at surviving...

...and so over time, it becomes a higher proportion of viruses sequenced from clinical samples. The general 'direction of travel' is to become less injurious but easier to transmit, eventually joining the other 40 or so viruses which cause what we collectively term 'the common...

...cold". What generally doesn't happen is for mutants to become more lethal to the hosts (us). But the key point I wanted to get across is just how large SARS-COV-2 is. I recall it's of the order of 30,000 letters of genetic code which, when translated, make around 10,000...

...amino acids in several viral proteins. Now you can see that the kinds of numbers of changes in the letters of the genetic code are truly tiny in comparison with the whole. 30 letter changes might be roughly 0.1% of the virus's code. In other words, 99.9% of that code is not...

...different from the so-called Wuhan strain. Similarly, the changes in the protein translated from those letter code alterations are overwhelmed by the vast majority of the unchanged protein sequences. So your immune system, recognising as it does perhaps dozen of short pieces..

...will not be fooled by a couple of small changes to a tiny fraction of these. No: your immune system knows immediately that this is an invader it's seen before, and has no difficulty whatsoever in dealing with it swiftly & without symptoms. So it's a scientifically invalid...

...reason that's been given for really extreme responses, closing borders to almost halt international travel. To the 'vaccines', they are unusually narrow in the way they educate your immune system, because instead of exposing your body to the whole range of pieces of broken...

...or inactivated virus, a time-honoured method of preparing vaccines, all of these instead present only the spike protein. This still comprises 10 or so distinctly immunologically different pieces, so even if mutations did change a couple of these, the majority of the pieces...

...of the mutated virus will still be unchanged & recognised by the vaccine-immune system or the virus-infected immune system & a prompt, vigorous response will still protect you. The most limited vaccine is, as I understand the molecular biology, the Pfizer / BioNTech version.

This encodes only a part of the spike protein and, if mutations were to evolve away from any of the 'vaccines', it would therefore be reasonable to expect it to be this one. But even in the worst case, the other vaccines (& there may yet be more) could be used to protect the...

...most vulnerable people. So what is happening in the name of saving lives simply doesn't stand up to scientific scrutiny. Why these incorrect stories are being spun, I've no idea, that not being a scientific matter. But spin & completely inappropriate & severe restrictions...

...have been applied, which gradually has the effect of closing down movements. Such movements you'll appreciate are irrelevant to the natural course of the virus & all its natural progeny through the human population. Note that in their most up to date pandemic preparedness...

...planning documents, WHO specifically excludes closing of borders & lockdowns as ineffective & hugely damaging. So I've tweeted my way around the houses in an attempt to explain to you why what is happening is wholly inappropriate & specifically excluded by WHO guidance.

I never encourage anyone to break any rules. I've always respected the law. But what I'm afraid I do have to urge you to do is do a little research of your own to test whether what SAGE & Govt is telling you marries up with the pre-2020 scientific literature & official guidance..

...or whether it doesn't. If you find one occasion where what you're being told runs directly contrary to pre-2020 science & guidance, congratulations! You've discovered that you're being misled & lied to. As I've said, science doesn't give me any advantages in trying to work...

...out "why?". But once you've realised that what you're being told is not correct, I hope you'll have the courage to accept what that means, and not try to build an argument which defends that incorrect argument. In the end, it's totally up to you. I'm just an ordinary and...

...independent scientist who noticed, very early on, that lots of things we were told weren't correct & instead we're actively damaging. Sadly, it's not improved since in any way. Good luck!