





Authorities also temporarily banned the trade of wild animals in China, an EU body's responding to the outbreak of some

bird and swine meat affected in Wuhan. It considers that virus to have originated from a wild animal, but

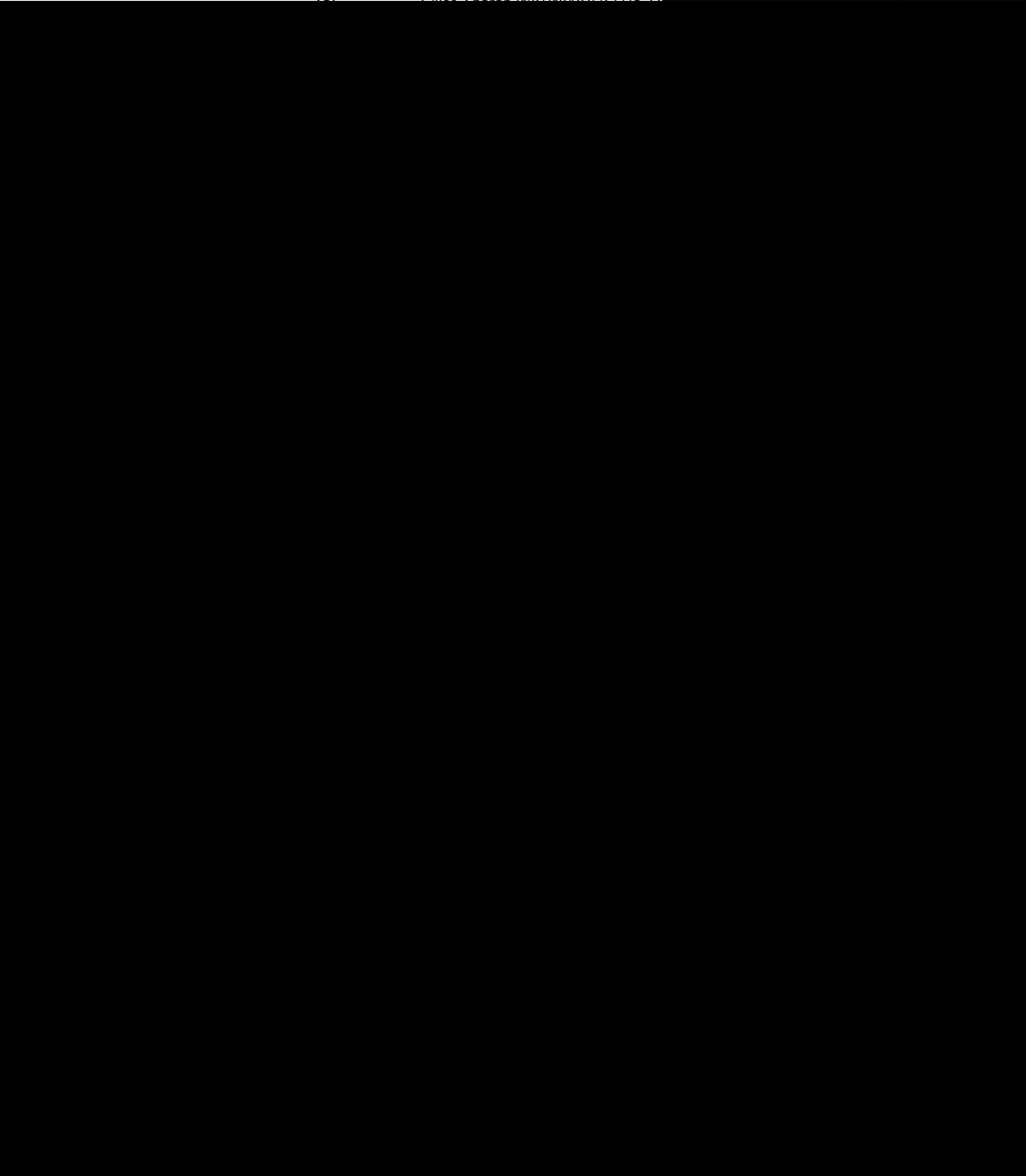
is still unclear how the virus spread to the human population. It is also unclear how the virus spread to other

markets around the world, as the coronavirus outbreak widened.

-----BEGIN PGP MESSAGE-----

-----BEGIN PGP MESSAGE-----

Sent: 1/28/2020 3:14:51 PM  
To: Gilroy, Glenn (NHL/NLAD) [mailto:Gilroy, Glenn (NHL/NLAD)]





January 29, 2020



(b)(4)

Shortly

afterward, a certain coronavirus took over our attention and things have been out of control. I am here about as much



EXCHANGE LABS/OU=EXCHANGE ADMINISTRATIVE GROUP

From:

Kara Harris

ADMINISTRATIVE GROUP/OU=EXCHANGE ADMINISTRATIVE GROUP/OU=EXCHANGE LABS/OU=EXCHANGE ADMINISTRATIVE GROUP

/FYDIBOHF23LNUL

Date:

1/29/2020 7:53:29 AM

Administrative Group

To:

Harris, Kara (NIH/NIAID) [E] [/o=ExchangeLabs/ou=Exchange

Administrative Group

/FYDIBOHF23LNUL/ou=ExchangeLabs/ou=Exchange Administrative Group

Exchange Administrative Group

CC:

Conrad, Patricia (NIH/NIAID) [E] [/o=ExchangeLabs/ou=

Exchange Administrative Group

/FYDIBOHF23LNUL/ou=ExchangeLabs/ou=Exchange Administrative Group

Exchange Administrative Group

Sent: 1/29/2020 2:58:23 PM

Subject: RE: Continued January 29thers Meeting, 3:30 PM - 5:00 PM Agenda

I agree with everything.

Hugh Hugh

Sent: Wednesday, January 29, 2020 10:22 AM

Subject: LWG Continuation: January 30, 10:00 AM - 11:30 AM Agenda

Hi Hugh,

a topics this afternoon, since we have generous time and the Although I did not indicate time allocations for the agenda

One thought (b)(5)

(b)(5)

Best regards,

From: Eric Robert (NIB/ECI) [mailto:eric@nib.eci.gov]

Sent: Friday, August 20, 2010 11:41 AM

Subject: [REDACTED]

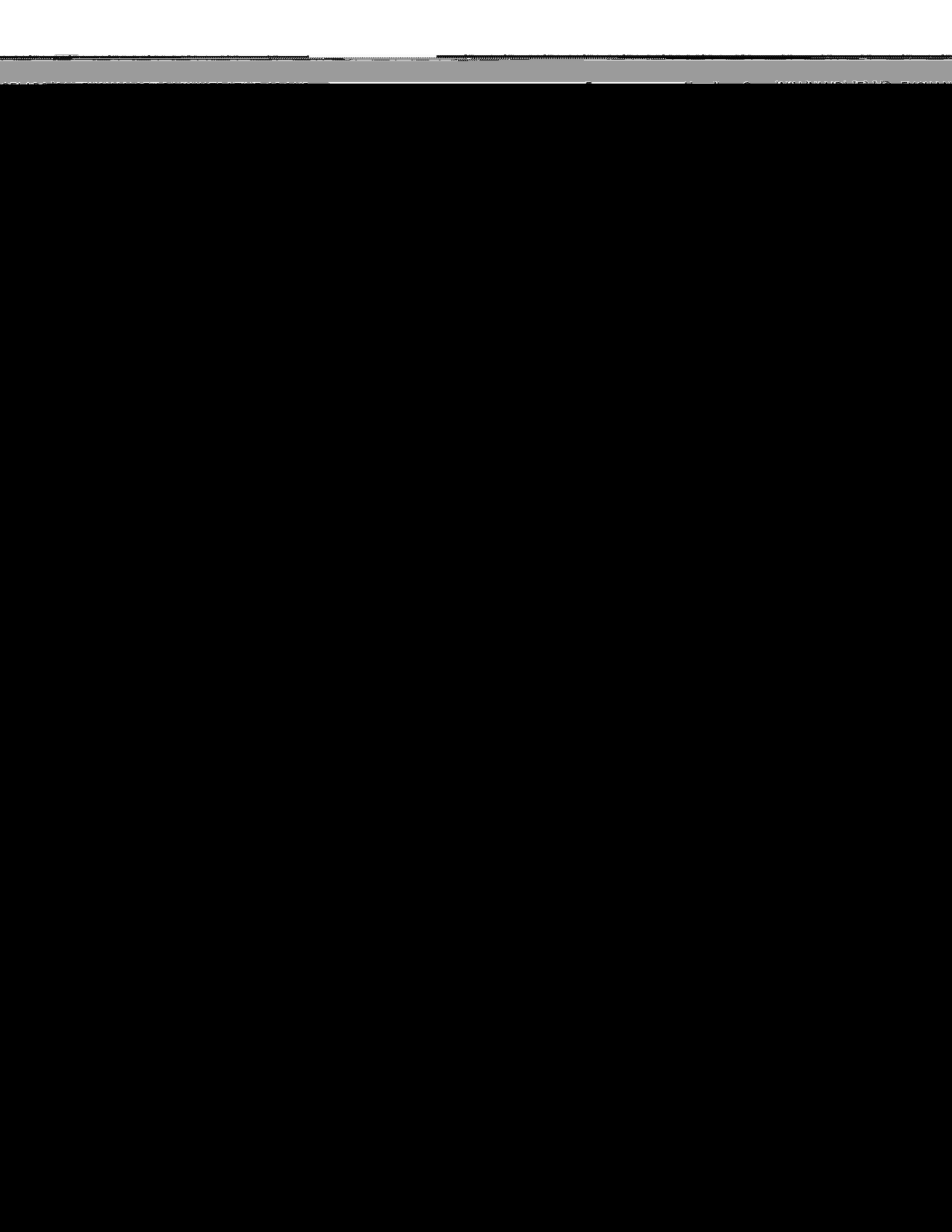
From: [REDACTED]

To: [REDACTED]

Subject: [REDACTED]

[REDACTED]





Withheld pursuant to exemption

(b)(5)



Withheld pursuant to exemption

With

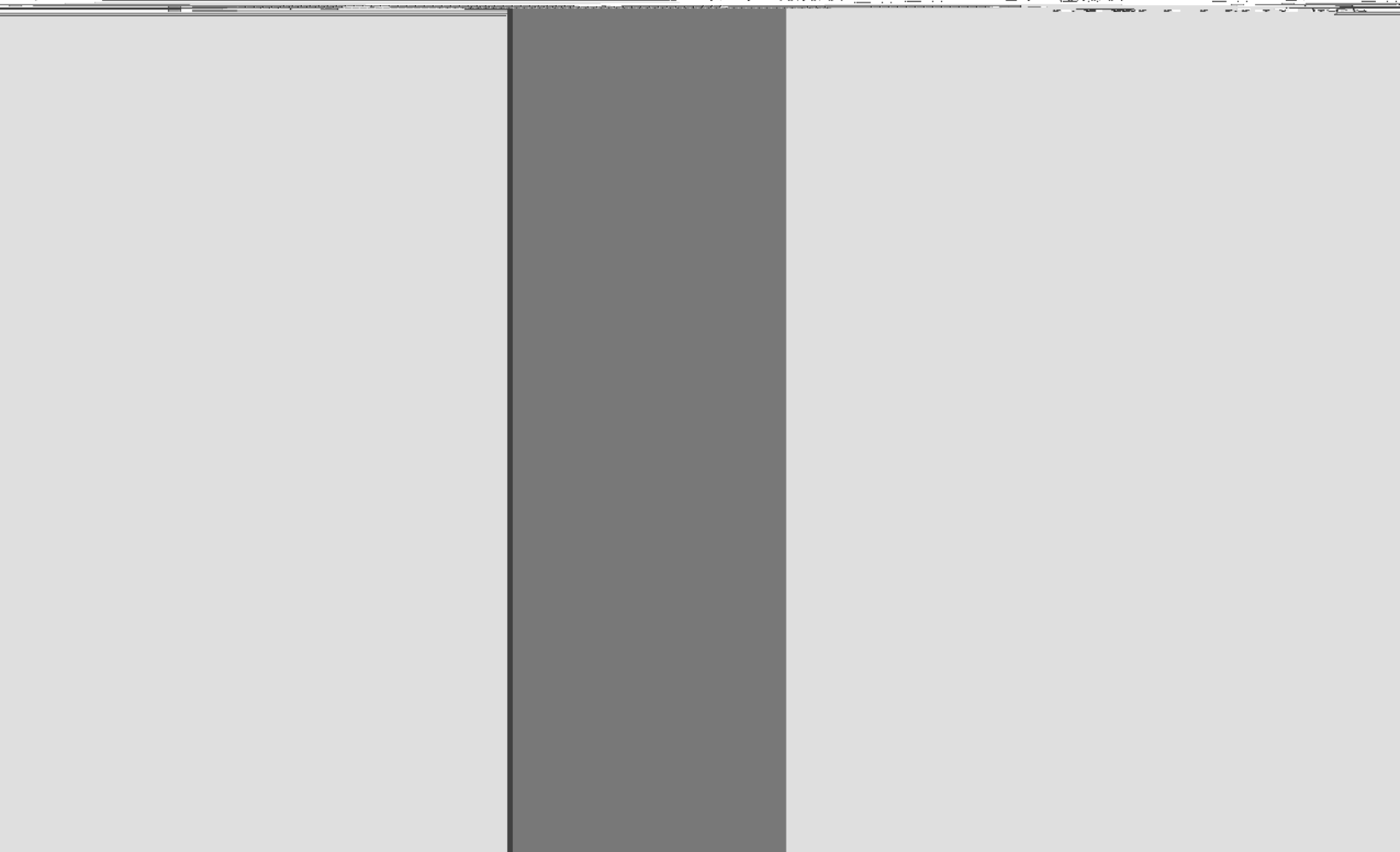
(b)(5)

Freedom of Information and Privacy Act

of the Freedom

Withheld pursuant to exemption

(b)(5)





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From: Moran, David (NIH/NIAD) [E] [/O=EXCHANGE/LABS/OIL-EXCHANGE ADMINISTRATIVE GROUP

02/19/2017 3:49 PM

Sent:

1/31/20

\_\_\_\_\_



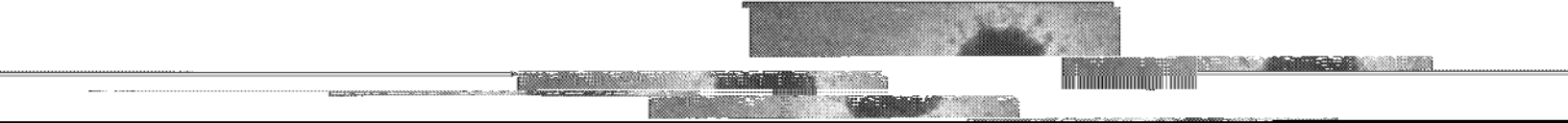


Research Service

INSIGHT

Figure 1. Coronaviruses: Electron Micrograph

Figure



specimens.

mission has been confirmed in the United States.

Although CDC reports that no person-to-person trans-

**AUTHOR INFORMATION**

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Sarah A. Lister

Assistant to Berlin Meehle and Elizabeth

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to congressional committees

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From: Folkers, Greg (NIH/NIAID) [E] [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

Sent: 1/28/2020 4:10:05 PM

To: Auchincloss, Hugh (NIH/NIAID) [E] [/o=ExchangeLabs/ou=Exchange Administrative Group

<http://hit-lv/2040hiH>



technology

computationally

Codagenix Inc.

designed live attenuated virus

CureVac AG

RNA vaccine

Inovio Pharmaceuticals Inc. funded by UNIV vaccine

CEPI

CEPI

Moderna Inc. funded by CEPI

BINA-VAC-01

funded by CEPI)

Novavax Inc.

Protein-based

(recombinant

nanoparticles)

Texas Children's Hospital Center for Vaccine Development at

investigating

investigating

University of Saskatchewan's Vaccine

University of Saskatchewan's Vaccine

vaccine and/or

University of Saskatchewan's Vaccine

university

University of Saskatchewan's Vaccine

vaccine]

University of Saskatchewan's Vaccine

by CEPI)

University of Saskatchewan's Vaccine

Protein-based

From: HOKE'S CHILDREN'S CENTER, 2001 MOUNTAIN BLVD, DEERFIELD, IL 60015, USA

VPIDBUE7R5P2L70N-REGIOTENUSCNF50G92480A765A8170A87245B70B066A06ERSU

Sent: 1/28/2020 4:11:15 PM

But he said it could take up to a year to bring it to market. "We have dozens of functions that are working on this now," he said.

Confidence in the market has been shaken by the fall in oil prices. "We have dozens of functions that are working on this now," he said.



With Best Regards,

Shoji MIYAGAWA  
AMED, Tokyo

Sent: Friday, January 24, 2020 1:46 PM

Dear Shoji san,

We would be very interested in having a conference call with the  
scientists who are involved in research  
separately and to discuss what we might more efficiently do together.

Gray



> Aikichi

---

ANF1 (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2D7F368A3137473B8CF161547A82F2DE-C



01/21/20

Start:

3/9/2020 5:00:00 PM

End:

3/9/2020 4:00:00 PM

3/9/2020 4:00:00 PM

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Recurrence: /asal

reference: (10/10)



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Start: 3/30/2020 12:00:00 PM

End: 3/30/2020 12:00:00 PM

Check Time As Busy

recurrence: (none)





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End: 4/27/2020 8:00:00 PM  
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4/2020 6:00:00 PM

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Start: 5/

END: 5/4/2020 E:

Show Time As: Busy

Recurrence: (none)

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Start: 5/11/2020 5:00:00 PM

End: 5/11/2020 6:00:00 PM

Show time As: Busy

Recurrence: (none)



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Start: 6/27/2020 6:00:00 PM

End: 6/27/2020 7:00:00 PM

Show Time As: Busy

Recurrence: (none) recurrence: (none)

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Start: 3/10/2020 6:00:00 PM  
End: 3/10/2020 7:00:00 PM

Show Time As: Busv,

Recurrence: (none)

Start: 3/31/2020 6:30:00 PM

3/31/2020 6:30:00 PM

3/31/2020 7:30:00 PM

Show Time As: Busy

Recurrence: (none)

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**Start:** 4/7/2020 1:00:00 PM

**End:** 4/7/2020 2:00:00 PM

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**Recurrence:** (none)

Start: 4/18/2020 4:00:00 PM  
End: 4/18/2020 5:00:00 PM  
Show Time As: Busy

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Start: 4/24/2020 20:00:00

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End: 4/24/2020 20:00:00

Duration: (none)

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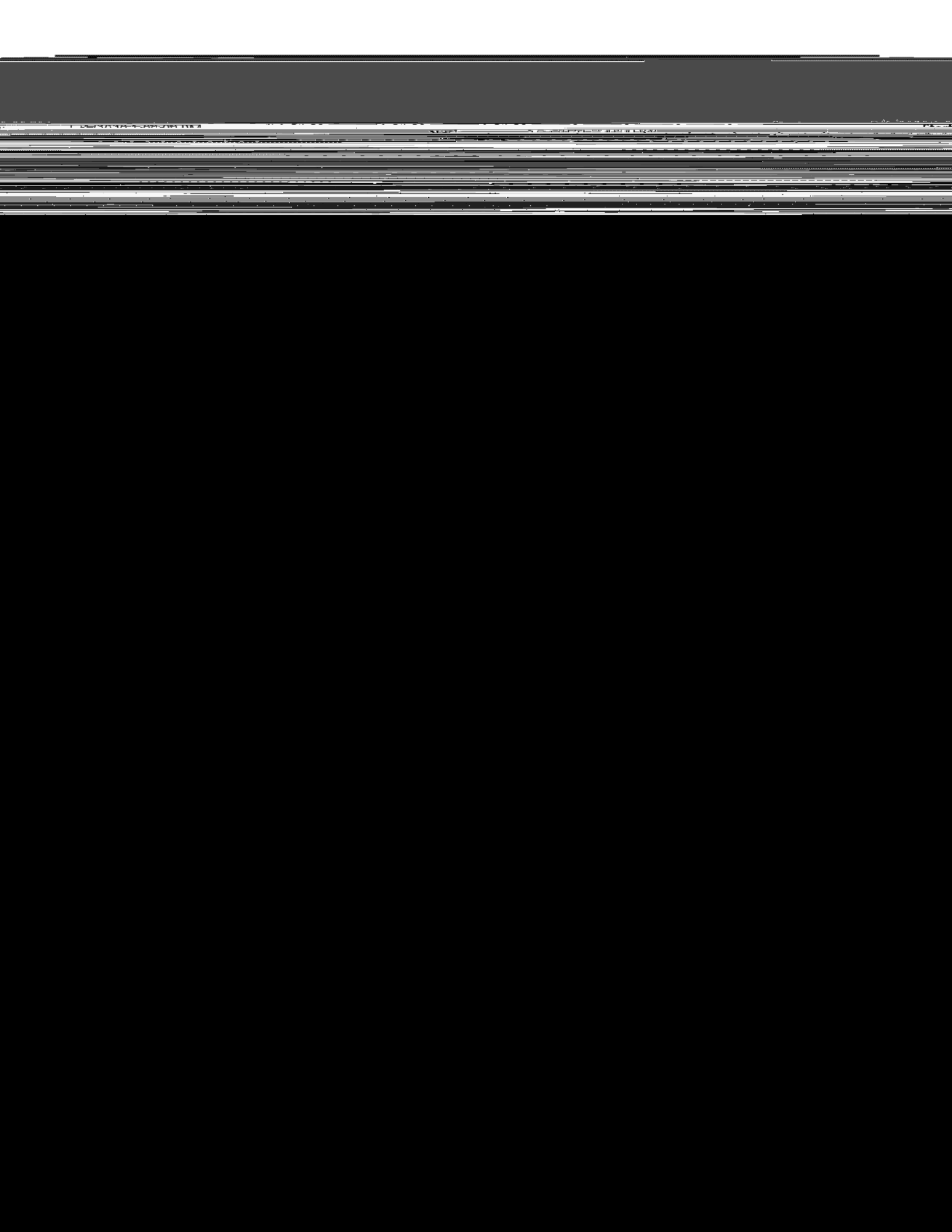
End:

4/28/2020 3:00:00 PM

END: 4728F2F20-42UG:UG PIV;

Show Time As: Busy

Recurrence: (none)





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Jobs:

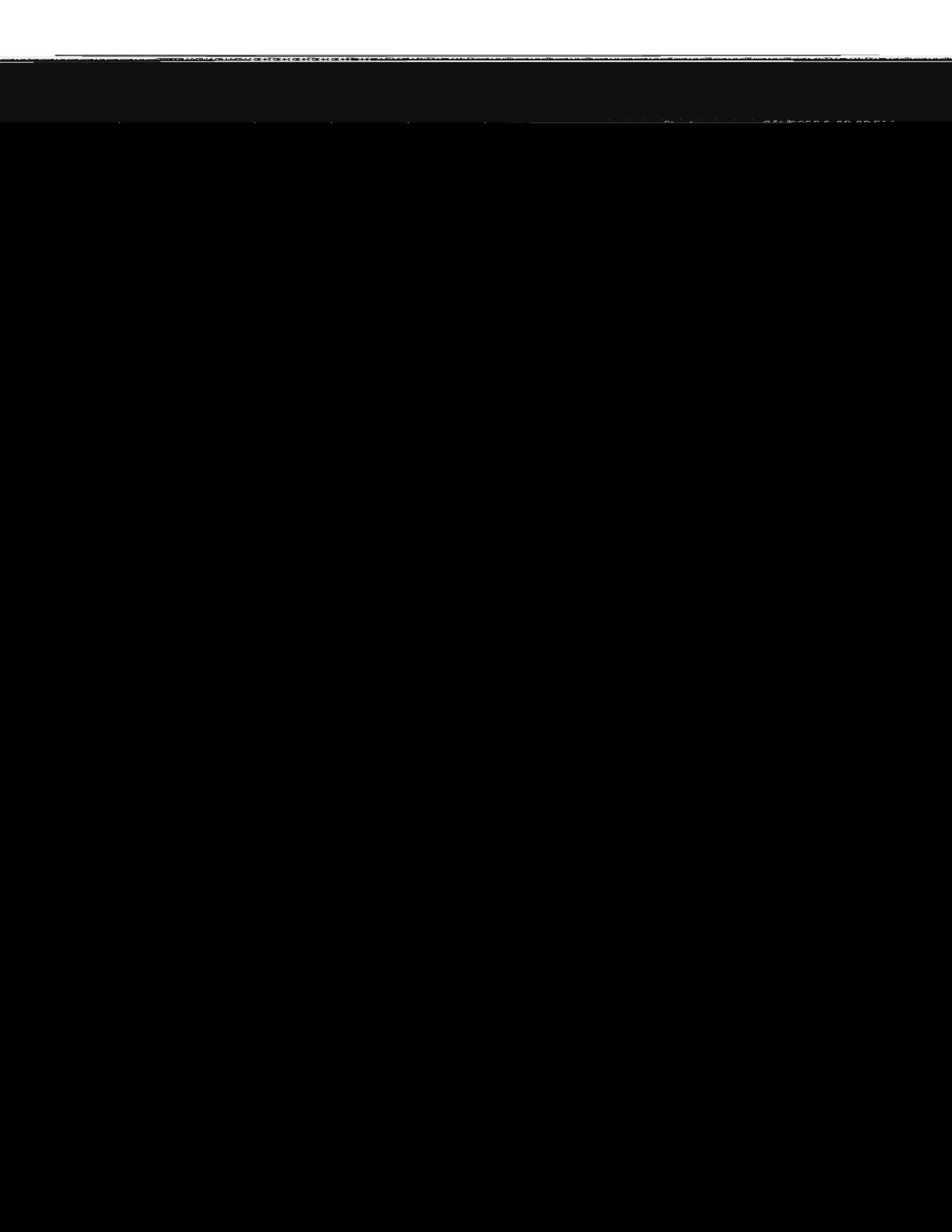
01/27/2020 0:00:00-1:00:00

Start

01/27/2020 0:00:00-1:00:00

End:

5/5/2020 7:00:00-PM





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**Start:** 6/18/2020 5:00:00 PM  
**End:** 6/18/2020 6:00:00 PM  
**Show Time As:** Brief

**Recurrence:** (none)

Start: 6/24/2020 5:00:00 PM  
End: 6/24/2020 6:00:00 PM

Time As: Busy

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End: 7/12/2020 3:00:00 PM

End: 7/12/2020 3:00:00 PM

Show Time As: Busy

Recurrence: (none)

