

**From:** [Liu, Shan-Lu](#)  
**To:** [Weiss, Susan](#)  
**Subject:** Re: [External] Re: name for new CoV  
**Date:** Sunday, February 16, 2020 1:32:08 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)

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Not yet, unfortunately!

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**From:** "Weiss, Susan" <weissr@penncare.upenn.edu>  
**Date:** Sunday, February 16, 2020 at 1:31 PM  
**To:** Shan-Lu Liu <liu.6244@osu.edu>  
**Subject:** Re: [External] Re: name for new CoV

Not in BioRx?

I am anxious to know also

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**From:** "Liu, Shan-Lu" <liu.6244@osu.edu>  
**Date:** Sunday, February 16, 2020 at 1:23 PM  
**To:** "Weiss, Susan" <weissr@penncare.upenn.edu>  
**Subject:** Re: [External] Re: name for new CoV

Not published yet. I heard that they submitted it Nature for review.  
I am very eager to know if the pangolin virus isolated from the market has the RRAR insertion; it is not present in the Viruses paper 2019!

Shan-Lu

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**From:** "Weiss, Susan" <weissr@penncare.upenn.edu>  
**Date:** Sunday, February 16, 2020 at 1:18 PM  
**To:** Shan-Lu Liu <liu.6244@osu.edu>  
**Subject:** Re: [External] Re: name for new CoV

Btw- have you heard any more about the pangolin connection- I see nothing in pub med expect a paper from before the outbreak claiming to find CoV sequences in dead pangolins in the south of China

susan

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**From:** "Liu, Shan-Lu" <liu.6244@osu.edu>  
**Date:** Sunday, February 16, 2020 at 1:16 PM  
**To:** "Weiss, Susan" <weissr@penncare.upenn.edu>  
**Subject:** Re: [External] Re: name for new CoV

Susan:

I agree with you. I don't see any evidence of lab origin, as no lab people have been infected, but with some rumors – just rumors!

COVID-19 is the disease name defined by WHO. I still feel SARS-CoV-2 is a good one adopted by Chinese American virologists.

Shan-Lu

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**From:** "Weiss, Susan" <weissr@pennmedicine.upenn.edu>

**Date:** Sunday, February 16, 2020 at 1:11 PM

**To:** Shan-Lu Liu <liu.6244@osu.edu>

**Subject:** Re: [External] Re: name for new CoV

I have a couple of comments

I don't think it is likely that bat virus leaked into humans in the lab- is there any evidence that someone from the Wuhan lab is infected? Also in general the bat viruses have been identified by sequence and are not actually isolated viruses.

RRAR is a good if not excellent furin site, similar to MERS- MHV A59 is RRAHR, MHV JHM is RRARR (a very good one) – lineage B Bat viruses generally do not have the furin site  
I doubt very much it was engineered in the lab. Doesn't make sense

I wonder if there is some compromise position re the name- the formal name I think has to be SARS-CoV-2 but maybe can be referred to COVID-19 informally- if you look at the internet WHO is calling it COVID-19

Susan

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**From:** "Liu, Shan-Lu" <liu.6244@osu.edu>

**Date:** Sunday, February 16, 2020 at 10:05 AM

**To:** "Weiss, Susan" <weissr@pennmedicine.upenn.edu>

**Subject:** Re: [External] Re: name for new CoV

Susan,

I have looked at carefully the RaTG13 sequence, and it is unlikely from it – also see attached file. But we cannot rule out the possibility of other bat viruses from the lab – The Wuhan lab has many bat samples not yet worked out or results published. There are some concerns that some of their samples may not have been handled properly