

From: Fauci, Anthony (NIH/NIAID) [E]
Sent: Tue, 3 Mar 2020 11:12:55 +0000
To: (b) (6) (OS/IOS)
Subject: RE: Single-cell RNA expression profiling of ACE2, the putative receptor of Wuhan 2019-nCov | bioRxiv

Oh, I see what they are getting at. They examined at the single cell level the expression of RNA for ACH2, which is the receptor for the Coronavirus in the lung, and found that when they looked at various demographic groups there was greater expression of this receptor in Asian males. They are thus hinting that this is the reason why there was such an explosion of infections in China. This is possible, but the lowest level was in Northern Italians and take a look at what is happening in Northern Italy. I do not mean to put the paper down since there may be some truth in it. However, this journal (bioRxiv) is not peer reviewed and the data are skimpy. Someone should do a more scholarly study.

-----Original Message-----

From: (b) (6) (OS/IOS) <(b) (6)>
Sent: Tuesday, March 3, 2020 5:54 AM
To: Fauci, Anthony (NIH/NIAID) [E] <(b) (6)>
Subject: Re: Single-cell RNA expression profiling of ACE2, the putative receptor of Wuhan 2019-nCov | bioRxiv

They asked if this proved certain ethnic groups more likely to get the disease and I said I had never anything like that suggested to me by our leading scientists.

> On Mar 2, 2020, at 10:44 PM, Fauci, Anthony (NIH/NIAID) [E] <(b) (6)> wrote:
>

I do not know what question they asked you about this paper, but any question about this gene expression paper to a non-scientist would be unfair and inappropriate.

-----Original Message-----

From: (b) (6) (OS/IOS) <(b) (6)>
Sent: Monday, March 2, 2020 9:55 PM
To: Fauci, Anthony (NIH/NIAID) [E] <(b) (6)>; Redfield, Robert R. (CDC/OD) <(b) (6)>
Cc: Harrison, Brian (HHS/IOS) <(b) (6)>
Subject: Single-cell RNA expression profiling of ACE2, the putative receptor of Wuhan 2019-nCov | bioRxiv

Was asked about this on tv tonight.

<https://www.biorxiv.org/content/10.1101/2020.01.26.919985v1>