



FOIA request to CDC: Harcourt et al. "SARS-COV2 isolation" paper - unpublished details

Christine Massey <cmssyc@gmail.com>
To: "FOIA Requests (CDC)" <FOIARequests@cdc.gov>

Thu, Dec 23, 2021 at 8:18 AM

December 23, 2021

To:
Roger Andoh
Freedom of Information Officer
1600 Clifton Rd NE MS T-01
Atlanta, Georgia 30333
Email: FOIARequests@cdc.gov
Phone: 770-488-6277
Fax: 770-488-6200

Dear Freedom of Information Officer,

This is a formal request for access to general records, made under the *Freedom of Information Act*.

Description of Requested Records:

All records in the possession, custody or control of the Centers for Disease Control and Prevention (CDC) and/or the Agency for Toxic Substances and Disease Registry (ATSDR) that contain **additional details** (listed below) of the so-called "virus isolation" and "whole genome sequencing" procedures/methodologies and results that were reported on in the publication by Harcourt et al. entitled "Severe Acute Respiratory Syndrome Coronavirus 2 from Patient with Coronavirus Disease, United States" that is listed on the CDC's web site with a url of https://wwwnc.cdc.gov/eid/article/26/6/20-0516_article.

Dr. Harcourt is listed as a microbiologist in the National Center for Immunization and Respiratory Diseases, CDC, and several of her co-authors on this paper are listed as being affiliated with the CDC and so the CDC would presumably have access to these records.

Cell Culture - Experimental Group Details:

- The quantity of material from (allegedly infected) nasopharyngeal and oropharyngeal swab specimens that was added to the cell culture experimental group (per well)
- Antibiotics Quantities for the cell culture experimental group (per well)
- Antifungals Quantities for the cell culture experimental group (per well)
- Fetal Bovine Serum Quantities and dilution for the cell culture experimental group (per well)
- The quantity and dilution of the Cell Nutrient Solution (DMEM) used in the experimental group (per well)
- The number of wells used in the experimental Group
- The number of wells in the experimental group that experienced CPE
- Type and quantity of UTM/VTM used in the experimental group (used in the storage of swab specimens from the patient diagnosed with "the virus" - per swab)
- Any additional chemicals or components added to the experimental group, with quantities (per well)

Cell Culture - "Mock Infected" / Control Group Details:

- The quantity of material from uninfected nasopharyngeal and oropharyngeal swab specimens that was added to the cell culture control group (per well)
- Antibiotics Quantities for the cell culture control group (per well)
- Antifungals Quantities for the cell culture control group (per well)
- Fetal Bovine Serum Quantities and dilution for the cell culture control group (per well)
- The quantity and dilution of the Cell Nutrient Solution (DMEM) used in the control group (per well)

- The number of wells used in the control Group
- The number of wells in the control group that experienced CPE
- Type and quantity of UTM/VTM used in the control group (used in the storage of control swab specimens from a patient considered free of "the virus" - per swab)
- Any additional chemicals or components added to the control group, with quantities (per well)

"Whole Genome" Sequencing - Purity and Control Details:

- The degree of purity of the "virus" sample used in the sequencing experiment.
- All details of the control group that was used when comparing the results of sequencing:
 - the total nucleic acid extracted from the "viral lysate" (from the experimental group), versus
 - the total nucleic acid extracted from the non-viral lysate (from the control group).

In summary, please provide all records that include any additional details of the experimental and/or control groups that were used when "isolating and sequencing the virus".

If any records match the above description of requested records and are currently available to the public elsewhere, please provide enough information about each record so that I may identify and access each one with certainty (i.e. title, author(s), date, journal, where the public may access it). Please provide URLs where possible.

Format:

Pdf documents sent to me via email; I do not wish for anything to be shipped to me.

Contact Information:

Last name: Massey

First name: Christine

Address: [REDACTED] Peterborough, ON, Canada

Phone: [REDACTED]

Email: cmssyc@gmail.com

Thank you in advance and best wishes,
Christine Massey, M.Sc.



Christine Massey <cmssyc@gmail.com>

FOIA request to CDC: Harcourt et al. "SARS-COV2 isolation" paper - unpublished details

Christine Massey <cmssyc@gmail.com>

Fri, Dec 24, 2021 at 8:58 AM

To: "FOIA Requests (CDC)" <FOIARequests@cdc.gov>

p.s. An additional detail to add to the above list for both cell culture groups:
Pre-Experimental Details: The Cell Nutrient Solution (storage medium)
quantity and dilution that the cell lines were stored in, in
preparation of the experiment

[Quoted text hidden]



Christine Massey <cmssyc@gmail.com>

Your CDC FOIA Request #22-00578-FOIA

emagyar@cdc.gov <emagyar@cdc.gov>
To: cmssyc@gmail.com

Thu, Dec 30, 2021 at 1:11 PM

December 30, 2021

Request Number: 22-00578-FOIA

Dear Mr. Massey:

This is regarding your Freedom of Information Act (FOIA) request of December 23, 2021, for request for all records in the possession, custody or control of the Centers for Disease Control and Prevention (CDC) and/or the Agency for Toxic Substances and Disease Registry (ATSDR) that contain additional details (listed below) of the so-called "virus isolation" and "whole genome sequencing" procedures/methodologies and results that were reported on in the publication by Harcourt et al. entitled "Severe Acute Respiratory Syndrome Coronavirus 2 from Patient with Coronavirus Disease, United States" that is listed on the CDC's web site with a url of https://wwwnc.cdc.gov/eid/article/26/6/20-0516_article.

Please see the attached letter.

Sincerely,
CDC/ATSDR FOIA Office
770-488-6399

2 attachments



578 Acknowledgement Letter.docx
76K



578 Request Description.pdf
107K



Centers for Disease Control
and Prevention (CDC)
Atlanta GA 30333

December 30, 2021

Christine Massey



Via email: cmssyc@gmail.com

Dear Mr. Massey:

The Centers for Disease Control and Prevention and Agency for Toxic Substances and Disease Registry (CDC/ATSDR) received your Freedom of Information Act (FOIA) request dated December 23, 2021. Your request assigned number is 22-00578-FOIA, and it has been placed in our complex processing queue.

Extension of Time

In unusual circumstances, an agency can extend the twenty-working-day limit to respond to a FOIA request.

We will require more than thirty working days to respond to your request because:

- We reasonably expect that two or more CDC centers, institutes, and offices (C/I/Os) may have responsive records.
- We reasonably expect to receive and review voluminous records in response to your request.
- We reasonably expect to consult with two or more C/I/O/s, or another HHS operating division or another federal agency about your request.
- We reasonably expect that records located would contain confidential commercial information. We are required to notify submitters of confidential information if their information is requested through a FOIA request. Submitters have 10 working days to object to the release of their information.

To process your request promptly, please consider narrowing the scope of your request to limit the number of responsive records. If you have any questions or wish to discuss reformulation or an alternative time frame for the processing of your request, you may contact the analyst handling your request Emerique Magyar at 770-488-6359 or our FOIA Public Liaison, Roger Andoh at 770-488-6277. Additionally, you may contact the Office of Government Services (OGIS) to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows: Office of Government Information Services; National Archives and Records Administration; 8601 Adelphi Road-OGIS; College Park, Maryland 20740-6001; e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

Fee Category

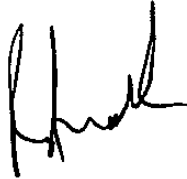
Because you are considered an “Other requester” you are entitled to two hours of free search time, and up to 100 pages of duplication (or the cost equivalent of other media) without charge, and you will not be charged for review time. We may charge for search time beyond the first two hours and for duplication beyond the first 100 pages (10 cents/page).

Cut-off-date

If you don't provide us with a date range for your request, the cut-off date for your request will be the date the search for responsive records starts.

You may check on the status of your case on our FOIA webpage <https://foia.cdc.gov/app/Home.aspx> and entering your assigned request number. If you have any questions regarding your request, please contact Emerique Magyar at 770-488-6359 or via email at emagyar@cdc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Roger Andoh', with a stylized flourish at the end.

Roger Andoh
CDC/ATSDR FOIA Officer
Office of the Chief Operating Officer
(770) 488-6399
Fax: (404) 235-1852

22-00578-FOIA



Christine Massey <cmssyc@gmail.com>

Your CDC FOIA Request #22-00578-FOIA

Christine Massey <cmssyc@gmail.com>
To: emagyar@cdc.gov

Tue, May 3, 2022 at 5:38 PM

Hello,

I am still waiting for a response. Please advise of the status of my request that I filed in December.

Thank you, best wishes,
Christine

[Quoted text hidden]



Christine Massey <cmssyc@gmail.com>

Your CDC FOIA Request #22-00578-FOIA

emagyar@cdc.gov <emagyar@cdc.gov>
To: cmssyc@gmail.com

Tue, May 3, 2022 at 6:39 PM

May 3, 2022

Request Number: 22-00578-FOIA

Dear Mr. Massey:

This is regarding your Freedom of Information Act (FOIA) request of December 23, 2021, for request for all records in the possession, custody or control of the Centers for Disease Control and Prevention (CDC) and/or the Agency for Toxic Substances and Disease Registry (ATSDR) that contain additional details (listed below) of the so-called "virus isolation" and "whole genome sequencing" procedures/methodologies and results that were reported on in the publication by Harcourt et al. entitled "Severe Acute Respiratory Syndrome Coronavirus 2 from Patient with Coronavirus Disease, United States" that is listed on the CDC's web site with a url of https://wwwnc.cdc.gov/eid/article/26/6/20-0516_article.

Please see the attached letter.

Sincerely,
CDC/ATSDR FOIA Office
770-488-6399



578 Status Letter.docx

86K



Centers for Disease Control
and Prevention (CDC)
Atlanta GA 30333

May 3, 2022

Christine Massey
#221 - 93 George St. S.
Brampton, ON L6Y 1P4
Via email: cmssyc@gmail.com

Dear Mr. Massey:

This is in response to your May 3, 2022, email, concerning your Centers for Disease Control and Prevention and Agency for Toxic Substances and Disease Registry (CDC/ATSDR) Freedom of Information Act (FOIA) request #22-00578-FOIA.

CDC processes all FOIA requests on a first-in, first-out basis, which is the court-approved method for agencies operating under a backlog. Program staff have completed their search for the records you requested, and your case is currently in this office awaiting final review. Processing time is contingent upon the number of requests ahead of yours and their complexity and volume. Therefore, we are unable to give you an exact timeframe for completion of your request. Please be assured, however, that a response will be sent to you as quickly as possible.

You may check on the status of your case by going to our FOIA webpage at <https://foia.cdc.gov> and entering your request number. The fiscal year is the first two numbers and the request ID is the second set of numbers. If you have any questions regarding your request, please contact me at 770-488-6359.

Sincerely,

A handwritten signature in black ink that reads "Emerique Magyar".

Emerique Magyar
CDC/ATSDR FOIA Office
Office of the Chief Operating Officer
(770) 488-6399
Fax: (404) 235-1852



Your CDC FOIA Request #22-00578-FOIA

emagyar@cdc.gov <emagyar@cdc.gov>
[REDACTED]

Tue, May 10, 2022 at 5:27 PM

May 10, 2022

Request Number: 22-00578-FOIA
[REDACTED]

This is regarding your Freedom of Information Act (FOIA) request of December 23, 2021, for request for all records in the possession, custody or control of the Centers for Disease Control and Prevention (CDC) and/or the Agency for Toxic Substances and Disease Registry (ATSDR) that contain additional details (listed below) of the so-called "virus isolation" and "whole genome sequencing" procedures/methodologies and results that were reported on in the publication by Harcourt et al. entitled "Severe Acute Respiratory Syndrome Coronavirus 2 from Patient with Coronavirus Disease, United States" that is listed on the CDC's web site with a url of https://wwwnc.cdc.gov/eid/article/26/6/20-0516_article.


Please see the attached letter.

Sincerely,
CDC/ATSDR FOIA Office
770-488-6399

3 attachments

 **578 Final Response Letter.docx**
93K

 **578 Request Description.pdf**
107K

 **22-00578 (Massey).pdf**
7335K



Centers for Disease Control
and Prevention (CDC)
Atlanta GA 30333

May 10, 2022



This letter is in final response to your Centers for Disease Control and Prevention and Agency for Toxic Substances and Disease Registry (CDC/ATSDR) Freedom of Information Act (FOIA) request of December 23, 2021, assigned #22-00578-FOIA, for see attached.

We located 36 pages of responsive records. After a careful review of these pages, some information was withheld from release pursuant to 5 U.S.C. §552 Exemption (b)(6). The foreseeable harm standard was considered when applying these redactions.

EXEMPTION 6

Exemption 6 protects information in personnel and medical files and similar files when disclosure would constitute a clearly unwarranted invasion of personal privacy. The information that has been withheld under Exemption 6 consists of personal information, such as cell phone number. We have determined that the individual to whom this information pertains has a substantial privacy interest in withholding it.

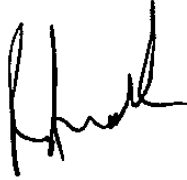
In regard to certain portions of your request, a search of our records failed to reveal any documents pertaining to your request. These portions relate to your request for specific "...Cell Culture – Experimental Group Details:" and "Cell Culture – 'Mock Infected' / Control Group Details:" and "'Whole Genome' Sequencing – Purity and Control Details:" Your request was sent to the National Center for Immunization and Respiratory Diseases (NCIRD) for search. They responded that certain details in your request were not available as records controlled or maintained by CDC. Under FOIA agencies are not required to create records, conduct research or answer questions posed as FOIA requests. The documents produced represent the only records the agency has in response to your FOIA request as submitted.

In accordance with the Department's implementing regulations, 45 CFR Part 5, no fees are being assessed in this case.

You may contact our FOIA Public Liaison at 770-488-6246 for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road-OGIS, College Park, Maryland 20740-6001, e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

If you are not satisfied with the response to this request, you may administratively appeal to the Deputy Agency Chief FOIA Officer, Office of the Assistant Secretary for Public Affairs, U.S. Department of Health and Human Services, via the online portal at <https://requests.publiclink.hhs.gov/App/Index.aspx>. Your appeal must be electronically transmitted by August 8, 2022.

Sincerely,

A handwritten signature in black ink, appearing to read 'Roger Andoh', with a stylized flourish at the end.

Roger Andoh
CDC/ATSDR FOIA Officer
Office of the Chief Operating Officer
(770) 488-6399
Fax: (404) 235-1852

Enclosures

22-00578-FOIA

From: [Tamin, Azaibi \(CDC/DDID/NCIRD/DVD\)](#)
To: [Lindstrom, Stephen \(CDC/DDID/NCIRD/DVD\)](#); [Tong, Suxiang \(Sue\) \(CDC/DDID/NCIRD/DVD\)](#); [Thornburg, Natalie \(CDC/DDID/NCIRD/DVD\)](#)
Cc: [Harcourt, Jennifer \(CDC/DDID/NCIRD/DVD\)](#); [Kamili, Shifag \(CDC/DDID/NCIRD/DVD\) \(CTR\)](#); [Sakthivel, Senthil Kumar K. \(CDC/DDID/NCIRD/DVD\) \(CTR\)](#)
Subject: RE: Scope pics of potential 2019 N-CoV from the 1st US case
Date: Saturday, January 25, 2020 2:37:18 PM
Attachments: [2019 NCoV_scope pics of potential isolates from 1st US case_V2.pdf](#)

Hi Steve,

I placed 29 samples of potential 2019 N-CoV isolates in AVL lysis buffer (350 uls AVL + 50 uls lysates in a plastic box labeled 'AT samples 1/24/20' - in the bottom shelf in a larger open box in -70C freezer #5 in the LER.

The tubes are labeled 'A1 to A12'; 'B2 to B10' (NP645); 'E1 to E4'; and 'F2 to F5' (OP646).

If your team cant test all of them, the priority is to test on the tubes with the highest dilutions – **A12, B10, E4** and **F5**.

Thank you,
AT

From: Lindstrom, Stephen (CDC/DDID/NCIRD/DVD) <sql5@cdc.gov>
Sent: Saturday, January 25, 2020 1:41 PM
To: Tong, Suxiang (Sue) (CDC/DDID/NCIRD/DVD) <sot1@cdc.gov>; Tamin, Azaibi (CDC/DDID/NCIRD/DVD) <axt4@cdc.gov>; Thornburg, Natalie (CDC/DDID/NCIRD/DVD) <nax3@cdc.gov>
Cc: Harcourt, Jennifer (CDC/DDID/NCIRD/DVD) <zaq6@cdc.gov>
Subject: RE: Scope pics of potential 2019 N-CoV from the 1st US case

Very nice unhappy cells!

From: Tong, Suxiang (Sue) (CDC/DDID/NCIRD/DVD) <sot1@cdc.gov>
Sent: Saturday, January 25, 2020 12:24 PM
To: Tamin, Azaibi (CDC/DDID/NCIRD/DVD) <axt4@cdc.gov>; Thornburg, Natalie (CDC/DDID/NCIRD/DVD) <nax3@cdc.gov>
Cc: Lindstrom, Stephen (CDC/DDID/NCIRD/DVD) <sql5@cdc.gov>; Harcourt, Jennifer (CDC/DDID/NCIRD/DVD) <zaq6@cdc.gov>
Subject: RE: Scope pics of potential 2019 N-CoV from the 1st US case

Cheers!!

From: Tamin, Azaibi (CDC/DDID/NCIRD/DVD) <axt4@cdc.gov>
Sent: Saturday, January 25, 2020 12:13 PM
To: Thornburg, Natalie (CDC/DDID/NCIRD/DVD) <nax3@cdc.gov>
Cc: Lindstrom, Stephen (CDC/DDID/NCIRD/DVD) <sql5@cdc.gov>; Tong, Suxiang (Sue)

(CDC/DDID/NCIRD/DVD) <sot1@cdc.gov>; Harcourt, Jennifer (CDC/DDID/NCIRD/DVD)
<zaq6@cdc.gov>

Subject: Scope pics of potential 2019 N-CoV from the 1st US case

Hi gang,

Hope some of these 7 lysates that show CPE are caused by the 2019 N-CoV

Cheers,

AT

Azaibi Tamin, Ph.D.

Research Microbiologist,

Respiratory Viruses Immunology Team, Respiratory Viruses Branch,

Division of Viral Diseases, National Center for Immunization and Respiratory Disease,

Centers for Disease Control and Prevention, Atlanta GA 30333, USA

Email: atamin@cdc.gov Tel: (404) 639 1302 Cell: (470) 312 5044

Scope pictures of potential 2019 N-CoV isolates from the 1st US case (10X/passage 1/2 days post infection)

Brief method:

Use serial dilution in a 96 wells plate format;

Vero cells suspension [$\sim 2.5 \times 10^4$ cells] in DMEM/2X PS/Fungizone

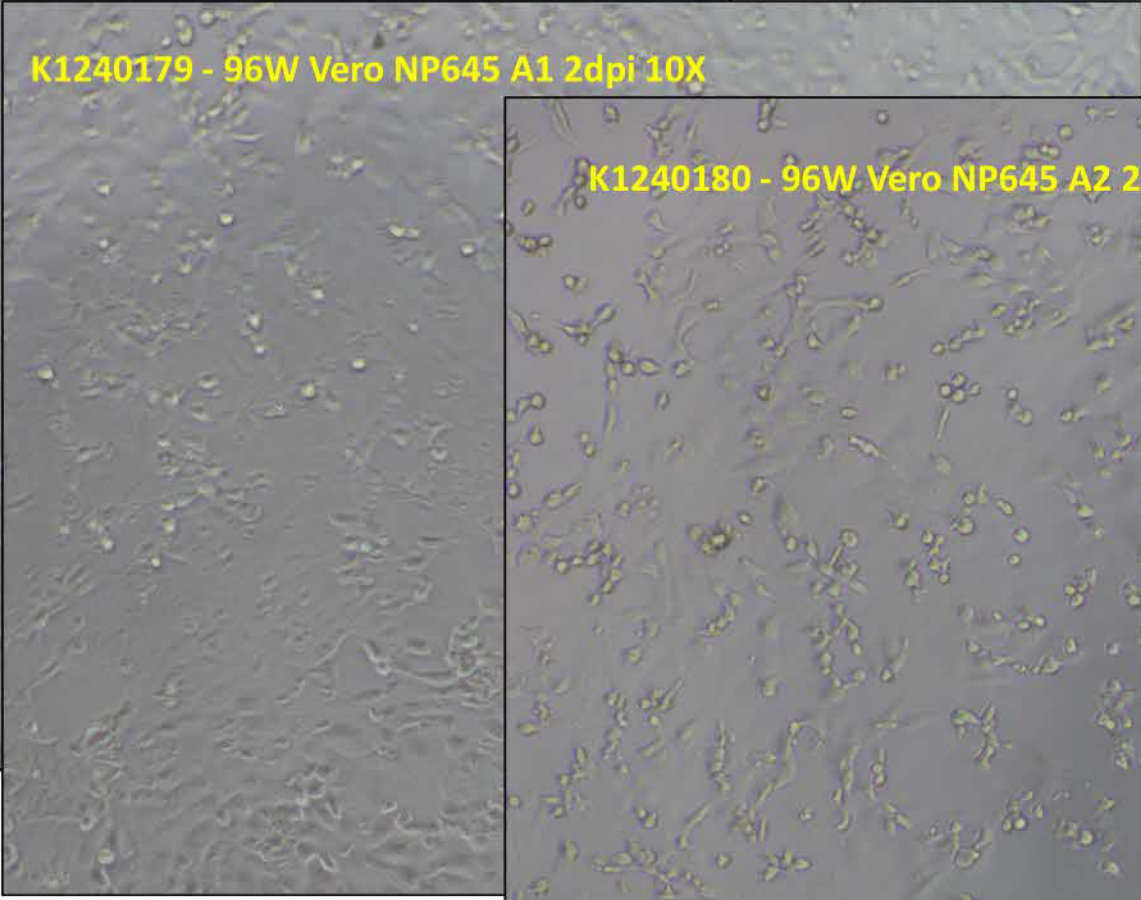




K1240172 - 96W Mock Vero C3 2dpi 10X

A phase-contrast micrograph showing a confluent monolayer of Vero cells. The cells are typical epithelial in morphology, with a flat, polygonal shape and visible nuclei. There is no evidence of cytopathic effect or viral inclusion bodies.

K1240179 - 96W Vero NP645 A1 2dpi 10X

A phase-contrast micrograph showing Vero cells infected with NP645. The cells appear similar to the mock-infected control, with a confluent monolayer of epithelial cells. No significant cytopathic changes are visible.

K1240180 - 96W Vero NP645 A2 2dpi 10X

A phase-contrast micrograph showing Vero cells infected with NP645. The cells are in a confluent monolayer, but there is a noticeable increase in cell debris and some cells with rounded, refractile nuclei compared to the mock-infected control, suggesting the beginning of a cytopathic effect.

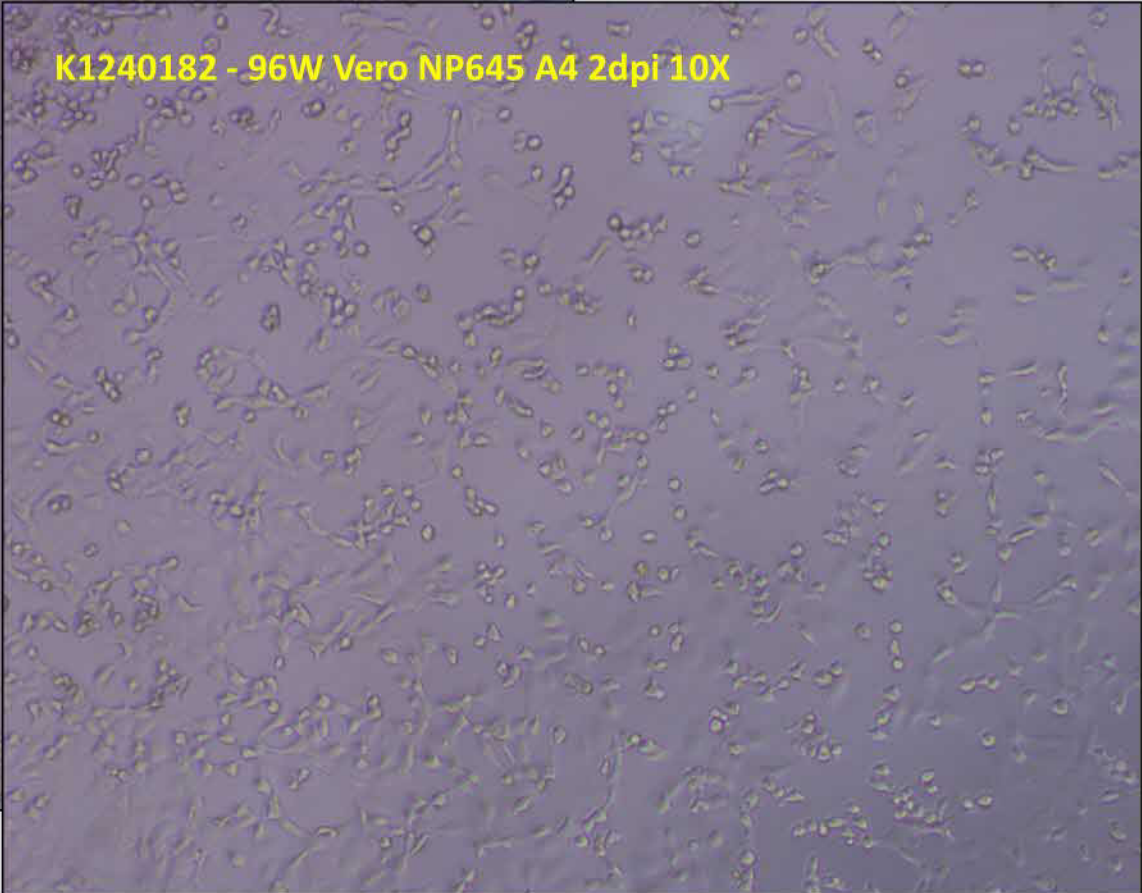
K1240171 - 96W Mock Vero C2 2dpi 10X

A phase-contrast micrograph showing a confluent monolayer of Vero cells. The cells are typical epithelial in morphology, with a high nucleus-to-cytoplasm ratio and distinct cell boundaries. There is no evidence of cytopathic effect or viral inclusions.

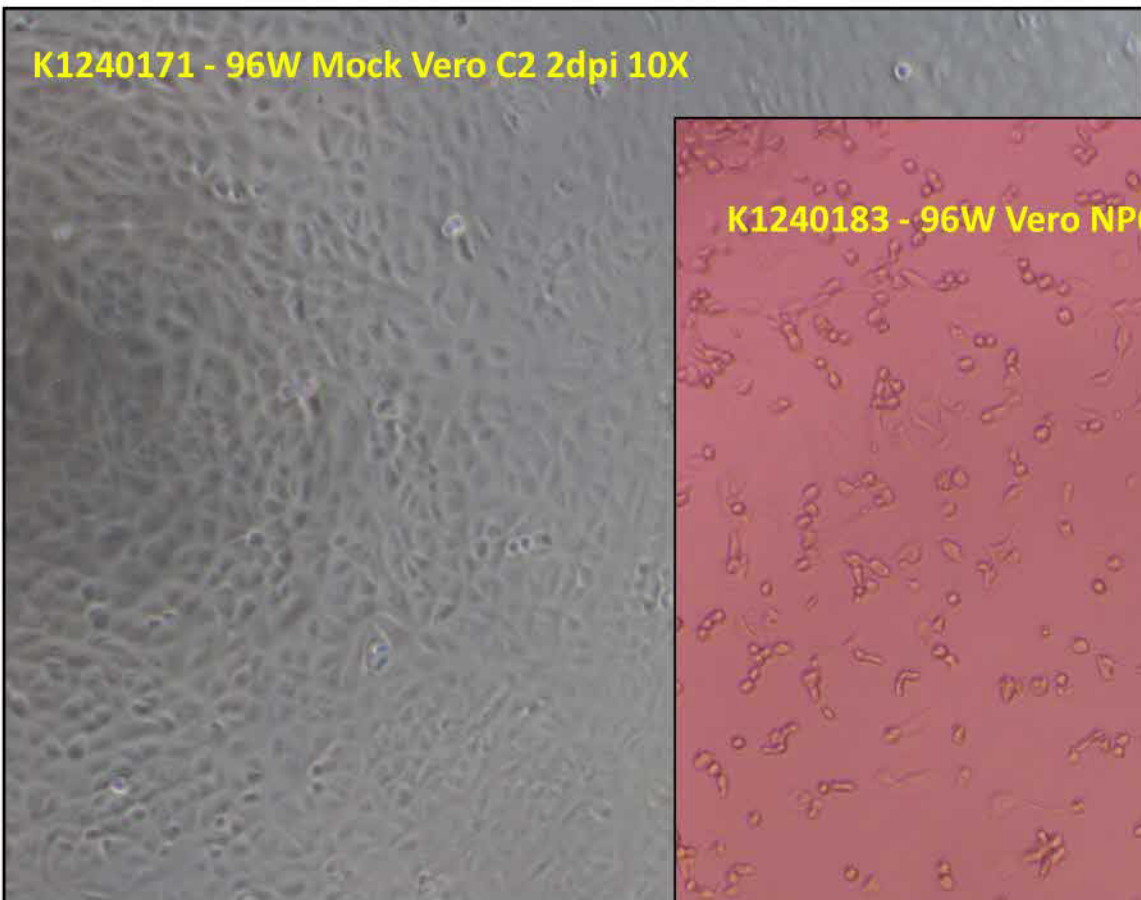
K1240181 - 96W Vero NP645 A3 2dpi 10X

A phase-contrast micrograph showing Vero cells infected with NP645 at 2 days post-inoculation (dpi). The cells exhibit a variety of cytopathic effects, including cell rounding, clumping, and the presence of numerous small, dark, electron-dense inclusions within the cytoplasm and nucleus. Some cells appear to be in the process of budding or detachment.

K1240182 - 96W Vero NP645 A4 2dpi 10X

A phase-contrast micrograph showing Vero cells infected with NP645 at 2 days post-inoculation (dpi). The cells show significant cytopathic effects, including cell rounding, clumping, and the presence of numerous small, dark, electron-dense inclusions within the cytoplasm and nucleus. Some cells appear to be in the process of budding or detachment.

K1240171 - 96W Mock Vero C2 2dpi 10X



K1240183 - 96W Vero NP645 A5 2dpi 10X



From: Tamin, Azaibi (CDC/DDID/NCIRD/DVD)
Sent: Tue, 4 Feb 2020 14:11:28 +0000
To: Thornburg, Natalie (CDC/DDID/NCIRD/DVD)
Subject: RE: cpe pictures
Attachments: K1240171 - 96W Mock Vero C2 2dpi 10X.TIF, K1250203 - 96W OP645 A12 3dpi 10X.TIF, K1280003 - 24W NP645 A12 P2 2dpi 10X.TIF

These are CPE scope pics for Passage 1 (96W plate), and passage 2 (24W plate) of the NP645-A12 isolate that was tested for confirmation and exclusive testing. Will shoot the P3 in T75 later.

From: Thornburg, Natalie (CDC/DDID/NCIRD/DVD) <nax3@cdc.gov>
Sent: Monday, February 3, 2020 2:02 PM
To: Tamin, Azaibi (CDC/DDID/NCIRD/DVD) <axt4@cdc.gov>
Subject: cpe pictures

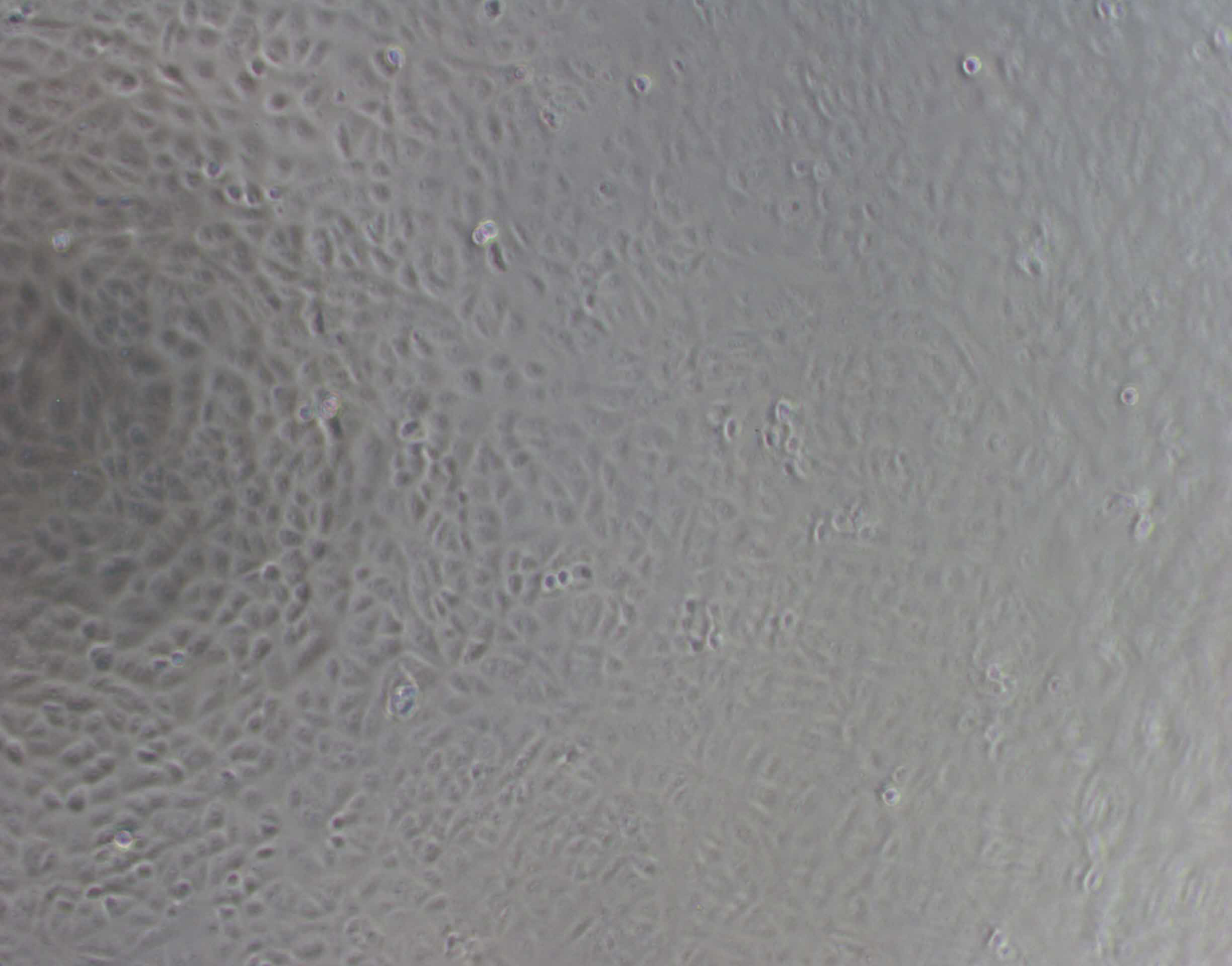
Could you send the original JPEG or TIFF files for your CPE images? I want to start working on a publication quality figure.

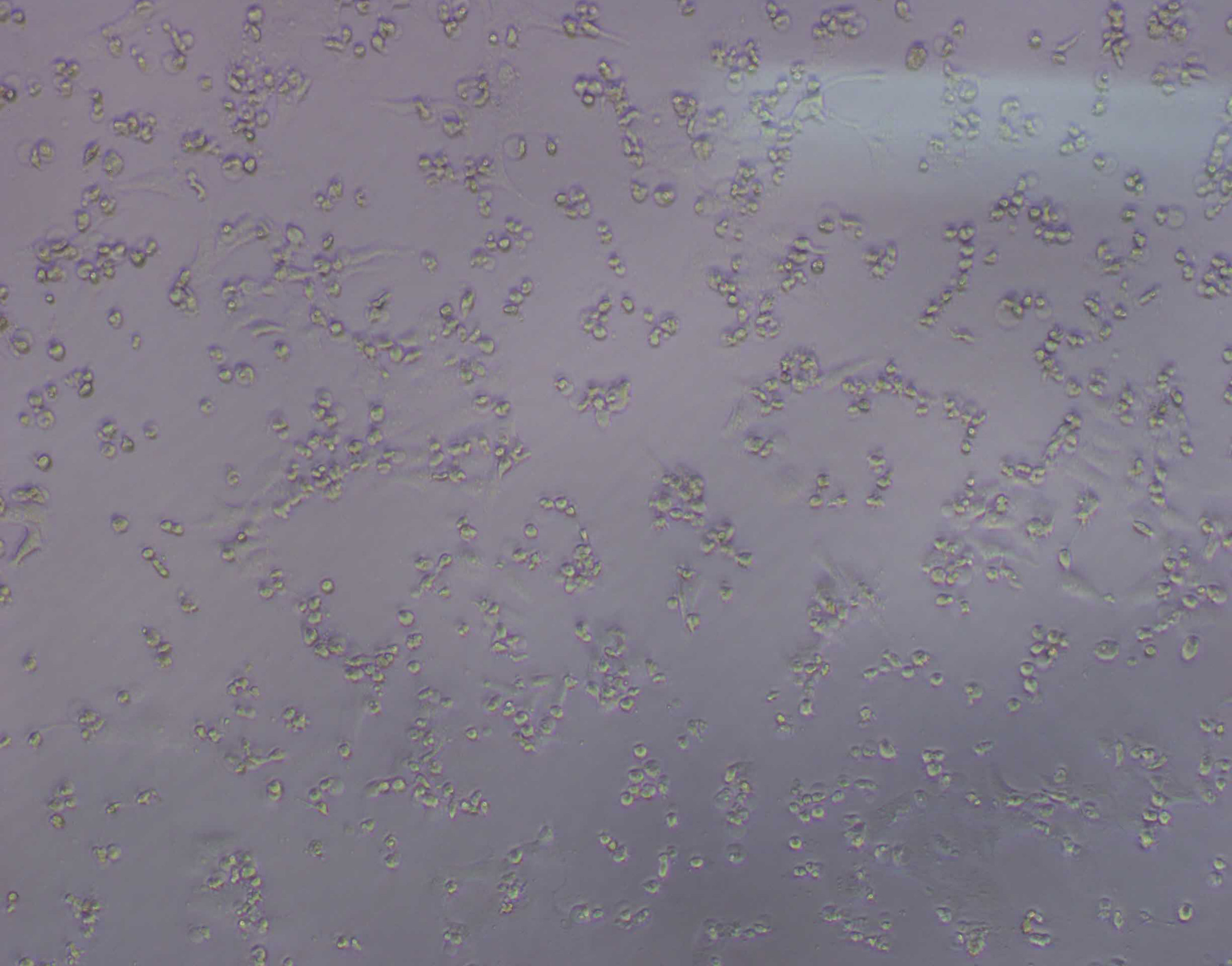
Natalie J. Thornburg, Ph.D.

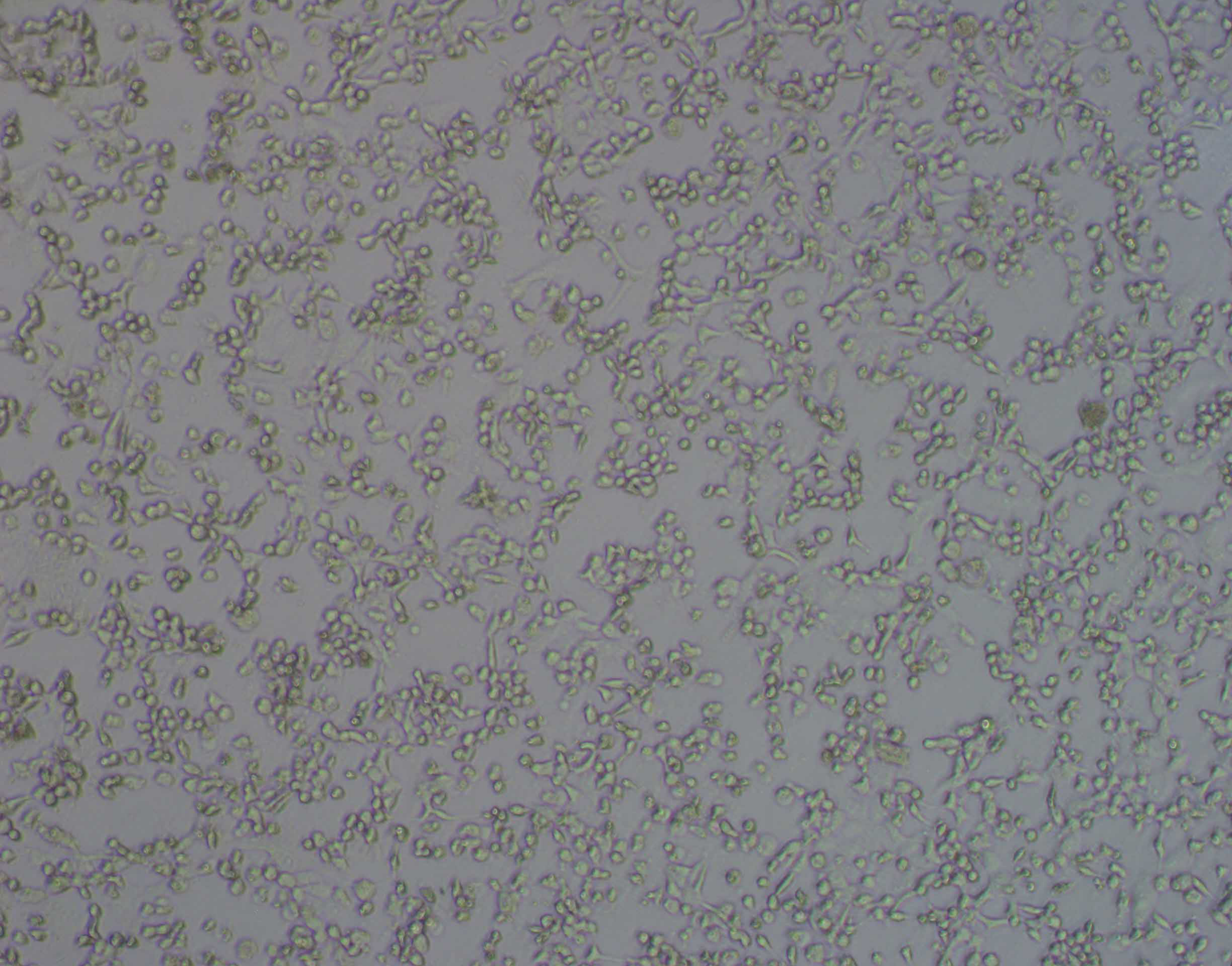
Respiratory virus immunology team lead
Division of Viral Diseases
National Center for Immunization and Respiratory Diseases

Centers for Disease Control and Prevention (CDC)

1600 Clifton Road, NE, Mailstop G-18, Atlanta, GA 30329
404.639.3797 Office | (b)(6) Work Cell | nax3@cdc.gov







>2019-nCoV/USA-WA1-A12/2020 [organism=unclassified betacoronavirus]
unclassified betacoronavirus culture isolate 2019-nCoV/USA-WA1-A12/2020,
complete genome

aTTAAAGGTTTATACCTTCCCAGGTAACAAACCAACCAACTTTTCGATCTCT
TG TAGATCTGTTCTCTAAACGAACTTTAAAATCTGTGTGGCTGTCACTCG
GCTGCATGCTTAGTGCACCTCACGCAGTATAATTAATAACTAATTACTGTC
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ACCCTCTTGAGTGCATTAAGACCTTCTAGCACGTGCTGGTAAAGCTTCA
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