

Biblical  
Prophecy  
Bible Study  
Are we in the  
End Times?

Lesson 4: The Origins of COVID, Part 2  
Rise of the Narrative

October 10, 2022 8:00 PM

# Review

Lessons 3

## Lesson 3: The Origins of COVID, part 1

SARS Epidemic of 2002-2003

The hunt for the next potential pandemic

- USAID PREDICT
  - EcoHealth Alliance

Coalition for Epidemic Preparedness Innovations (CEPI)

- World Economic Forum
- Bill and Melinda Gates Foundation

Event 201

Event 201 was also funded by the WEF and the Gates Foundation

# Strange Times and Strange Happenings

## COVID: The Players

### Organizations

- The Bill and Melinda Gates Foundation
- The Wellcome Trust
- EcoHealth Alliance
- World Economic Forum
- World Health Organization

# Strange Times and Strange Happenings

## COVID: The Players

### Individuals

- Bill Gates
- Jeremy Farrar
- Peter Daszak
- Shi Lengshi

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## COVID-19

### Early Timeline

- December 12, 2019 – Clusters of patient with an atypical pneumonia appear in the city of Wuhan in southern China
- December 31, 2019 – World Health Office in China is informed of cases
- January 2, 2020 Dr. Liu Yingle of Wuhan University's State Key Laboratory of Virology collects samples from 2 patients (BAL)
  - 39-year old male who worked in the Huanan seafood market (Dec 20, 2019)
  - 21-year old female who had contact with the seafood market staff (Dec 22, 2019)

Earliest cases were identified in November of 2019

# COVID-19

## Early Timeline

- January 1, 2020 – Huanan Seafood market is closed
- January 7, 2020 – China identifies the virus as a coronavirus
- January 10, 2020 – WHO 2019-nCoV
- January 13, 2020 – Thailand confirms the first case outside of China
- January 14, 2020 – WHO finds evidence of human-to-human transmission
- January 20, 2020 – US reports the first confirmed case
- February 20, 2020 – First US death
- March 13, 2020 – President Trump declares a state of emergency



# COVID-19

## Identifying the Virus

- January 7, 2020 – Dr. Liu Yingle sequences the genome
  - 98.7% match with BtCov/4991
  - Found in Mojiang mines in 2013 by the Wuhan Institute of Virology (WIV)
  - Published February 5, 2020 in Emerging Microbes and Infections
- February 3, 2020 – Dr. Shi of WIV also publishes the genome
  - 79.6% match for SARS-CoV (2002 SARS epidemic virus)
  - Noted a match of short segment of RaTG13
  - Sample collected from bat in Yunnan province
  - No citation given for RaTG13

Dr. Liu Yingle was working at Wuhan University's State Key Laboratory of Virology

## COVID-19

Lab or Natural Origin?

SARS-CoV was shown to arise from animal source associated with wet market

Wuhan Institute of Virology is world renowned researched in coronaviruses

- Located in Wuhan, China – the start of the pandemic
- Collaborator on 2015 Coronavirus gain-of-function paper

## How to seize control of a government?

- Promote violence
- Destabilize law and order
- Control the press
- Suppress dissenting voices
- Eliminate opponents
- Manufacture or capitalize on a crisis
- Seize power
  - Wait for the existing power structure to collapse
  - Use existing legal structure to seize extraordinary powers

## SARS-Cov-2 Origins

Rise of the Narrative

- The proximal origin of SARC-Cov2 February 2020 (Nature Medicine)

## Proximal Origin of SARS-CoV-2

Published April 2020

Nature Medicine

Written by 5 prominent virologists

- Kristian Andersen
- Andrew Rambaut
- W. Ian Lipkin
- Edward Holmes
- Robert F. Garry

Acknowledged high similarity to RaTG13 (~96%)

- Differs in spike protein

## Proximal Origin of SARS-CoV-2

Published April 2020

### Identified Furin Cleavage Site

- Cleavage site at the junction of the S1/S2 subunits of the spike protein
- Never seen in related coronaviruses
- Experiments with SARS-CoV showed cleavage site enhanced cell-cell fusion
- Cleavage of MERS spike allows virus to infect humans
- Addition of cleavage site to avian influenza makes virus highly pathogenic

## Proximal Origin of SARS-Cov2

### Initial Responses

Emails obtained by US Right to Know via FOIA lawsuit

Kristian Andersen, author of Proximal Origins paper

Scripps Research Virologist

“You have to look closely at the genome to see features that are potentially engineered... I should mention that after discussion earlier today, Eddie, Bob, Mike, and myself all find the genome to be inconsistent with expectations from evolutionary theory.”

January 31, 2020 in an email to Anthony Fauci

<https://usrtk.org/biohazards/timeline-the-proximal-origin-of-sars-cov-2/>

## Teleconference Convened

1 February, 2020

Organized by Jeremy Farrar (Wellcome Trust)

Included authors of Proximal Origin paper

Francis Collins (NIH) and Anthony Fauci (NIAID) were also on the call

Robert Redfield (Director CDC) was not included

- Known proponent of lab leak hypothesis
- Had asked Fauci and Farrar to be included

By this time, Fauci knows that NIH funded research (including the 2015 gain of function article) at WIV through Eco Health Alliance



## Proximal Origin of SARS-Cov2

### Initial Responses

Robert Garry, author of Proximal Origins paper

Tulane School of Medicine virologist

“I really can’t think of a plausible natural scenario where you get from the bat virus or one very similar to it to nCoV where you insert exactly 4 amino acids 12 nucleotide that all have to be added at the exact same time to gain this function –that you don’t change any other amino acid in S2? I just can’t figure out how this gets accomplished in nature.”

<https://usrtk.org/biohazards/timeline-the-proximal-origin-of-sars-cov-2/>

## Proximal Origin of SARS-Cov2

### Initial Responses

Robert Garry, author of Proximal Origins paper  
Tulane School of Medicine virologist

“You were doing gain of function research you would NOT use an existing clones of SARS or MERSv. These viruses are already human pathogens. What you would do is chose a bat virus that had not yet emerged. Maybe then pass it in human cells for a while to look in the RBS, then you reclone and put in the mutations you are interested – one of the first a polybasic cleavage site.”

2 February 2020 in an email to Jeremy Farrar

<https://usrtk.org/biohazards/timeline-the-proximal-origin-of-sars-cov-2/>

## Proximal Origin of SARS-Cov2

### Initial Responses

Ron Fouchier, author of gain of function study of H5N1 influenza  
Erasmus Medical Center, Rotterdam, The Netherlands

“Any conspiracy theory can be approached with factual information “

... “However, further debate about such accusations would unnecessarily distract top researchers from their active duties and do unnecessary harm to science in general and science in China in particular.”

2 February 2020 in an email to Jeremy Farrar

<https://usrtk.org/biohazards/timeline-the-proximal-origin-of-sars-cov-2/>

Fouchier’s work was supported, in part, by a grant from the NIH  
Fouchier was on the original conference call and was the first to speak up against the lab-leak theory  
Collins echoes similar thoughts to the possible harm to science in an email to Fauci on 2 February.

## Proximal Origin of SARS-Cov2

Initial Responses

Edward Holms, author of Proximal Origins

University of Sydney Virologist

“It’s fundamental science and completely neutral as written. Did not mention other anomalies as this will make us look like loons.”

Email of draft of paper to Jeremy Farrar 4 February 2020

<https://usrtk.org/biohazards/timeline-the-proximal-origin-of-sars-cov-2/>

Farrar in turn emailed the draft to Fauci. Fauci did comment on paper.

## Proximal Origin of SARS-CoV-2

Published April 2020

### Conclusions

- “It is improbable that SARS-CoV emerged through laboratory manipulation of a related SARS-CoV-like coronavirus.”
- SARS-COV-2 backbone is not similar to known viruses

### Proposed origins

- Natural selection in animal host before transfer
- Natural selection in humans following zoonotic transfer

While all 5 of the authors originally expressed significant concerns about a lab leak, the final paper dismisses it as “improbable.” The initial draft may have given more credence to the possibility of lab leak. It is difficult to tell how much influence Anthony Fauci or Francis Collins had on the message of the final paper, but Fauci definitely knew by this time NIAID had funded gain-of-function research at WIV.

## Proximal Origin of SARS-CoV-2

Published April 2020

But...

Ian Lipkin was listed as a “partner” of EcoHealth from 2012 to 2014

- Coauthored 10 papers with EcoHealth researchers from 2011 to 2021

Edward Holmes worked with the Wuhan Institute of Virology on viral genomes, including RaTG13

Neither of these authors disclosed this potential conflict of interest

August 2020: NIAID awards a \$82M grant to the new Centers for Research in Emerging Infectious Diseases

- Researches include Kristian Andersen and EcoHealth Alliance

## Rise of Censorship

2 February 2020

Zero Hedge publishes the article, “Coronavirus contains HIV insertions stoking fears over artificially created bioweapon.”

WHO works with social media to block “misinformation.”

Twitter suspends Zero Hedge

While this article probably would not have added much credible weight to a lab-leak hypothesis, it is notable that public health officials at the highest level were advocating for censorship very early in the pandemic.

## SARS-Cov-2 Origins

### Rise of the Narrative

- The proximal origin of SARC-Cov2 drafted February 2020
- 7 March 2020 Open letter to Lancet



### Statement in support of the scientists, public health professionals, and medical professionals of China combatting COVID-19

We are public health scientists who have closely followed the emergence of 2019 novel coronavirus disease (COVID-19) and are deeply concerned about its impact on global health and wellbeing. We have watched as the scientists, public health professionals, and medical professionals of China, in particular, have worked diligently and effectively to rapidly identify the pathogen behind this outbreak, put in place significant measures to reduce its impact, and share their results transparently with the global health community. This effort has been remarkable.

We sign this statement in solidarity

nothing but create fear, rumours, and prejudice that jeopardise our global collaboration in the fight against this virus. We support the call from the Director-General of WHO to promote scientific evidence and unity over misinformation and conjecture.<sup>14</sup> We want you, the science and health professionals of China, to know that we stand with you in your fight against this virus.

We invite others to join us in supporting the scientists, public health professionals, and medical professionals of Wuhan and across China. Stand with our colleagues on the frontline!

We speak in one voice. To add your support for this statement, sign our letter online. LM is editor of ProMED-mail. We declare no competing interests.

Charles Calisher, Dennis Carroll, Rita Colwell, Ronald B Corley, Peter Daszak, Christian Drosten, Luis Enjuanes, Jeremy Farrar, Hume Field, Josie Golding, Alexander Gorbalenya, Bart Haagmans,

Hong Kong, Hong Kong (LP); University of Chicago, Chicago, IL, USA (BR); The Ohio State University, Columbus, OH, USA (LS); and The University of Melbourne, Melbourne, VIC, Australia (KS)

- 1 Gorbalenya AE, Baker SC, Baric RS, et al. Severe acute respiratory syndrome-related coronavirus: the species and its viruses—a statement of the Coronavirus Study Group. *BioRxiv* 2020; published online Feb 11. DOI:10.1101/2020.02.07.937862 (preprint).
- 2 Zhou P, Yang X-L, Wang X-G, et al. A pneumonia outbreak associated with a new coronavirus of probable bat origin. *Nature* 2020; published online Feb 3. DOI:10.1038/s41586-020-2012-7.
- 3 Lu R, Zhao X, Li J, et al. Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. *Lancet* 2020; published online Jan 20. [https://doi.org/10.1016/S0140-6736\(20\)30251-8](https://doi.org/10.1016/S0140-6736(20)30251-8).
- 4 Zhu N, Zhang D, Wang W, et al. A novel coronavirus from patients with pneumonia in China, 2019. *NEJM* 2020; published online Jan 24. DOI:10.1056/NEJMoa2001027.
- 5 Ren L, Wang Y-M, Wu Z-Q, et al. Identification of a novel coronavirus causing severe pneumonia in humans: a descriptive study. *Chin Med J* 2020; published online Feb 11. DOI:10.1097/CM9.0000000000000722.
- 6 Paraskevis D, Kostaki EG, Magiorkinis G, Panayiotakopoulos G, Tsiodras S. Full-genome evolutionary analysis of the novel corona virus (2019-nCoV) rejects the hypothesis of emergence as a result of a recent recombination



Published Online  
February 18, 2020  
[https://doi.org/10.1016/S0140-6736\(20\)30418-9](https://doi.org/10.1016/S0140-6736(20)30418-9)  
For the Chinese translation see Online for appendix

To register your support see <http://chng.it/5Dp7B9Kf>

Of note in the signatories of the Open Letter are Peter Daszak, president of EcoHealth, and Jeremy Farrar, head of the Wellcome Trust and organizer of the authors of the Proximal Origin paper.

## Open Letter to Lancet

Published by “public health scientists who have closely followed the emergence of the 2019 novel coronavirus disease (COVID-19) and are deeply concerned about its impact on global health and wellbeing.”

## Open Letter to Lancet

7 March, 2020

“The rapid, open, and transparent sharing of data on this outbreak is now being threatened by rumours and misinformation around its origins. We stand together to strongly condemn conspiracy theories suggesting that COVID-19 does not have a natural origin.”

“Conspiracy theories do nothing but create fear, rumours, and prejudice that jeopardize our global collaboration in the fight against this virus.”

The Open Letter vastly overstated the support for a zoonotic origin and now labels the lab leak theory as a conspiracy theory. This would include Dr. Redfield, the director of the CDC.

## Open Letter to Lancet

7 March, 2020

6 February, 2020 email from Peter Daszak to Ralph Baric

“I spoke with Linfa last night about the statement we sent round. He thinks, and I agree with him, that you, me and him should not sign the statement, so it has some distance from us and therefore doesn’t work in a counterproductive way.

Jim Hughes, Linda Saif, Hume Field and I believe Rita Colwell will sign it, then I’ll send it round some other key people tonight. We’ll then put it out in a way that doesn’t link it back to our collaboration so we maximize an independent voice.”

The letter quotes another letter from the National Academy of Sciences as if it rejected a lab-leak hypothesis. Despite strong lobbying from Kristian Andersen, the letter left open the possibility of a lab leak.

## Letter from National Academies of Sciences

8-Member panel convened to advise the White House on the next steps to investigate the origin of SARS-CoV-2

We have discussed 3 of the 8 members

- Kristian Andersen
- Peter Daszak
- Ralph Baric

Letter did not rule out a lab leak origin

## Intercept Article

9 September, 2021

May 2021

Anthony Fauci in congressional testimony

“The NIH has not ever and does not not fund gain-of-research in the Wuhan Institute of Virology.”

## Intercept Article

9 September, 2021

The Intercept sues NIH under FOIA to gain documents on grants to EcoHealth

- Grant awarded to EcoHealth Alliance
- Subgrants were given to Wuhan Institute of Virology and East China University

\$3.1 M grant

- Approximately \$750,000 to WIV

[www.theintercept.com](http://www.theintercept.com)

## Intercept Article

9 September, 2021

Grant created chimeric virus

- Parent coronavirus WIV1 with other viruses
- 3 altered bat coronaviruses reproduced more quickly
  - One caused significant weight loss in humanized mice
- Article published in 2017 showed increased viral load in lung tissue of humanized mice

[www.theintercept.com](http://www.theintercept.com)

7/11 virologists consulted by the Intercept agreed this constituted gain of function  
All agreed this was not the precursor of SARS-CoV-2

Humanized mice are mice that have been modified to express the human ACEII receptor. The process involved injection of fetal stem cells.



## COVID-19

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Dr. Liu Yingle was working at Wuhan University's State Key Laboratory of Virology

# DRASTIC

Decentralized Radical Autonomous Search Team Investigating COVID-19

- Seeker uncovers medical thesis published by Kunming Medical University student Li Xu in 2013
- “The Analysis of Six Patients with Severe Pneumonia Caused by Unknown Viruses”
  
- 2012 Pneumonia outbreak in miners of Mojiang Mine
- Virus recovered was BtCov/4991
- Identical to RaTG13

DRASTIC is a collection of scientists and lay people who research the origins of COVID

## Questions and Discussion

## Acts 17:10-11

“The brethren immediately sent Paul and Silas away by night to Berea, and when they arrived, they went into the synagogue of the Jews. Now these were more noble-minded than those in Thessalonica, for they received the word with great eagerness, examining the Scriptures daily to see whether these things were so.”

Don't trust anything I say. Please go and look it up for yourself. Challenge me when I am wrong. Discuss when you disagree.

## References

### [US Right to Know: Our Reporting on the Origins of COVID-19](#)

US Right to Know

Reporting on documents obtained via the Freedom of Information laws.

### [Viral: The Search for the Origin of COVID-19](#)

Alina Chan and Matt Ridley


Harper Collins Publishers, 2021

## Suggested Resources

Prophecy New Watch

<https://prophecynewswatch.com>

Collects articles on current events that are relevant to Biblical prophecy



Should we be looking for  
His return?

## Sir Isaac Newton

### Observations Upon the Prophecies of Daniel and the Apocalypse of St. John

“If then the Prophecies that concerned the Apostolic age were given for the conversion of the men of that age to the truth and for the establishment of their faith, and if it was their duty to search diligently into those Prophecies : why should we not think that the Prophecies which concern the latter times into which we are fallen were in like manner intended for us to use, such that in the midst of Apostacies we might be able to discern the truth and be established in the faith in the truth, and consequently that it is also our duty to search with all diligence into these Prophecies. And If God was so angry with the Jews for not searching more diligently into the Prophecies which He had given them to know Christ by: why should we think He will excuse us for not searching into the Prophecies which He has given us to know Antichrist by? For certainly it must be as dangerous and as easy an error for Christians to adhere to Antichrist as it was for the Jews to reject Christ. And therefore, it is as much our duty to endeavor to know Antichrist that we might resist him, as it was theirs to know Christ that they might follow him.”



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Lesson 5: Origins of COVID, part 3  
Lab Leak or Natural Origins?

October 17, 2022 8:00 PM

Lecture Notes are  
Posted at...

Ingaboo Books website  
[www.ingaboobooks.com](http://www.ingaboobooks.com)

