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## USAID/Metabiota/EHA megathread

@mentions

NAHL Laos was built by USAID PREDICT to work with Metabiota. Daszak says Sep 2018 they were still not allowed to collect samples for Shi at WIV.

Doesn't mean EcoHealth didn't get them before/after directly/indirectly. We know the Navy sampled bats there in 2017.

@mentions

EXCLUSIVE: Hunter Biden DID help secure millions in funding for US contractor in Ukraine specializing in deadly pathogen research



### Hunter Biden helped secure millions for biotech research Ukraine

Email emails and correspondence obtained by DailyMail.com from Hunter's abandoned laptop show he helped secure millions for Metabiota.

<https://trib.al/CBCHv2T>

PREDICT: Ecohealth; Metabiota; WIV; found every virus under the Sun in the bat caves in S.China in 2014, but "NONE" at any wet market where humans gather! What was their research really all about?? [pubmed.ncbi.nlm.nih.gov/24841387/](https://pubmed.ncbi.nlm.nih.gov/24841387/)



### Evidence for retrovirus and paramyxovirus infection of multiple bat species in china – PubMed

Bats are recognized reservoirs for many emerging zoonotic viruses of public health importance. Identifying and cataloguing the viruses of bats is a logical approach to evaluate the range of potential ...

<http://pubmed.ncbi.nlm.nih.gov/24841387/>

@mentions

From the above paper: Supported by the Chinese Academy of Sciences (CAS) and the USAID. And CAS was always controlled by the 🇨🇳 military. A crazy world; a crazy situation, and events have proved it so

@mentions

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## Bat Research Networks and Viral Surveillance: Gaps and Opportunities in Western Asia

Link for above paper

Bat Research Networks and Viral Surveillance: Gaps and Opportunities in Western Asia

[mdpi.com/1999-4915/11/3...](https://www.mdpi.com/1999-4915/11/3...)

Table S4 in zip file lists coronaviruses per country

[mdpi.com/1999-4915/11/3...](https://www.mdpi.com/1999-4915/11/3...)

France winner, China runner up, Germany 3rd place

[@BillyBostickson](#)



#### Bat Research Networks and Viral Surveillance: Gaps and Opportunities in Western Asia

Bat research networks and viral surveillance are assumed to be at odds due to seemingly conflicting research priorities. Yet human threats that contribute to declines in bat populations globally also ...

<https://www.mdpi.com/1999-4915/11/3/240/htm>

26. DTRA - Duke University Singapore

Discovery and Characterization of Novel Bat Coronavirus Lineages from Kazakhstan

[mdpi.com/1999-4915/11/4...](https://www.mdpi.com/1999-4915/11/4...)

Supplementary Materials

The following are available online at [mdpi.com/1999-4915/11/4...](https://www.mdpi.com/1999-4915/11/4...): Figure S1.



#### Discovery and Characterization of Novel Bat Coronavirus Lineages from Kazakhstan

Coronaviruses are positive-stranded RNA viruses that infect a variety of hosts, resulting in a range of symptoms from gastrointestinal illness to respiratory distress. Bats are reservoirs for a high d...

<https://www.mdpi.com/1999-4915/11/4/356/htm>

DARPA collection of viruses in Uganda

Sent to Stuart Nichols - Atlanta CDC BSL4

Discovery and Characterization of Bukakata orbivirus (Reoviridae:Orbivirus), a Novel Virus from a Ugandan Bat

[mdpi.com/1999-4915/11/3...](https://www.mdpi.com/1999-4915/11/3...)

Supplementary Materials

[mdpi.com/1999-4915/11/3...](https://www.mdpi.com/1999-4915/11/3...)

[@BillyBostickson](#)



#### Discovery and Characterization of Bukakata orbivirus (Reoviridae:Orbivirus), a Novel Virus from a Ugandan Bat

While serological and virological evidence documents the exposure of bats to medically-important arboviruses, their role as reservoirs or amplifying hosts is less well-characterized. We describe a nov...

<https://www.mdpi.com/1999-4915/11/3/209/htm>

David Mustre can be seen at the 2:34 mark in the video, note: "Metabiota"

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Research and BOHRN (with Dr. Jonathan Epstein (EHA).

[@BillyBostickson](#)

» [Unroll available on Thread Reader](#)

External Tweet loading...

If nothing shows, it may have been deleted

<https://twitter.com/billybostickson/status/1514657426121039874>

"David Mustra (PhD'01) in a still from a video about Ukraine's Defense Threat Reduction Agency" (Page 47 and 48)

[dhmcalumdev.hitchcock.org/file/AlumniNew...](#)

» [Unroll available on Thread Reader](#)

External Tweet loading...

If nothing shows, it may have been deleted

<https://twitter.com/billybostickson/status/1514666943898615808>

External Tweet loading...

If nothing shows, it may have been deleted

<https://twitter.com/billybostickson/status/1459580810814574598>

[bohrn.net/about](#)

[!\[\]\(28f72b996fc97883dfd9d4e8b1b16b4e\_img.jpg\) Tweet](#) [!\[\]\(834c7d0594ead3332d583e6d9bd73ce6\_img.jpg\) Share](#)



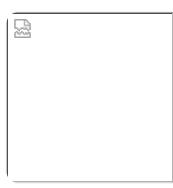
<https://www.bohrn.net/about>

<archive.ph/2021.02.10-035...>

<nature.com/articles/s4157...>



<https://archive.ph/2021.02.10-035341/https://threadreaderapp.com/thread/1359337391853510658?refresh=1612929112>



**SARS-CoV-2 cross-reactivity in healthy donors – Nature Reviews Immunology**

<https://www.nature.com/articles/s41577-020-0362-x>

@mentions

Metabiota is getting funding from all the wrong places

<usaspending.gov/search/?hash=6...>



<https://www.usaspending.gov/search/?hash=69edf349509a7d3164dd043b2d6b2738>

<archive.ph/hMp7x>

Also see PRECICT-2.



<https://archive.ph/hMp7x>

<archive.ph/2QVvv>

Metabiota-GVP connection



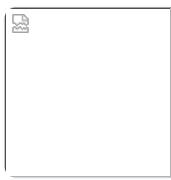
<https://archive.ph/2QVvv>

<archive.ph/CCcng>

In the CAS implementation of DEFUSE, S.E. Asia is clearly in the scope. <archive.ph/Ast3x>



<http://archive.ph/CCcng>

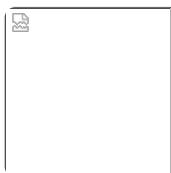


<http://archive.ph/Ast3x>

bat virus grants were placed under.

[archive.ph/fjtDZ](#)

More about GVP [@TheSeeker268](#)



<http://archive.ph/fjtDZ>

Metabiota/USAID planned visit in Laos in Oct 18  
p. 39/41 of part 3.

[@garyruskin](#)

[@gdemaneuf](#)

A lot of the South-East Asia USAID/EHA/Metabiota work is coordinated via Bangkok, where Sudarat has been a key trusted partner for many years.

The project umbrellas include PREDICT, the Global Virome Project, OneHealth, SEAOHUN and other initiatives.

[usrtk.org/biohazards-blo...](#)

[usrtk.org/wp-content/upl...](#)

Here's EcoHealth Alliance President Peter Daszak trying to block the public release of viral sequence data from China related to [#COVID19](#) that was paid for by U.S. taxpayers. [@garyruskin](#)



**EcoHealth Alliance wanted to block disclosure of Covid-19-relevant virus data from China – U.S. Right to Know**  
Emails show EcoHealth Alliance President Peter Daszak opposed the public release of Covid-19-related virus sequence data gathered from China.

<https://usrtk.org/biohazards-blog/ecohealth-alliance-wanted-to-block-disclosure-of-covid-19-relevant-virus-data-from-china/>

[#Metabiota](#) were aligned to Government contracts, which in 2014, far out-weighed Commercial contracts.

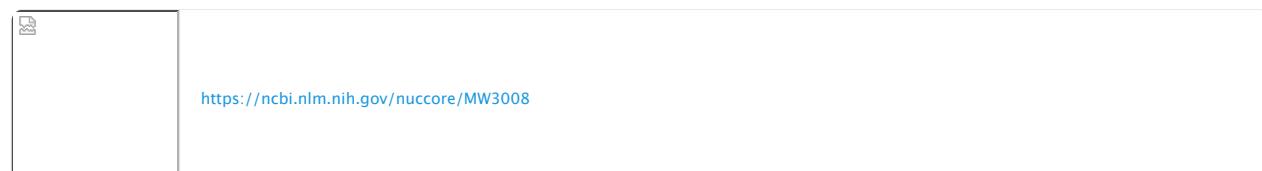
[@FoolsMultiply](#)

How much of the PREDICT program was done under [#Metabiota](#) ? [#InstitutPasteur](#) [#UCDavis](#) [#Ecohealth](#) [#Predict](#)

### [ncbi.nlm.nih.gov/nuccore/MW3008](https://ncbi.nlm.nih.gov/nuccore/MW3008)

An 2010 RacCS203-associated RdRp. Part of the PREDICT consortium samples. This is proof that IP/PREDICT are in possession of close SARS-CoV-2 relatives in their databanks at least since 2010. Also why this is published so late?

Related to the

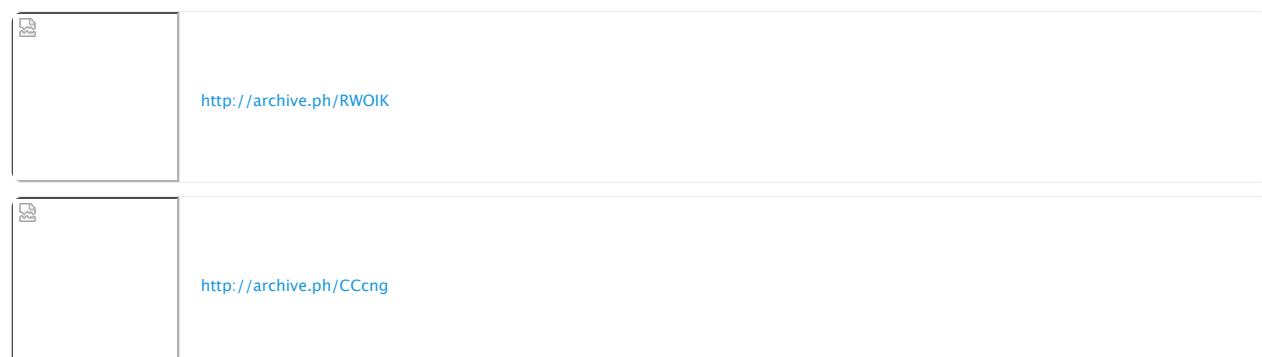


“Sequences NOT to be released to GenBank” mentioned by the EHA in the FOIA emails in 28/04/2020?

### [archive.ph/RWOIK](http://archive.ph/RWOIK)

### [archive.ph/CCcng](http://archive.ph/CCcng)

A substantial focusing of sampling efforts toward S.E. Asia was under way in the EHA/WIV collaboration, as the WIV1 cave have already been exhausted in term of SARSr-CoV QS diversity in 2016 (after the 2013-2016 sampling



All the diversity in the Shitou cave have been fully sampled, the ~9 Spike proteins and the ~5 representative (within 97% similarity) strains fully tested as by year 2017. A year before DEFUSE. The word “6 asian countries” appeared in the document for 2 times, where the data from

These Samples are included in the full scope of the DEFUSE workflow in order to ensure that their predictions are generalizable (ALL SARS-like coronavirus sequences available to them would have been tested—especially ones with “25% diversity” away from SARS-CoV) and that the

Immune intervention methodology used is generalizable to all possible SARSr-CoVs. This is further evident in the expected number of Spike proteins and full-length genomes to be tested each year according to their goal—15~20 Spike proteins are expected per year, Shitou have only

9. 3~5 full-length genomes are expected per year, Shitou have only 6 (HKU3 included). In addition, all Shitou strains have already been fully characterized and tested in 2016 in the two WIV authored papers detailing comprehensive sampling and testing of viruses from the location

, making efforts at recovering or retesting samples from this cave redundant (DEFUSE is intended to be a 5-year program). As all Shitou strains (they are only distinct in the RBD) are above 95% similar to each other, Using only Shitou will 1 strain

per year and will be massively insufficient for what the DEFUSE documents have called for. The GVP with their CAS-funded version of DEFUSE have a scope that clearly included S.E. Asia, according to the MTA agreements from the year 5 extension FOIA release.

In addition, the sequence acquisition step in DEFUSE stated that consensus between strains are to be used—in stead of a more highly accurate deep sequencing of (newly acquired) samples, with the workflow explicitly designed to remove sequencing errors by averaging assembled

sequences in stead of sequencing each sample multiple times at a higher depth (which is how high accuracy error-free sequencing is performed by standard). This indicate that the scope of DEFUSE included “QS strains” where only a consensus sequence was available and of which

re-sequencing is not possible, a scope that clearly included 1: non-newly-acquired samples. 2: samples that were already fully depleted (and where only sequencing data exists) at the time of the beginning of the program. 3: QS strains where deep sequencing is not conducted and

only an assembled sequence was available at the time of the beginning of the program.

This represents a great deal of flexibility toward sampling protocol, condition of sample and original experimental protocol, indicating that the scope of the QS recovery operation is intended

to span the entire EHA database—where the majority of the strains within contained only an assembly sequence but neither samples to deep resequence nor sequencing data that may be used to make a non-multi-strain consensus. Only when the sampling is being done by multiple

institutions with a wide variety of protocol and sample condition at sequence release, will you need such a multi-strain consensus protocol explicitly stating “we will review past deep sequencing data”, that is clearly designed for generalizability in stead of precision.

The protocol for sequence acquisition and recovery in DEFUSE is clearly intended for databases that contained a lot of different (un-controllable) experimental procedures in stead of those that contained only a single (specify-able from the project) experimental procedure.

This is consistent with the word “6 asian countries” appearing twice in the DEFUSE documents for the virus strains to be “tested and validated”.

Now check this, [#NIH](#)'s list of labs in low-resource countries. You not gonna believe this, check locations and then compare reported outbreaks past 2 decades 😲😲

[#BioLabs](#) [#USA](#) [#NIH](#) [#CDC](#) [#USAID](#) [#DoD](#) [#WHO](#) [#PasteurInstitute](#) [#WorldBank](#) [#UNESCO](#) [#AFD](#) [#JICA](#)  
[ncbi.nlm.nih.gov/books/NBK542569...](http://ncbi.nlm.nih.gov/books/NBK542569...)

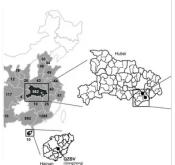


@mentions

[mdpi.com/1999-4915/13/1...](http://mdpi.com/1999-4915/13/1...)

IP collaboration with WIV.....(IP france. What was the “SARS-like coronaviruses(unpublished data)?” (Contained Yunnan





### Characterization of Novel Rhabdoviruses in Chinese Bats

Bats, the second largest order of mammals worldwide, harbor specific characteristics such as sustaining flight, a special immune system, unique habits, and ecological niches. In addition, they are the...

<https://www.mdpi.com/1999-4915/13/1/64/htm>

[archive.ph/pINGI](http://archive.ph/pINGI)

Also, the EHA is known to use funding from approved projects to fund their own projects (“unfunded projects”).....



<http://archive.ph/pINGI>

[pasteur.la/project-carrie...](http://pasteur.la/project-carrie...)

Also BANAL caves were first sampled in 2017. [ncbi.nlm.nih.gov/sra?linkname=b...trace.ncbi.nlm.nih.gov/Traces/sra/?ru...](https://www.ncbi.nlm.nih.gov/sra?linkname=b...trace.ncbi.nlm.nih.gov/Traces/sra/?ru...)

None of the reads from even the batflies, part from what that have been aligned to a single Orthoreovirus, have been released.



<https://www.pasteur.la/project-carried-on-in-the-lab-14/assessment-of-the-potential-vector-threat-of-bat-borne-pathogens-and-...>



<https://trace.ncbi.nlm.nih.gov/Traces/sra/?run=SRR8592028>



[https://www.ncbi.nlm.nih.gov/sra?linkname=bioproject\\_sra\\_all&from\\_uid=523097](https://www.ncbi.nlm.nih.gov/sra?linkname=bioproject_sra_all&from_uid=523097)



<https://archive.ph/mDzG2>

[archive.ph/2QVvv](http://archive.ph/2QVvv)

This connection between PREDICT, PREDICT-2, IP (Laos, Cambodia, France) and the EHA database (used for DEFUSE), as well as the fact that the EHA splits funding amongst programs internally, is why it takes so long for them to release any data at all, and



<http://archive.ph/2QVvv>

Why most of this data was still partial. (The censored batflies.....)

The initial expedition with Institut Pasteur du Laos was funded by US Naval MRC and DTRA in support of the US DoD's GEMS. Yes there is a story there and what happened to the samples from that [@breakfast door](#)

[Tweet](#)  [Share](#)



### Global Emerging Infections Surveillance

As a division of the Armed Forces Health Surveillance Center, GEIS strives to promote Global Health Security and Force Health Protection through support of civil-military efforts to prevent outbreaks,...

<https://www.health.mil/Military-Health-Topics/Combat-Support/Armed-Forces-Health-Surveillance-Division/Global-Emerging-Infecti...>

Batflies: sent to IP france (Paris). Why no sequences other than the single Orthoreovirus was released?

(Not just assemblies. Even the raw reads were filtered such that only reads that aligned to the Orthoreovirus genome is released).

What was the “partners” of IP laos?

The one in the project was LOWMRU, which is a program operated under the Tropical Medical Network (Madihol Oxford Tropical Medicine Research Unit(MORU)), a close partner of the EHA.

[archive.ph/JZkwi](http://archive.ph/JZkwi)

[ecohealthalliance.org/partners](http://ecohealthalliance.org/partners)

[tropmedres.ac/units/lomwru-1...](http://tropmedres.ac/units/lomwru-1...)



<https://www.tropmedres.ac/units/lomwru-lao-pdr>



<http://archive.ph/JZkwi>



**EcoHealth Alliance Global Partners Network**  
EcoHealth Alliance's partners network includes local scientists, universities, nongovernmental organizations, foreign ministries and government agencies.  
<http://ecohealthalliance.org/partners>



<http://tropmedres.ac>

Still seems odd Navy is overseer. Especially since a different DOD agency DTRA is EcoH's main funder at \$37.86 million. Navy heavy into bat research, funding a Laos bat trip "U.S. Naval Medical Research Center-Asia (NMRC-A)" for "DoD-GEIS". DoD sure does like bat viruses & EcoH.

This 2017 US Navy-funded study of Laos bats turned up lots of stuff the French group isn't allowed to publish, we hear. French go back in 2020 & now tell world "Hey guys, bat cave in Laos has really similar stuff to SARS2."

Laos bat viruses? DOD?

Secrets in a pandemic? Why?

The DOD also have the sample sequences—they funded the program. Material likely containing sequences of the closest relatives of SARS-CoV-2 is in possession of both the EHA and the DOD. [@capitalsheila](#)

And that's not all—the EcoHealth grant document also mentions plans for more sampling in SE Asia (including Laos) from Year 3 onwards, as part of their Specific Aims.

[@TheSeeker268](#)

@mentions

"We will compare CoV diversity in China with that in wildlife across Southeast Asia (from our current work on other funded programs, and published data)"

I'm guessing PREDICT? That's the only option.

@mentions

Peter Daszak asked for US-funded virus data to be withheld, FOIAed by

"It's extremely important that we don't have these sequences as part of our PREDICT release.. Having them as part of PREDICT will bring very unwelcome attention"[usrtk.org/wp-content/upl...](http://usrtk.org/wp-content/upl...)

What was in these PREDICT sequences that they couldn't submit to GenBank? See that RacCS203 related sample. Collected by IP Cambodge 2010 and placed under PREDICT. Still not full release. It is evident that at least some of this data were SARS-CoV-2 close relatives that were

Being used by the DEFUSE program.

[ohi.vetmed.ucdavis.edu/sites/g/files/...](http://ohi.vetmed.ucdavis.edu/sites/g/files/...)



**The Rockefeller Foundation announces \$2 million grant for new effort to improve public health and ecosystem i...**  
/PRNewswire-USNewswire/ -- Today, The Rockefeller Foundation announced a \$2 million grant to the New York-based Wildlife Conservation Society in support of the...

<https://www.prnewswire.com/news-releases/the-rockefeller-foundation-announces-2-million-grant-for-new-effort-to-improve-pub...>

[pdf.usaid.gov/pdf\\_docs/PBAAF...](http://pdf.usaid.gov/pdf_docs/PBAAF...)

Ecohealth also “trained” (established moles inside) “students from the National university of Laos” for their own sampling purposes. PREDICT 2014.

[static1.squarespace.com/static/5c7d60a...](http://static1.squarespace.com/static/5c7d60a...)

A collaboration was later established between the EHA and the National University of Laos, sacking 1025-956=69 more bats at the end of 2019 in the PREDICT-2 program.

[drasticresearch.files.wordpress.com/2021/09/wiv-bu...](http://drasticresearch.files.wordpress.com/2021/09/wiv-bu...)

Also notable is that Shi Zhengli was awarded nearly \$1.5 million in January 2018 – a little more than what Peter Daszak had asked DARPA for WIV's part of the work (~\$1.2 million).

- Sometime in 2018: A chart shows USAID provided \$270,969 to Global Virome Project (GVP) [@TheSeeker268](#)

Not only were The DTRA continuing to fund the WIV in 2018, the USAID approved their first (known) funding to the GVP in 2018 too. The GVP is evidently well-funded and active.

From: Frieman, Matthew

February 28, 2019

"Inglesby is pushing on the fact that its not reported what it was that was discussed/changed/agreed to during this new approval process that allowed the Yoshi and Fouchier experiments/grants to be approved again." [@T\\_Inglesby @uacjess](#)

2/28/2019

Ralph Baric

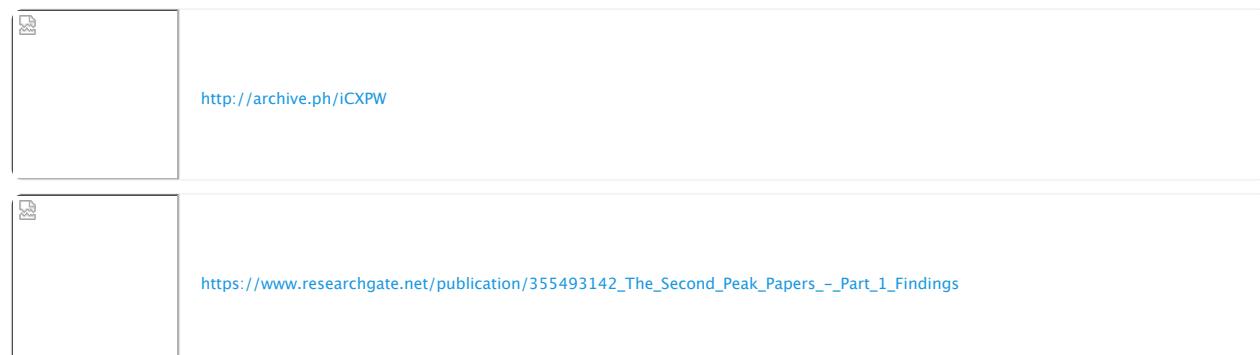
"Thanks for passing this on. It would be of value to hear about the additional safeguards, although I am overall uncertain as to what NIH is doing with SARS and MERS grants, beyond the "general" statement "no PC30 safety concerns".

[washingtonpost.com/opinions/the-u...](http://washingtonpost.com/opinions/the-u...)

Notice how the "no P3CO safety concerns" in the email coincided with the DEFUSE documents' explicit statement that the viruses they plan to resurrect would not constitute P3CO or GOF because they aren't the exact SARS1 or MERS strain.

[researchgate.net/publication/35...](http://researchgate.net/publication/35...)

A spike in readership of many articles related to CoVs and FCS happened in mid-late 2019.



Pei-Yong Shi, who works at the University of Texas Medical Branch's biolab, has been at the DOD/NIH/CDC-funded Texas lab for over 5 yrs.

In addition to visiting the WIV Oct. 19-20, 2019, he also was at China's newest BSL-4 lab, just as it was getting final certification to open.

@mentions

This makes this connection another plausible vector for bringing DOD material to the WIV. (The collaboration behind him. Not that particular visit).



There is plenty there that you may find interesting, especially related to Kunming ABSL-4, the 'old' new BSL-4 in China, compared to the WIV which was the 'only \*\*publicly\*\* known P4 lab' (all wordings from FOI'd emails).

[@gdemanuef](#)

Why "confidentiality"?

(Note: this is the Kunming ABSL-4. Very little is known about what was being done there, other than that all CAS BSL-3/BSL-4 labs are intimately connected to each other).

@mentions

Benjamin Rusek

Sent: 2/7/2019

"Hi Jim, Dave and Pei-yong,

Jim I hope you and (?) had a wonderful trip to Antarctica!"

[archive.ph/Hi7qN](#)

[archive.ph/CMflB](#)?

[@uacjess](#) David Franz

Sent: 1/17/2019

Subject: "Interesting story on Antarctic lake, if you are still in touch"

The article:

[livescience.com/64500-antarcti...](#)

The image consists of three vertically stacked rectangular boxes, each containing a small thumbnail icon on the left and a URL on the right. The top box contains the URL <https://archive.ph/Hi7qN>. The middle box contains the URL <https://archive.ph/CMflB>. The bottom box contains the text 'Photos: Drilling into Antarctic Subglacial Lake Mercer' above the URL <https://www.livescience.com/64500-antarctica-buried-lake-photos.html>.

@mentions

"As you know, NIH has significant investments in biomedical research and collaborative activities with the Chinese government, academic, and industry partners."[usrtk.org/wp-content/upl...](#)



More information removed from the WIV website.

[#coronavirus #covid19 #wuhan](#)

[english.whiov.cas.cn/Exchange2016/I...](#)

[web.archive.org/web/2020051417...](#)

[@uacjess](#)



[http://english.whiov.cas.cn/Exchange2016/International\\_Conferences2017/201712/U020171215364733175942.pdf](http://english.whiov.cas.cn/Exchange2016/International_Conferences2017/201712/U020171215364733175942.pdf)



[https://web.archive.org/web/20200514174728/http://english.whiov.cas.cn/Exchange2016/International\\_Conferences2017/201712/...](https://web.archive.org/web/20200514174728/http://english.whiov.cas.cn/Exchange2016/International_Conferences2017/201712/...)

7/31/2017 WIV post (deleted)

NSF Delegation paid a visit to WIV

[english.whiov.cas.cn/Exchange2016/F...](#)

[web.archive.org/web/2020022122...](#)

[#wuhan #NSF](#)



[http://english.whiov.cas.cn/Exchange2016/Foreign\\_Visits/201712/t20171212\\_187699.html](http://english.whiov.cas.cn/Exchange2016/Foreign_Visits/201712/t20171212_187699.html)



[https://web.archive.org/web/20200221224601/http://english.whiov.cas.cn/Exchange2016/Foreign\\_Visits/201712/t20171212\\_1876...](https://web.archive.org/web/20200221224601/http://english.whiov.cas.cn/Exchange2016/Foreign_Visits/201712/t20171212_1876...)

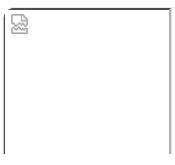
International Workshop on Biosafety Laboratory Management and Techniques (November 3-9, 2019)

"Lecturers" removed.

[english.whiov.cas.cn/lecturers/](#)

[web.archive.org/web/2020060115...](#)

[@uacjess](#)



<http://english.whiov.cas.cn/lecturers/>

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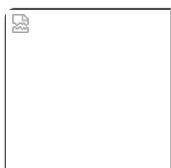
<https://web.archive.org/web/20200601153651/http://english.whiov.cas.cn/lecturers/>

International Workshop on Biosafety Laboratory Management and Techniques (November 3-9) PDF removed.

[english.whiov.cas.cn/generalinforma...](http://english.whiov.cas.cn/generalinformation/)

[web.archive.org/web/2020051622...](https://web.archive.org/web/20200516220800/http://english.whiov.cas.cn/generalinformation/)

[@uacjess](#)



<http://english.whiov.cas.cn/generalinformation/201907/W020190727581310889726.pdf>

WIV Newsletter (deleted).

[english.whiov.cas.cn/Newsletter2016...](http://english.whiov.cas.cn/Newsletter2016...)

[web.archive.org/web/2020022123...](https://web.archive.org/web/20200221230800/http://english.whiov.cas.cn/Newsletter2016...)

[@uacjess](#)



<http://english.whiov.cas.cn/Newsletter2016/201712/P020171214652090168154.pdf>

WIV Newsletter (deleted).

[english.whiov.cas.cn/Newsletter2016...](http://english.whiov.cas.cn/Newsletter2016...)

[web.archive.org/web/2020040410...](https://web.archive.org/web/20200404100800/http://english.whiov.cas.cn/Newsletter2016...)



<http://english.whiov.cas.cn/Newsletter2016/201802/P020180208616882038561.pdf>

WIV Newsletter (deleted).

[#wuhan #lab](#)

[english.whiov.cas.cn/Newsletter2016...](http://english.whiov.cas.cn/Newsletter2016...)

[web.archive.org/web/2020040410...](https://web.archive.org/web/20200404100800/http://english.whiov.cas.cn/Newsletter2016...)

[@uacjess](#)

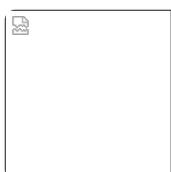


<http://english.whiov.cas.cn/Newsletter2016/201712/P020171214654948992897.pdf>

WIV Newsletter (deleted).

[english.whiov.cas.cn/Newsletter2016...](http://english.whiov.cas.cn/Newsletter2016...)

[web.archive.org/web/2020040410...](http://web.archive.org/web/2020040410...)



<http://english.whiov.cas.cn/Newsletter2016/201712/P020171214652472959140.pdf>

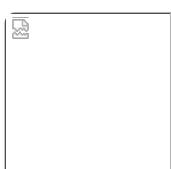
WIV 5/14/2018 post (deleted).

"Zhengdian Park animal room has been built for 8 years, continuously put into use for 5 years, the current HVAC system facilities and equipment needs a comprehensive maintenance."

[whiov.ac.cn/tzgg\\_105342/20...](http://whiov.ac.cn/tzgg_105342/20...)

[web.archive.org/web/2018061721...](http://web.archive.org/web/2018061721...)

[@uacjess](#)



[http://www.whiov.ac.cn/tzgg\\_105342/201805/t20180514\\_5010862.html](http://www.whiov.ac.cn/tzgg_105342/201805/t20180514_5010862.html)



[https://web.archive.org/web/20180617212457/http://www.whiov.ac.cn/tzgg\\_105342/201805/t20180514\\_5010862.html](https://web.archive.org/web/20180617212457/http://www.whiov.ac.cn/tzgg_105342/201805/t20180514_5010862.html)

3/22/2017

Wuhan Institute of Virology HVAC System (HVAC) Maintenance Service Tender Announcement

[whiov.ac.cn/tzgg\\_105342/20...](http://whiov.ac.cn/tzgg_105342/20...)

[web.archive.org/web/2018061721...](http://web.archive.org/web/2018061721...)

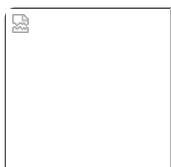
[@uacjess](#)

And why this is important

[archive.ph/8HY5M](http://archive.ph/8HY5M)



[http://www.whiov.ac.cn/tzgg\\_105342/201703/t20170322\\_4762810.html](http://www.whiov.ac.cn/tzgg_105342/201703/t20170322_4762810.html)



[https://web.archive.org/web/20180617212258/http://www.whiov.ac.cn/tzgg\\_105342/201703/t20170322\\_4762810.html](https://web.archive.org/web/20180617212258/http://www.whiov.ac.cn/tzgg_105342/201703/t20170322_4762810.html)



<https://archive.ph/8HY5M>

11/8/2017

Announcement of the Negotiation Results of the Getinge Autoclave Maintenance Service Project

[whiov.ac.cn/tzgg\\_105342/20...](http://www.whiov.ac.cn/tzgg_105342/20...)

[web.archive.org/web/2017111211...](https://web.archive.org/web/2017111211...)

[@uacjess](#)



[http://www.whiov.ac.cn/tzgg\\_105342/201711/t20171108\\_4889574.html](http://www.whiov.ac.cn/tzgg_105342/201711/t20171108_4889574.html)



[https://web.archive.org/web/20171112111558/http://www.whiov.ac.cn/tzgg\\_105342/201711/t20171108\\_4889574.html](https://web.archive.org/web/20171112111558/http://www.whiov.ac.cn/tzgg_105342/201711/t20171108_4889574.html)

WIV 4/25/2019 post (deleted)

"On the morning of April 23, Wuhan Institute of Virology and Wuhan Jinyintan Hospital signed a cooperative research agreement."

[whiov.cas.cn/xwdt\\_105286/zh...](http://www.whiov.cas.cn/xwdt_105286/zh...)

[web.archive.org/web/2020061305...](https://web.archive.org/web/2020061305...)

[whiov.ac.cn/xwdt\\_160278/tp...](http://www.whiov.ac.cn/xwdt_160278/tp...)

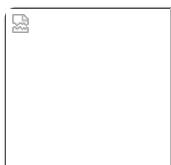
Reason behind the gag order on non-market cases?



[http://www.whiov.cas.cn/xwdt\\_105286/zhxw/201904/t20190425\\_5281492.html](http://www.whiov.cas.cn/xwdt_105286/zhxw/201904/t20190425_5281492.html)



[https://web.archive.org/web/20200613054821/http://www.whiov.cas.cn/xwdt\\_105286/zxw/201904/t20190425\\_5281492.html](https://web.archive.org/web/20200613054821/http://www.whiov.cas.cn/xwdt_105286/zxw/201904/t20190425_5281492.html)



[http://www.whiov.ac.cn/xwdt\\_160278/tpxw\\_160279/index\\_6.html](http://www.whiov.ac.cn/xwdt_160278/tpxw_160279/index_6.html)

More information removed from the WIV website.

[#coronavirus #covid19 #wuhan #lab](#)

[english.whiov.cas.cn/News/Int\\_Coope...](english.whiov.cas.cn/News/Int_Coope...)

<web.archive.org/web/2020040411...>

[english.whiov.cas.cn/News/Int\\_Coope...](english.whiov.cas.cn/News/Int_Coope...)

<web.archive.org/web/2020051601...>

[@uacjess](#)



[https://web.archive.org/web/20200404114257/http://english.whiov.cas.cn/News/Int\\_Cooperation\\_News/201705/t20170505\\_17679...](https://web.archive.org/web/20200404114257/http://english.whiov.cas.cn/News/Int_Cooperation_News/201705/t20170505_17679...)



[http://english.whiov.cas.cn/News/Int\\_Cooperation\\_News/201705/t20170505\\_176799.html](http://english.whiov.cas.cn/News/Int_Cooperation_News/201705/t20170505_176799.html)



[http://english.whiov.cas.cn/News/Int\\_Cooperation\\_News/201707/W020170718313905257748.pdf](http://english.whiov.cas.cn/News/Int_Cooperation_News/201707/W020170718313905257748.pdf)

Old WIV "Guest Experts" info.

Peiyong Shi  
University of Texas Medical Branch

Yuntao Wu  
George Mason University

Linfa Wang  
Duke-NUS Medical School

[#coronavirus #covid19 #wuhan #UniversityofTexasMedicalBranch](#)

[Tweet](#)  [Share](#)

[sourcedb.cas.cn/sourcedb\\_whiov...](http://sourcedb.cas.cn/sourcedb_whiov...)

[web.archive.org/web/2018012213...](http://web.archive.org/web/2018012213...)



[http://sourcedb.cas.cn/sourcedb\\_whiov\\_cas/yw/rck/index\\_65433.html](http://sourcedb.cas.cn/sourcedb_whiov_cas/yw/rck/index_65433.html)



[https://web.archive.org/web/20180122130342/http://sourcedb.cas.cn/sourcedb\\_whiov\\_cas/yw/rck/index\\_65433.html](https://web.archive.org/web/20180122130342/http://sourcedb.cas.cn/sourcedb_whiov_cas/yw/rck/index_65433.html)

@mentions

🧐🧐🧐 Wuhan Institute of Virology was recruiting someone to study coronavirus from bats in November 2019 ("interaction between virus and bat immunity". SARSr-CoVs included)

[whiov.cas.cn/105341/201911/...](http://whiov.cas.cn/105341/201911/...)

[web.archive.org/web/2020060412...](http://web.archive.org/web/2020060412...)



[http://www.whiov.cas.cn/105341/201911/t20191118\\_5438006.html](http://www.whiov.cas.cn/105341/201911/t20191118_5438006.html)



[https://web.archive.org/web/20200604121939/http://www.whiov.cas.cn/105341/201911/t20191118\\_5438006.html](https://web.archive.org/web/20200604121939/http://www.whiov.cas.cn/105341/201911/t20191118_5438006.html)

WIV Our Team "Guest Experts" and "Visiting Professors" removed.

#wuhan #lab #coronavirus

[sourcedb.whiov.cas.cn/yw/rck/index\\_6...](http://sourcedb.whiov.cas.cn/yw/rck/index_6...)

Guest Experts

[sourcedb.whiov.cas.cn/yw/rck/index\\_6...](http://sourcedb.whiov.cas.cn/yw/rck/index_6...)

[web.archive.org/web/2018012213...](http://web.archive.org/web/2018012213...)

Visiting Professors

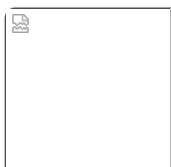
[sourcedb.whiov.cas.cn/yw/rck/index\\_6...](http://sourcedb.whiov.cas.cn/yw/rck/index_6...)

[web.archive.org/web/2020031917...](http://web.archive.org/web/2020031917...)

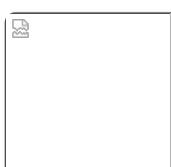
@uacjess



[http://sourcedb.whiov.cas.cn/yw/rck/index\\_65433.html](http://sourcedb.whiov.cas.cn/yw/rck/index_65433.html)



[http://sourcedb.whiov.cas.cn/yw/rck/index\\_65432.html](http://sourcedb.whiov.cas.cn/yw/rck/index_65432.html)



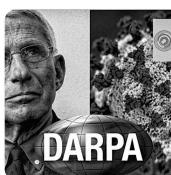
[http://sourcedb.whiov.cas.cn/yw/rck/index\\_65434.html](http://sourcedb.whiov.cas.cn/yw/rck/index_65434.html)



[https://web.archive.org/web/20200319175003/http://sourcedb.whiov.cas.cn/yw/rck/index\\_65434.html](https://web.archive.org/web/20200319175003/http://sourcedb.whiov.cas.cn/yw/rck/index_65434.html)



[https://web.archive.org/web/20180122130342/http://sourcedb.cas.cn/sourcedb\\_whiov\\_cas/yw/rck/index\\_65433.html](https://web.archive.org/web/20180122130342/http://sourcedb.cas.cn/sourcedb_whiov_cas/yw/rck/index_65433.html)



### DARPA Less Than Candid About Funding for EcoHealth Alliance, According to Emails

Why can't the Biden Administration tell the truth about the nonprofit that has funded the Wuhan Institute of Virology?

[https://disinformationchronicle.substack.com/p/darpa-less-than-candid-about-funding?r=kz6y&s=r&utm\\_campaign=post&utm\\_medium=email&utm\\_source=disinformationchronicle.substack.com](https://disinformationchronicle.substack.com/p/darpa-less-than-candid-about-funding?r=kz6y&s=r&utm_campaign=post&utm_medium=email&utm_source=disinformationchronicle.substack.com)

Nevertheless, what is very interesting indeed is the 24% increase in Daszak's compensation for EHA Global Budget Year 5 (from Year 4), for the same LoE (billed time). [@gdemanueuf](#)

The EHA does seem to get funding for DEFUSE. It is just not officially acknowledged under PREEMPT.

Partly to keep DTRA assets in the region funded, partly not to be left behind by China in the DURC deep sampling game, USAID quickly agreed to set up DEEP VZN.

DEEP VZN is a GVP-light without China and with no GoF or in vivo transmission studies ON SITE.

[indiabioscience.org/media/articles...](http://indiabioscience.org/media/articles...)

When in-vivo studies (GOF by default due to the animal models used), they will "ship the samples to regional or global BSL-4 laboratories" to "work on the additional studies". [zenodo.org/record/4486195...](https://zenodo.org/record/4486195...)

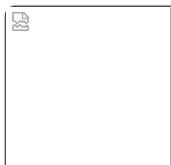
[arxiv.org/abs/2104.01533](https://arxiv.org/abs/2104.01533)

Oops.

**Vector sequences in early WIV SRA sequencing data of SARS-CoV-2 inform on a potential large-scale security br...**

DESCRIPTION Sequences identified as Influenza A virus, Spodoptera frugiperda rhabdovirus and Nipah henipavirus have been previously identified within the early HiSeq 1000 and HiSeq 3000 sequencing dat...

<https://zenodo.org/record/4486195#.YrMhhZ6sIT>

**Unexpected novel Merbecovirus discoveries in agricultural sequencing datasets from Wuhan, China**

In this study we document the unexpected discovery of multiple coronaviruses and a BSL-3 pathogen in agricultural cotton and rice sequencing datasets. In particular, we have identified a novel HKU5-re...

<https://arxiv.org/abs/2104.01533>



<http://archive.ph/8HY5M>

[tandfonline.com/doi/full/10.1080/19420889.2022.2057010](http://tandfonline.com/doi/full/10.1080/19420889.2022.2057010)

[ncbi.nlm.nih.gov/bioproject/PRJ...  
...](https://www.ncbi.nlm.nih.gov/bioproject/PRJNA515704)

But also?

**Thus spoke peptides: SARS-CoV-2 spike gene evolved in humans and then shortly in rats while the rest of its g...**

SARS-CoV-2 is suspected to be the product of a natural or artificial recombination of two viruses – one adapted to the horseshoe bat and the other, donor of the spike protein gene, adapted to an un...

<https://www.tandfonline.com/doi/full/10.1080/19420889.2022.2057010>



<https://www.ncbi.nlm.nih.gov/bioproject/PRJNA515704>

[ncbi.nlm.nih.gov/bioproject/?te...](https://www.ncbi.nlm.nih.gov/bioproject/?term=high-throughput+sequencing+methods+were+used+to+analyze+mRNA%2C+IncRN...)

[scienceopen.com/document?vid=e...](https://scienceopen.com/document?vid=e8c20375-f982-44c3-a223-84dd579f640d)

Not restricted to the WIV BSL-4 either.



<https://www.ncbi.nlm.nih.gov/bioproject/?term=high-throughput+sequencing+methods+were+used+to+analyze+mRNA%2C+IncRN...>

**CONTAMINATION OR VACCINE RESEARCH? RNA Sequencing data of early COVID-19 patient samples show abnor...**

Abstract A re-analysis of the meta-transcriptome data (SRR11092059-63) generated at the Wuhan Institute of Virology (WIV) from bronchial-alveolar lavage...

<https://www.scienceopen.com/document?vid=e8c20375-f982-44c3-a223-84dd579f640d>

[unherd.com/2022/04/did-vi...](https://unherd.com/2022/04/did-vi...)

A cover-up effort? (The GVP website seems to have been shut down (leaving behind only an index page and early, dead links) and the database have already been scrubbed in 12/09/2019.)

**Did virus hunters cover up a lab leak?**

The team was assembled to stop a pandemic — and then disappeared

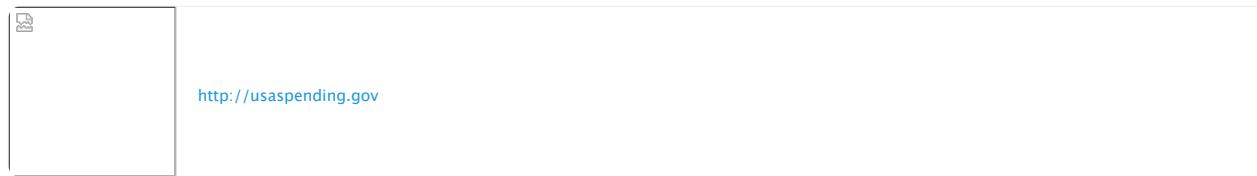
<https://unherd.com/2022/04/did-virus-hunters-cover-up-a-lab-leak/>

Tweet

Share

@mentions

is right & nice digging . notes he got UC Davis to report ~\$65 million passed from UC Davis onto EcoH since 2009! This almost doubles EcoH's entire \$68.5mil reported fed funding on [usaspending.gov](http://usaspending.gov).



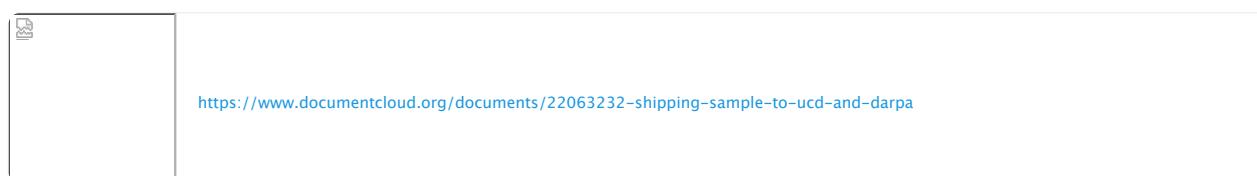
[independentsciencenews.org/wp-content/upl...](http://independentsciencenews.org/wp-content/upl...)

[@capitalsheila](#)

[documentcloud.org/documents/2206...](http://documentcloud.org/documents/2206...)

“DARPA award that starts in 10/1/18” (01/DEC/2018)?

Note that some of the funding numbers seems to have been duplicated due to a budgeting error. Correction was not mandated. Where did they use this money for?



[capitalsheila.substack.com/p/did-dod-pay-...](http://capitalsheila.substack.com/p/did-dod-pay-...)



#### Did DOD Pay EcoHealth Alliance to Do Secret Virus Research on a Pacific Island?

Is there a connection to a dangerous Russian virus?

<https://capitalsheila.substack.com/p/did-dod-pay-ecohealth-alliance-to?s=w>

[usaspending.gov/recipient/b453...](http://usaspending.gov/recipient/b453...)

Biggest direct funding of the EHA was the DOD. The USAID however supplies the majority of the funding to the EHA through subawards for PREDICT. Wonder where they are going to apply for funding after the end of that program in 2019.



@mentions

From: Eddy Rubin

"Since the visit in January the project has progressed with several national virome projects linked to GVP already funded (China) or with efforts under way to secure funding (Canada, Costa Rica...)."

Funding begun in 2017.

@mentions

"In addition to the PREDICT-standardized data sharing agreements, our Lao PDR PREDICT team also went a step further to create a document that specifically states when, and under which circumstances, data can be shared or viewed, and by whom."

?

b) "General view is that we do not want China to take a leadership role in isolation in fear of their reluctance to share data."

e) The present US administration very receptive to anything that smells of commerce (support of GVP by tech companies' good)"

"Hi Eunah,

We have more tweet worthy content for GVP - it is a great article about GVP by the China Daily. Would you be able to tweet it?"[web.archive.org/web/2018052208...](https://web.archive.org/web/2018052208...)

[@uacjess](#)

This marks the start of the GVP

[web.archive.org/web/2020031703...](https://web.archive.org/web/2020031703...)

And this is how it was already going as in 2018.

<https://web.archive.org/web/20180522083005/https://www.chinadaily.com.cn/a/201805/22/WS5b035506a3103f6866ee9b83.html>

[https://web.archive.org/web/20200317030445/http://www.cnr.cn/hubei/bk/kj/20180518/t20180518\\_524238286.shtml](https://web.archive.org/web/20200317030445/http://www.cnr.cn/hubei/bk/kj/20180518/t20180518_524238286.shtml)

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### ⌚ This Thread may be Removed Anytime!



Twitter may remove this content at anytime! Save it as PDF for later use!

[Save this thread as PDF](#)

The 2010 sample with the RacCS203 close relative. Part of the PREDICT consortium. Somehow embargoed for more than 12 years (since sampling and initial sequencing) and finally expiring in 24/05/2022.

**People who liked this thread also liked...**

 **Daoyu**  
@Daoyu15

Feb 27

archive.md/U21AN archive.md/M8Wne Of course you won't see any epicenter other than the market when only the cases that were

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All samples that were taken by agencies other than the CDC (which took only the 9 patients from the initial market discovery) or held by agencies other than the CDC and the WIV were ordered by call and by written command to be destroyed or confiscated, the data from which are

Ordered to be not disclosed without express permission and vetting by specified agencies of the CCP, and anyone who dares to

[Read 32 tweets](#)

MISSING some tweet in this thread? You can try to [force a refresh](#)



**Daoyu**  
[@Daoyu15](#)

Mar 12

@BillyBostickson @m\_scribe archive.ph/9znGJ

@BillyBostickson @m\_scribe archive.ph/L7JHA Raccoon dogs are NOT susceptible to a D614 Spike caused infection.

@BillyBostickson @m\_scribe archive.ph/dsJ15 And it is the Wuhan municipal health committee that enforced a full gag order that blocked all cases not linked to the market in December 2019 when initially screening for it—and then destroyed all the remaining samples so that their conclusion may forever

[Read 35 tweets](#)



**Daoyu**  
[@Daoyu15](#)

Mar 28

archive.ph/eiWvH Further evidence that SARS-CoV-2 is a highly effective, well-developed pan-Sarbecovirus vaccine in mice (note: the effect seems to be dependent on the CTCCTCGGCCGGCA in the S1-S2, as a Spike mRNA that lacked this element and have no FCS, failed to provide

protection against Sarbecoviruses other than SARS-CoV-2 itself, in mice. The PRRA is for aerosol self-spreading, a desired trait in vaccine intended for wildlife like bats. The WIV knew that there is no Q498 in Group I RBD/RBMs with broad ACE2 tropism, so adding it lead to

attenuation, which they verified in mice. Aerosol self-spreading is likely verified by filtration of the respiratory secretion of inoculated fruit bats (Baric lab), Carnivorous bats (WIV) or mice. The R<sub>0</sub> for bats is 1/3, which is within design specification that the

[Read 21 tweets](#)



**Daoyu**  
[@Daoyu15](#)

Mar 30

@humbleisci @TheSeeker268 archive.ph/UIBkB The first sign of (PCR and seroconversion) global spread is found in the end of November 2019 to about 01 December 2019. This is at least a week before the Huanan market environmental samples or case cluster.

@humbleisci @TheSeeker268

@humbleisci @TheSeeker268 An unfortunate reality: ten times more deaths than reported happened in Wuhan, which even with the Worobey et al doubling time, it mean three doubling times or a week and half before the Huanan market cluster. OOOPS!

Try unrolling a thread yourself!

Replying to [@wrathofgnon](#)

@threadreaderapp unroll

**Wrath Of Gnon** @wrathofgnon · Jan 6

Replies to this thread

In in Hualien County a private 6ha butterfly reserve is being used to also grow indigo plants, which were a major cash crop until about a century ago. Underneath the trees indigo plants provide food and shelter for the butterflies: excess indigo leaves are harvested and sold.

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2. From a Twitter thread mention us with a keyword "unroll"

`@threadreaderapp unroll`

[Practice here](#) first or read more on our [help page](#)!

## More from @Daoyu15



**Daoyu**  
@Daoyu15

Jun 21

archive.ph/A6cKN archive.ph/0S2eq archive.ph/dorVk The most ancestral genome of SARS-CoV-2 is found in the U.S. alongside DEFUSE “low-abundance micro-variations” related cryptic lineages. archive.ph/VXtu9 archive.ph/NFGz4 archive.ph/3js3m

archive.ph/spYgI archive.ph/CMflB

archive.ph/CMflB

Read 4 tweets



**Daoyu**  
@Daoyu15

Jun 21

biostars.org/p/254392/

researchgate.net/figure/Portion...

nature.com/articles/srep4...

Read 5 tweets



**Daoyu**  
@Daoyu15

Jun 20

Read 9 tweets



**Daoyu**  
@Daoyu15

Jun 20

Tweet Share

archive.ph/iFhUZ archive.ph/0f06s archive.ph/MafMT

archive.ph/FINVP

Read 7 tweets



**Daoyu**  
@Daoyu15

Jun 20

archive.ph/MCqMS Also the inconsistent death rates compared to straight PUE suggest that the 174 cases were obtained using an alternate standard—exactly as outlined in annex D5.

(An alternate standard)

Read 12 tweets



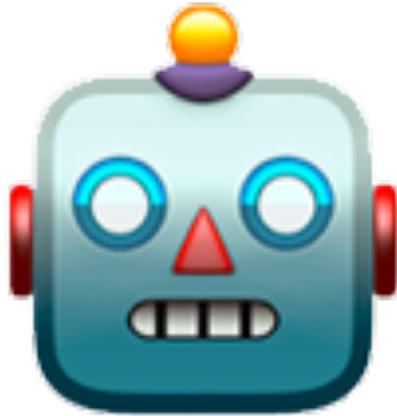
**Daoyu**  
@Daoyu15

Jun 20

Or else why they only tested 67 out of 92 serum samples? Some “sporadic cases” that had a rate of death of 27%? This was above the 5.25% reported within the 174 official WHO cases, which the 92 should have been pulled with the same standard as the 174.

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Tweet Share



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3ATGMxNzCUFzxpMCHL5sWSt4DVtS8UqXpi [copy](#)

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