

National Institutes of Health Freedom of Information Office Building 31, Room 5B-35 31 Center Drive, MSC 2107 Bethesda, Maryland 20892-2107 phone: (301) 496-5633 fax: (301) 402-4541

via Email: foia@sirillp.com

September 15, 2021

Aaron Siri, Esq. Siri & Glimstad LLP 200 Park Avenue Seventeenth Floor New York, NY 10166

Re: NIH FOIA Case Nos.: 54106, 53963 & 54107; ICAN v. National Institutes of Health, No. 20-cv-01277

Dear Mr. Siri:

This is a partial response to Freedom of Information Act (FOIA) requests that are the subject of the Complaint filed in *ICAN v. National Institutes of Health*, No. 20-cv-01277. Your FOIA request, dated April 29, 2020, was received by the National Institutes of Health (NIH) on the same day.

You requested the following for the timeframe of November 1, 2019 through the date of the search for:

All emails sent or received by Anthony Fauci that include the term Moderna or mRNA-1273 in any portion of the email, including the body, subject, metadata, sender line, or recipient line of the email, or any attachment to the email.

and

All emails sent or received by Barney Graham that include the term SARS-CoV, COVID, COVID-19 or coronavirus in any portion of the email, including the body, subject, metadata, sender line, or recipient line of the email, or any attachment to the email.

NIH has processed 204 pages responsive to your request 53693, consisting of the entirety of the email correspondence for that request. Attached to this letter are 127 pages; NIH has sent the remaining 77 pages to the Department of Health and Human Services, the Centers for Disease Control and the White House for further review. NIH will provide a further response regarding

Page 2 – Mr. Siri (NIH FOIA Case Nos.54106, 53963 & 54107, ICAN v. National Institutes of Health, No. 20-cv-01277)

the consulted material once the consultations are complete. NIH has processed and attached 98 pages responsive to your request 54107. Also attached are 7 pages of returned consults from the July 2021 production to request 54106.

I have determined to withhold portions of the enclosed pages under FOIA exemptions (b)(4), (b)(5) and (b)(6). The information being withheld is protected from release pursuant to Exemptions 3, 4, 5, and 6 of the FOIA, 5 U.S.C. § 552 (b)(4), (b)(5) and (b)(6); and sections 5.31 (d), (e) and (f) of the HHS FOIA Regulations, 45 CFR Part 5. Exemption 4 protects from disclosure trade secrets and commercial or financial information that is privileged and confidential. Exemption 5 permits the withholding of internal government records which are pre-decisional and contain staff advice, opinion, and recommendations, as well as documents solicited and received by the President or his immediate White House advisers who have broad and significant responsibility for investigating and formulating the advice to be given to the President. Exemption 6 permits the withholding of privacy information, the release of which would constitute a clearly unwarranted invasion of personal privacy.

If you have any questions about this response, please contact AUSA Morrison, of the Department of Justice, at Kristina.Morrison@usdoj.gov.

Sincerely,

for Gorka Garcia-Malene Freedom of Information Officer, NIH

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Mon, 20 Apr 2020 21:52:37 +0000

 To:
 Roberts, Jacqueline (NIH/OD) [E]

Cc: Wanjek, Christopher (NIH/OD) [E];Gottesman, Michael (NIH/OD) [E]

Subject: RE: Your COVID-19 talk on Wednesday

Attachments: graham-vrc-cv 2020.docx, GRAHAM - Short bio 2020 V2.docx

See below...

From: Roberts, Jacqueline (NIH/OD) [E] (b) (6) >

Sent: Monday, April 20, 2020 5:21 PM

To: Graham, Barney (NIH/VRC) [E] (b) (6) >

Cc: Wanjek, Christopher (NIH/OD) [E] (b) (6) ; Gottesman, Michael (NIH/OD) [E]

Subject: Your COVID-19 talk on Wednesday

Dear Dr. Graham,

We are looking forward to your lecture on Wednesday. There are a few additional items that I need from you in order to finalize the planning of the event.

1. Do you have time tomorrow, Tuesday, April 21 for a 15 minute WebEx test? If so, please let me know your preferred time.

Looks like 2PM could work.

- Can you please send me your CV? Steve Holland is planning to introduce you at the talk.CV attached, but also a brief bio. He doesn't need to say too much.
 - 3. We're planning to offer CME credit at your lecture. Can you please submit your disclosure online? Instructions below at the bottom of my message.

OK, will do.

Thanks so much, Jackie

Jacqueline Roberts
Office of Intramural Research

Complete your disclosure online on Hopkins Cloud CME (JHU manages our CME program).

Go to the Hopkins CloudCME website at: https://hopkinscme.cloud-cme.com/aph.aspx

 If you have an account, sign in with your user name and password (top left of screenshot) scroll down to the bottom of the page, click the blue disclosure button

- If you do not have an account, click the Sign Up button (yellow) and once signed up, follow the steps above
- o If you need help contact cmetechsupport@jhmi.edu



From: "Roberts, Jacqueline (NIH/OD) [E]" < (b) (6) >

Date: Thursday, April 16, 2020 at 4:32 PM

To: "Graham, Barney (NIH/VRC) [E]" < (b) (6)

Subject: Your COVID-19 Lecture Series talk next week

Dear Dr. Graham,

I'm helping with some of the logistics for your COVID-19 lecture next week. I have your lecture title and I'm wondering if you can send me a short lecture summary.

Also, we need to set up a time on Tuesday, April 21 to test the WebEx and videocast stream. What time works best for you? We can be completely flexible.

Thanks so much, Jackie
 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Fri, 24 Apr 2020 19:42:58 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: Keystone eSymposia - Vaccinology in the Age of Pandemics: Strategies Against

COVID-19 & Other Global Threats

Attachments: Vaccinology Detailed Schedule.docx

From: Graham, Barney (NIH/VRC) [E]
Sent: Thu, 12 Mar 2020 19:13:12 +0000

To: Graham, Barney (NIH/VRC) [E];Bok, Karin (NIH/VRC) [E];Morabito, Kaitlyn (NIH/VRC) [E];Corbett, Kizzmekia (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Daucher, Marybeth (NIH/NIAID) [E];Harris, Christina (NIH/NIAID) [E];Wilson, Hope (NIH/VRC) [E];Gupta, Shanker (NIH/VRC)

[E]; Mueller, Mark (NIH/NIAID) [E]; Carlton, Kevin (NIH/VRC) [E]; Gall, Jason (NIH/VRC) [C]

Cc: Young, Monique (NIH/VRC) [E];Reilly, Deborah (NIH/VRC) [E];Chapman, Latanya (NIH/VRC) [C];Grier, Shardae (NIH/VRC) [E];Mittelman, Abraham (NIH/VRC) [C];Gama, Lucio (NIH/VRC)

[C]

Subject: VRC Internal-Coronavirus Budget/Plan Discussion ** CONFIRMATION ** -

CHANGE OF GOTO INFORMATION

Attachments: Coronavirus Budget DRAFT 13MAR2020.xlsx

PLEASE NOTE CHANGE OF GOTO INFORMATION

**CONFIRMATION **

Title of Meeting: VRC Internal-Coronavirus Budget/Plan Discussion

Principal Meeting Organizer: Gabriela Alvarado

Goal of Meeting: To discuss potential spending plan and budget for newly acquired Coronavirus

funding.

Date: 3/17/20 Time: 12:00PM Allotted Time: 1 hour

, ND

Location: 40/2ND Floor Conference Room

VRC Participants: Barney Graham, Karin Bok, Kaitlyn Morabito, Kizzmekia Corbett, Gabriela Alvarado, Marybeth Daucher, Christina Harris, Hope Wilson, Shanker Gupta, Mark Mueller,

Kevin Carlton (Remotely) and Jason Gall (Remotely)

Agenda items:

- 1. Introductions
- 2. Discussion of potential VRC Coronavirus Budget.

Thank you, LaTanya

(b) (6

Meeting Anytime (K)

Please join my meeting from your computer, tablet or smartphone.

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You can also dial in using your phone.

United States (Toll Free):	(b) (6)	
United States:	(b) (6)	
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New to GoToMeeting? Get th	e app now and be ready when your first meeting s	starts:
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 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Sun, 15 Mar 2020 20:00:54 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: Science Facebook Live on SARS-CoV-2 Vaccine - Drs. Graham and McLellan

Graham, Barney (NIH/VRC) [E] From: Sent: Tue, 17 Mar 2020 18:41:47 +0000

Graham, Barney (NIH/VRC) [E]; Bok, Karin (NIH/VRC) [E]; Morabito, Kaitlyn (NIH/VRC) [E];Corbett, Kizzmekia (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Daucher, Marybeth (NIH/NIAID) [E]; Harris, Christina (NIH/NIAID) [E]; Wilson, Hope (NIH/VRC) [E]; Gupta, Shanker (NIH/VRC) [E];Mueller, Mark (NIH/NIAID) [E];Carlton, Kevin (NIH/VRC) [E];Gall, Jason (NIH/VRC) [C];Gama, Lucio (NIH/VRC) [C]; McDermott, Adrian (NIH/VRC) [E]

Young, Monique (NIH/VRC) [E]; Chapman, Latanya (NIH/VRC) [C]; Grier, Shardae Cc:

(NIH/VRC) [E]; Glover, Lori (NIH/VRC) [C]; Mittelman, Abraham (NIH/VRC) [C] Subject: VRC Internal-Coronavirus Budget/Plan Discussion 2

** CONFIRMATION **

Title of Meeting: VRC Internal-Coronavirus Budget/Plan Discussion 2

Principal Meeting Organizer: Christina Harris

Goal of Meeting: To discuss potential spending plan and budget for newly acquired Coronavirus

funding.

Date: 3/25/20 Time: 10:00AM Allotted Time: 1 hour

Location: 40/Conference Room 1207

VRC Participants: Barney Graham, Karin Bok, Kaitlyn Morabito, Kizzmekia Corbett, Gabriela Alvarado, Marybeth Daucher, Christina Harris, Hope Wilson, Shanker Gupta, Mark Mueller,

Kevin Carlton, Jason Gall, Adrian McDermott and Lucio Gama

Agenda items:

- 1. Introductions
- 2. Discussion of potential VRC Coronavirus Budget.

Thank you,					
LaTanya					
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*********	******	****			
Meeting Anytime					
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United States:	(b) (6)				
Access Code: (b) (6)					

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From: Graham, Barney (NIH/VRC) [E] **Sent:** Tue, 17 Mar 2020 21:14:19 +0000

To: Graham, Barney (NIH/VRC) [E]; Morabito, Kaitlyn (NIH/VRC) [E]; Alvarado,

Gabriela (NIH/VRC) [C];Bok, Karin (NIH/VRC) [E];Chiuchiolo, Maria (NIH/NIAID) [C]

Cc: Young, Monique (NIH/VRC) [E]; Chapman, Latanya (NIH/VRC) [C]

Subject: Call with Maria J. Chiuchiolo, Ph.D.

Attachments: Chiuchiolo.CV..pdf

CONFIRMATION

Title of Meeting: Call with Maria Chiuchiolo **Principal Meeting Organizer**: Barney Graham

Goal of Meeting: Introduction with Maria Chiuchiolo.

Date: Tue Mar 24th 2020

Time: 4:00 pm

Allotted Time: 30 minutes

Location: Virtual (Goto Meeting)

VRC Participants: Barney Graham (tentative), Kaitlyn Morabito, Gabriela Alvarado, and Karin Bok

NIAID Participant: Maria Chiuchiolo

Agenda: None

Thanks Monique

Meeting Anytime

Please join my meeting from your computer, tablet or smartphone.

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United States: (b) (6)

Access Code: (b) (6)

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 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Wed, 18 Mar 2020 18:03:57 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

 Subject:
 PI Meeting - **CONFIRMED**

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From: Austin, Sarah (NIH/NIAID) [E]
                                                          (b) (6)
Sent: Monday, March 16, 2020 3:17 PM
To: Boritz, Eli (NIH/NIAID) [E]
                                                   (b) (6); Carlton, Kevin (NIH/VRC) [E]
                   (b) (6)'>; Chen, Grace (NIH/NIAID) [E]
                                                                            (b) (6) Daucher, Marybeth
                                      (b) (6)>; Douek, Daniel (NIH/VRC) [E]
                                                                                               (b) (6), ; Gall,
(NIH/NIAID) [E]
                                       (b) (6) Gama, Lucio (NIH/VRC) [C]
                                                                                         (b) (6) >; Graham,
Jason (NIH/VRC) [C]
                                           (b) (6)'>; Harris, Christina (NIH/NIAID) [E]
Barney (NIH/VRC) [E]
                        (b) (6) Koup, Richard (NIH/VRC) [E]
                                                                             (b) (6)'>: Kwong, Peter
                                  (b) (6) >; Ledgerwood, Julie (NIH/NIAID) [E]
                                                                                                    (b) (6)
(NIH/VRC) [E]
                                                  (b) (6) >; McDermott, Adrian (NIH/VRC) [E]
Mascola, John (NIH/VRC) [E]
                          (b) (6); Mittelman, Abraham (NIH/VRC) [C]
                                                                                           (b) (6); Roederer,
Mario (NIH/VRC) [E]
                                        (b) (6); Scorpio, Diana (NIH/VRC) [E]
                                                                                                  (b) (6);
Seder, Robert (NIH/VRC) [E]
                                                (b) (6); Stein, Judy (NIH/VRC) [C]
                                                                                                  (b) (6)>;
                                                (b) (6); Tramont, Ed (NIH/NIAID) [E]
Sullivan, Nancy (NIH/VRC) [E]
                     (b) (6)/>; Lindsay, David (NIH/NCI) [C] <
                                                                              (b) (6) >; Abe, Ken (NIH/VRC)
                 (b) (6) >; Bok, Karin (NIH/VRC) [E]
                                                                    (b) (6); Vazquez, Sandra (NIH/VRC) [C]
[C] <
                       (b) (6); Prince, Tasheema (NIH/VRC) [C]
                                                                                        (b) (6) Hirsch, Marie
(NIH/VRC) [E]
Cc: VRC Program Managers < VRCProgramManagers@mail.nih.gov>
Subject: VRC Senior Staff Meeting 3/19 @ 12PM
```

Good afternoon – we will hold a full Senior Staff meeting this Thursday, March 19, 12-2PM via Zoom. The majority of the meeting will be reviewing COVID-19 related activities. Please send me any specific agenda items in advance.

You should plan to review and test Zoom on your laptop, desktop, or mobile device prior to joining Thursday's meeting. If you've never used Zoom before, you'll be prompted to download the app before the meeting will open. Please review this tutorial on how to join a Zoom meeting, along with other helpful links and info, can be found at https://support.zoom.us/hc/en-us/articles/201362193-How-Do-I-Join-A-Meeting-. Please let me know if you have any questions, or need help troubleshooting Zoom in advance of the meeting. You are encouraged to use your video so we can see people in real-time when you join the meeting.

VIDEO/TELECONFERENCE:

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Meeting ID: (b) (6)

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US (Chicago)
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Dial by your location

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(b) (6) US (New York)
US (Chicago)
US (San Jose)
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US
US
US
(Houston)
Meeting ID:
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Thank you, Sarah

Sarah Austin, M.S.

VRC Training Coordinator and
Special Assistant to the Director
Office of the Scientific Director
Vaccine Research Center
NIAID/NIH
40 Convent Drive
Building 40, (b) (6)
Bethesda, MD 20892
(b) (6)

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From: Sent:	Graham, Barney (NIH/VRC) [E] Fri, 20 Mar 2020 17:30:46 +0000
To: [C];Alvarado, Gabriela (Bok, Karin (NIH/VRC) [E]; Morabito, Kaitlyn (NIH/VRC) [E]; Gall, Jason (NIH/VRC) NIH/VRC) [C]; Chapman, Latanya (NIH/VRC) [C]; Young, Monique (NIH/VRC) /VRC) [E]; Suhana, Tina (NIH/VRC)
[E];	(b) (6)
;E Kizzmekia (NIH/VRC) [E Cc: Subject: Attachments:	Rryan Edward Jones;Julian Davies;Jonathan E Snyder;Allison S Kennington;Corbett];
** CONFIRMATION ** Title of Meeting: Lilly/A Principal Meeting Orga Alvarado	bCellera Follow Up Discussion mizer: Gabriela
Goal of Meeting:	(b) (4),
Date: 3/26/20 Time: 1:00PM Allotted Time: 1 hour Location: Virtual (Goto VRC Participants: Barne Gall and Gabriela Alvara AbCellera Participants: Eli Lilly Participants: Kri	Meeting) ey Graham, Kizzmekia Corbett, Karin Bok, Kaitlyn Morabito, John Mascola, Jason
Meeting Anytime	
Please join my meeting	g from your computer, tablet or smartphone. (b) (6)
You can also dial in usi United States (Toll Free United States:	
Access Code: (b) (6)
New to GoToMeeting?	Get the app now and be ready when your first meeting starts: (b) (6)

From: Graham, Barney (NIH/VRC) [E]
Sent: Thu, 2 Apr 2020 18:46:47 +0000

To: Morabito, Kaitlyn (NIH/VRC) [E];Bok, Karin (NIH/VRC) [E];Corbett, Kizzmekia (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Carlton, Kevin (NIH/VRC) [E];Gall, Jason (NIH/VRC) [C];Petrik, Amy (NIH/NIAID) [E];Stein, Judy (NIH/VRC) [C] (b) (6);Chapman,

Latanya (NIH/VRC) [C]; Young, Monique (NIH/VRC) [E]; Grier, Shardae (NIH/VRC) [E]

Subject: CoV Collaboration with Medigen Discussion

** CONFIRMATION **

Title of Meeting: CoV Collaboration with Medigen Discussion

Principal Meeting Organizer: Gabriela Alvarado

Goal of Meeting: To discuss (b) (4), in vivostudies and future plans.

Date: 4/3/20 Time: 4:00PM

Allotted Time: 1 hour

Location: Virtual (Zoom Meeting)

VRC Participants: Kaitlyn Morabito, Karin Bok, Kizzmekia Corbett, Barney Graham, Gabriela

Alvarado, Kevin Carlton, Jason Gall, Amy Petrik and Judy Stein

Medigen Participant: Michael Malison

Agenda:

1. Introduction

(ъ) (4)

Thanks, LaTanya

Join Zoom Meeting

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Meeting ID: (b) (6)

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Dial by your location

(New York)
US (Chicago)
US
US (Houston)
US (San Jose)
US

Meeting ID: (b) (6)

Find your local number: https://zoom.us/u/aej80aTQLj

From:	Graham, Barney (NIH/VRC) [E]	
Sent:	Mon, 6 Apr 2020 03:27:49 +0000	L(NULLA/DC) [F1:C-II I
To:	Graham, Barney (NIH/VRC) [E];Koup, Richard Kevin (NIH/VRC) [E];Morabito, Kaitlyn (NIH/VR	7.7
	NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];	
Mossman;Rebecca	with viter [E], Alvarado, Gabriela (With viter [E],	(b) (6)
		Stein, Judy (NIH/VRC)
[C];Petrik, Amy (NIH/N	IAID)	Considerated for a revision of the state of
[E]		(b) (6)
Cc:	Young, Monique (NIH/VRC) [E]; Chapman, Lat	anya (NIH/VRC) [C];Thompson,
Danielle (NIH/NIAID) [E];Grier, Shardae (NIH/VRC) [E];	(6) (6);Suhana, Tina
(NIH/VRC) [E]; Austin, S	arah (NIH/NIAID) [E]	
Subject:	VRC-GSK Discussion	(b) (4)
Please note the dial in ********** **CONFIRMATION**		
Title of Meeting: VRC-	GSK Discussion	(b) (4)
Principal Meeting Orga		
Goal of Meeting: To sh		(b) (4)
Date: Fri Apr 10 th 2020	0	
Time: 3:30 pm		
Allotted Time: 1 Hour		
Location: Virtual (Zoor	m Meeting)	
VRC Participants: John	n Mascola, Barney Graham, Rick Koup, Jason G	all, Kevin Carlton, Kaitlyn Morabito,
	cy Ruckwardt, Gabriela Alvarado, Karin Bok, an	nd Judy Stein
Other NIAID Participar	The same of the sa	
	Mossman, Rebecca Farkas, Matt Bottomley, I	_
	Gillian Fenton, Ilaria Pastorello, and Eric Kron	
Agenda:		
-Introductions		(b) (4)
		(5) (7)
-Adjourn		
Thanks Manisus		
ThanksMonique (b) (6)		

-- Do not delete or change any of the following text. --

Join Webex Meeting

Meeting number (access code):

Join from a video system or application

Dial

(b) (6) and enter your meeting number. You can also dial

Join by phone

Tap to call in from a mobile device (attendees only)

(b) (6) United Kingdom toll

SA/Canada toll

Global call-in numbers | Toll-free calling restrictions

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Mon, 13 Apr 2020 18:04:28 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: Inaugural COVID-19 Lecture Series Talk - Dr. Hilary Marston, NIAID - The

Biomedical Research Response to COVID-19: A View from NIAID

Attachments: Time change for today's COVID-19 Lecture with Hilary Marston (now at 2:00

p.m. ET)

From: Jacqueline Roberts

Sent: Wed, 15 Apr 2020 10:04:51 -0400

To: NIH-STAFF@LIST.NIH.GOV

Subject: Time change for today's COVID-19 Lecture with Hilary Marston (now at 2:00

p.m. ET)

Today's inaugural COVID-19 lecture series talk will now begin at 2:00 p.m., rescheduled from 1:00 p.m. See below for additional information.

Please join us for a special remote lecture, "The Biomedical Research Response to COVID-19: A View from NIAID," by Hilary D. Marston, M.D., M.P.H., on Wednesday, April 15, from 2:00 to 3:00 p.m. via http://videocast.nih.gov.

The presentation is the first in new series of coronavirus-related lectures organized by the COVID-19 Scientific Interest Group and the NIH Office of Intramural Research. The lectures will take place on Wednesday afternoons.

To watch this lecture live, visit http://videocast.nih.gov. This lecture is open to the public. The lecture also will be archived on the NIH Videocast website, should you not be able to watch live or have difficulty watching at the time of the event.

Registration is not required. Individuals with disabilities who need reasonable accommodation to participate in this event should contact Jacqueline Roberts, (b) (6), or the Federal Relay, 800-877-8339.

- The COVID-19 SIG Moderators

For more information about the COVID-19 Scientific Interest Group, refer to https://oir.nih.gov/sigs/covid-19-scientific-interest-group.

From: Graham, Barney (NIH/VRC) [E]
Sent: Tue, 14 Apr 2020 14:55:34 +0000

To: Graham, Barney (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Corbett, Kizzmekia (NIH/VRC) [E];Morabito, Kaitlyn (NIH/VRC) [E];Carlton, Kevin (NIH/VRC) [E];Ruckwardt, Tracy (NIH/VRC) [E];Roederer, Mario (NIH/VRC) [E];Sullivan, Nancy (NIH/VRC) [E];Seder, Robert (NIH/VRC) [E];Moore, Ian (NIH/NIAID) [E];Young, Monique (NIH/VRC) [E];Grier, Shardae (NIH/VRC) [E];Pringle, Lydia (NIH/VRC) [C];Chu, Gloria (NIH/VRC) [C];Nguyen, Tram (NIH/VRC) [C];Chapman, Latanya (NIH/VRC) [C] Cc: Scorpio, Diana (NIH/VRC) [E];Todd, John-Paul (NIH/VRC) [E];Foulds, Kathryn

(NIH/VRC) [E]; Ian Moore

Subject: CoV NHP Study Call Discussion

** CONFIRMATION **

Title of Meeting: CoV NHP Study Call Discussion **Principal Meeting Organizer**: Gabriela Alvarado

Goal of Meeting: To discuss current and future CoV NHP studies.

Date: 4/20/20 Time: 1:00PM

Allotted Time: 1 hour

Location: Virtual (Zoom Meeting)

VRC Participants: Barney Graham, Gabriela Alvarado, Kizzmekia Corbett, Kaitlyn Morabito,

Kevin Carlton, Tracy Ruckwardt, Mario Roederer, Nancy Sullivan and Robert Seder

NIAID Participant: Ian Moore

Agenda:

- 1. Review logistics and plans for dose and route COVID study (starts April 27th).
- Review 1st RNA vaccine study- Determine timing of Nasal Swabs and BAL post challenge.
 Discuss clinical monitoring options post challenge.
- 3. Review 2nd RNA and Inactivated Virus Vaccine Study-
 - -Finalize groups for challenge
 - -Finalize timing of necropsy post challenge (eg. day 3 and day 7)
 - -Tentative study groups
 (b) (5)
 - -Discuss what would be done with additional RNA vaccine groups (b) (5)
- 4. Next Studies:

	(b) (5

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Thanks,
LaTanya
Topic: Zoom Meeting (G)
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                        (b) (6) US (New York)
                             US (Chicago)
Dial by your location
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                         (Chicago)
                         (Houston)
                         (San Jose)
Meeting ID:
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Find your local number: https://zoom.us/u/aej80aTQLj
Join by SIP
                      (b) (6)
Join by H.323
            (b) (6)S West)
                 S East)
                 China)
                 dia Mumbai)
                 dia Hyderabad)
                 EMEA)
                 Australia)
                 ong Kong)
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Meeting ID:
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From: Graham, Barney (NIH/VRC) [E] Sent: Wed, 15 Apr 2020 20:43:18 +0000 Subject: Scientific Program Manager -(b) (6), Agenda -Attachments: Topic: Zoom Meeting (G) Time: This is a recurring meeting Meet anytime Join Zoom Meeting (b) (6) Meeting ID: One tap mobile (b) (6) # US (New York) # US (Chicago) Dial by your location (b) (6) US (New York) US (Chicago) US US (Houston) US (San Jose) US (b) (6) Meeting ID: Find your local number: https://zoom.us/u/aej80aTQLj Join by SIP (b)(6)Join by H.323 (b) (6)5 West) S East) China) dia Mumbai) dia Hyderabad) EMEA) Australia) ong Kong)

> 3razil) anada) (Japan) (b) (6)

Meeting ID:

(b) (6)

(b) (6) .docx

From: Graham, Barney (NIH/VRC) [E]
Sent: Mon, 20 Apr 2020 21:49:06 +0000

Subject: VRC Wednesday Afternoon Seminar - Joe Casazza (Mascola Lab) - Immunology

Laboratory, Evan Cale (Mascola Lab) - Humoral Immunology Section

From: "Prince, Tasheema (NIH/VRC) [C]" (b) (6)

Date: Monday, April 20, 2020 at 5:34 PM

To: VRC Communications <VRCCommunications@niaid.nih.gov>
Subject: VRC Wednesday Seminar (Apr. 22) - Joe Casazza & Evan Cale
Dear Colleagues:

The Vaccine Research Center's Wednesday Afternoon Seminar Series resumes this Wednesday, April 22nd! This week's seminar will feature presentations by:

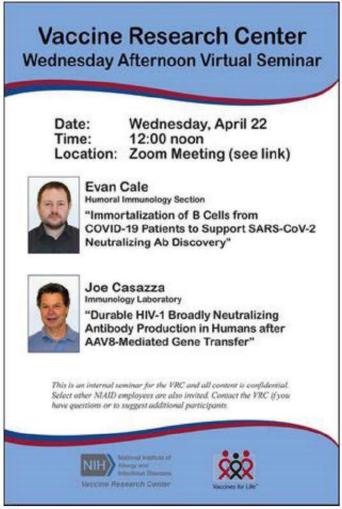
Joe Casazza on "Durable HIV-1 Broadly Neutralizing Antibody Production in Humans after AAV8-Mediated Gene Transfer" **and Evan Cale** on "Immortalization of B Cells from COVID-19 Patients to Support SARS-CoV-2 Neutralizing Ab Discovery"

Date: Wednesday, April 22 @ Noon

Location: Zoom Meeting | (b) (6)

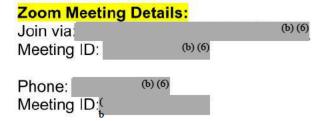
Meeting ID: (b) (6)

Tel: (b) (6) US



H

This is an internal seminar for the VRC and all content is confidential. Select other NIAID employees are also invited. Please do not forward this webinar information – contact the VRC if you have any questions or to suggest additional participants.



Upon joining please MUTE your phone. Remote participants who are not muted and/or unidentified will be dropped from the conference by the organizer.

Looking forward, Tasheema Prince

Tasheema Prince

Communications Team Vaccine Research Center, NIAID, NIH 40 Convent Drive, Bldg 40, Room 1107 Bethesda, MD 20892

(b) (6)

(b) (6)





From: Graham, Barney (NIH/VRC) [E]
Sent: Wed, 22 Apr 2020 16:06:53 +0000

To: Bok, Karin (NIH/VRC) [E];Kanekiyo, Masaru (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Gall, Jason (NIH/VRC) [C];Ledgerwood, Julie (NIH/NIAID) [E];Carlton, Kevin (NIH/VRC) [E] (b) (6);Liska, Vladimir; (b) (6);Warfield, Kelly;Young, Monique (NIH/VRC) [E];Chapman, Latanya (NIH/VRC) [C];Grier, Shardae (NIH/VRC) [E];Taylor, Stephanie (NIH/NIAID)

[E];Adams, Will (NIH/VRC) [C];Moin, Syed (NIH/VRC)

[E]; (b) (6)

Stein, Judy (NIH/VRC) [C]

Cc: Kaltovich, Florence (NIH/VRC) [C]

Subject: VRC-Emergent Flu Discussion

Attachments: Emergent May 8 2020_final.docx, UniFlu_VRC_08_May 2020_FINAL[1].pdf

** CONFIRMATION **

Title of Meeting: VRC-Emergent Flu Discussion

Principal Meeting Organizer: Karin Bok

Goal of Meeting: (b) (4)

Date: 5/8/20 **Time:** 1:00PM

Allotted Time: 2 Hours

Location: Virtual (Zoom Meeting)

VRC Participants: Barney Graham, Karin Bok, Masaru Kanekiyo, Gabriela Alvarado, Jason Gall,

Julie Ledgerwood, Kevin Carlton, Will Adams and Syed Moin

Emergent BioSolutions Participants: Sukjoon Park, Vladimir Liska, Rebecca Karimr, Kelly Warfield, Spencer Stonier, Michael Lacy, Jie Feng, Lu Hang, Bojan Drobic, Hope Jeren and Ravi

Anantha

Agenda: Attached

Thanks, LaTanya

Topic: Zoom Meeting (M)

Join Zoom Gov Meeting

(b) (6)

Meeting ID: One tap mobile

(b) (6) JS (San Jose) JS (New York)

(b) (6)

Dial by your location

US (San Jose) US (New York) US Toll-free Meeting ID: (b) (6)

Find your local number: https://www.zoomgov.com/u/aeHqmbd9gs

Join by SIP

(b) (6)

Join by H.323

(b) (б) (US West)

(US East) (b) (6)

Meeting ID:

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Thu, 23 Apr 2020 21:31:22 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: CORONAVIRUS UPDATE: 2nd NIH Virtual Town Hall

Attachments: CORONAVIRUS UPDATE: 2nd NIH Virtual Town Hall on Friday, April 24 at 1:00

p.m. ET

From: NIH Executive Secretariat

Sent: Wed, 15 Apr 2020 17:30:59 +0000

To: List NIH-ALL-STAFF

Subject: CORONAVIRUS UPDATE: 2nd NIH Virtual Town Hall on Friday, April 24 at 1:00

p.m. ET

NIH Director Francis Collins will host a second Virtual Town Hall to update the NIH Community on NIH's activities in response to the COVID-19 pandemic and answer your questions. All NIH employees, contractors, fellows, and trainees are invited to join.

The event is on Friday, April 24, 2020, from 1:00 p.m. - 1:45 p.m. Eastern Time.

Please submit your questions in advance using the subject line: TOWN HALL QUESTION to CoronavirusStaffQuery@od.nih.gov by 5:00 p.m. ET on Monday, April 20. We will sort the questions and responses to the top 40 most frequently asked questions will be provided during the live event.

We recommend that you join at least 10 minutes before the town hall begins. PLEASE NOTE: You <u>must</u> disconnect from NIH VPN and close other running applications on your computer to watch the webcast.

Virtual Town Hall Details:

WEBCAST LINK:	(b) (
VVEDCAST ENVICE	\-\/

Moderated by Francis Collins, NIH Director

Additional participants available to answer questions:

- · Alfred Johnson, NIH Deputy Director for Management
- Julie Berko, NIH Chief People Officer
- Colleen McGowan, NIH Associate Director for Research Services

Instructions on how to view the NIH Virtual Town Hall:

- Disconnect from NIH VPN and close other running applications on your computer. You may also watch this webcast using your smartphone.
- 2. Click on Webcast link: (b) (5)
- 3. Enter your first and last name in "Display Name" field.
- 4. Enter your NIH email in "Email" field.
- 5. Check the consent/authorization box.
- 6. Sign in as guest.
- 7. When the event is visible, click "unmute" in the upper right corner of the event window to hear the streamed audio from your computer speakers. Use your computer to adjust the volume.
- 8. A question mark icon is available on the right side. To ask a question, click on the icon, enter your question in the box, and hit submit. You will only be able to see your questions, not all questions. Also please note, the chat function is not enabled for this event.
- 9. A recording of the virtual town hall will be available on the intranet page:

(b) (5)

To view the event on an iPhone/iPad or Android device, click on the webcast link and follow the sign in as guest steps.

If you have issues joining the virtual town hall, please contact the NIH Service Desk, https://itservicedesk.nih.gov or 301-496-4357 (HELP).

Additional Resources:

- NIH Intranet page for staff on coronavirus:
 (b) (5)
- Webpage: https://www.nih.gov/health-information/coronavirus

The webcast will include closed captioning and sign language interpreters. If you need other reasonable accommodations to participate in this event, please contact Amanda Fine (b) (6) and/or the Federal Relay (1.800.877.8339).

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 24 Apr 2020 19:31:53 +0000

To: Graham, Barney (NIH/VRC) [E];Corbett, Kizzmekia (NIH/VRC) [E];Morabito,

Kaitlyn (NIH/VRC) [E]; Alvarado, Gabriela (NIH/VRC)

[C];

Cc: Young, Monique (NIH/VRC) [E];Chapman, Latanya (NIH/VRC) [C];Baric, Toni C

Subject: VRC/UNC Murine Data Update Discussion

CONFIRMATION

Title of Meeting: VRC/UNC Murine Data Update Discussion

Principal Meeting Organizer: Gabriela Alvarado

Goal of Meeting: (b) (4)

Date: Fri May 1st 2020

Time: 4:00 pm

Allotted Time: 1 Hour

Location: Virtual (Zoom Meeting)

VRC Participants: Barney Graham, Kizzmekia Corbett, Kaitlyn Morabito, and Gabriela Alvarado

UNC Participants: David Martinez, Kenneth Dinnon, Alexandra Schaefer, Ralph Baric, and Sarah Leist

Agenda:

(b) (4)

Thanks...Monique

(b) (6)

Topic: Join Zoom Meeting (G)

Join ZoomGov Meeting

(b) (6)

Meeting ID: (b) (

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Dial by your location

(b) (6) JS (San Jose) JS (New York)

JS Toll-free

Meeting ID: (b) (6)

Find your local number: https://www.zoomgov.com/u/adT5VzhJob

Join by SIP

(b) (6)

Join by H.323

(b) (6) (US West)

(US East)

Meeting ID: (b) (6)

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Fri, 24 Apr 2020 19:36:57 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: Virtual - Keystone Vaccinology eSymposia - Vaccinology in the Age of Pandemics: Strategies

Against COVID-19 & Other Global Threats - June 15 - 16, 2020
Attachments: Vaccinology Detailed Schedule.pdf

Kristina Horton < kristinah@keystonesymposia.org>

Kristina H. Richardson, MS

Scientific Advisory Board Coordinator
Administrative Assistant: CSO & Global Development
+ 1 970.262.2692 | kristinah@keystonesymposia.org





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970.262.1230 | 800.253.0685 | www.keystonesymposia.org
Visit virtual.keystonesymposia.org to view our digital content.

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Tue, 21 Jan 2020 23:19:52 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: 3:00 pm - Dr. Fauci and CNN Lab Visit - Coronavirus Team - Wuhan Virus -

January 22, 2020

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Fri, 31 Jan 2020 14:40:53 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: Travel - Global Research and Innovation Forum: Towards a Roadmap for the

2019 Novel Coronavirus - February 11-12, 2020 - Geneva, Switzerland

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Fri, 31 Jan 2020 22:43:37 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: 11:00 am - 4:00 pm - ABC News Filming - VRC 2608 - Drs. Fauci, Graham, and

Corbett - TIME TBD - Feb 3, 2020 **Attachments:** FW: heads up From: Corbett, Kizzmekia (NIH/VRC) [E]
Sent: Fri, 31 Jan 2020 22:31:34 +0000
To: Fisher, Brian (NIH/VRC) [E]

Subject: FW: heads up

--

Kizzmekia S. Corbett, PhD

Senior Research Fellow | Scientific Lead Coronavirus Vaccines & Immunopathogenesis (coVip) Team Viral Pathogenesis Laboratory | Vaccine Research Center

National Institutes of Allergy and Infectious Diseases

National Institutes of Health

Building 40 Room 2608 40 Convent Drive Bethesda MD 20892

Laboratory: (b) (6)
Personal (b) (6)
Fax: (301) 480-2771

From: "Routh, Jennifer (NIH/NIAID) [E]" (b) (6) >

Date: Friday, January 31, 2020 at 5:10 PM

To: "Hiatt, Nissa (NIH/VRC) [C]" (b) (6), Barney Graham

(b) (6) >, Kizzmekia Corbett (b) (6)

Subject: RE: heads up

I still haven't heard back from ABC. But I know the only gaps in Dr. Fauci's schedule right now on Monday are 11-1 and 3-4. We warned ABC it might get cancelled last minute and I am waiting to hear if they still want to come.

If this moves forward, I was thinking they would do a half hour of b-roll first if they need it—I sent them the b-roll package we already filmed. Then Dr. Fauci would come to the lab and they would do 15 mins of Dr. Fauci talking to Dr. Ashton with the computer screen and then hand held model. Dr. Fauci will likely want Dr. Corbett and/or Dr. Graham on hand if he has questions. Then we would have a half hour for an interview between Dr. Ashton and Dr. Fauci.

Nissa—do you know if the large conference room downstairs is available on Monday? That would be ideal location for the interview so they can go right from the lab and head downstairs. If not, I probably will have to have ABC send another crew to set up in his office.

Jennifer Routh [E]

News and Science Writing Branch

Office of Communications and Government Relations

National Institute of Allergy and Infectious Diseases (NIAID) NIH/HHS 31 Center Drive Room 7A17C Bethesda, MD 20892 Direct: (b) (6) Disclaimer: The information in this e-mail and any of its attachments is confidential and may contain sensitive information. It should not be used by anyone who is not the original intended recipient. If you have received this e-mail in error please inform the sender and delete it from your mailbox or any other storage devices. The National Institute of Allergy and Infectious Diseases shall not accept liability for any statements made that are sender's own and not expressly made on behalf of the NIAID by one of its representatives. From: Routh, Jennifer (NIH/NIAID) [E] Sent: Friday, January 31, 2020 10:23 AM To: Hiatt, Nissa (NIH/VRC) [C] (b) (6) Graham, Barney (NIH/VRC) [E] (b) (6); Corbett, Kizzmekia (NIH/VRC) [E] (b) (6) > Subject: RE: heads up Honestly not sure but will let you know what I know ASAP. Jennifer Routh [E] News and Science Writing Branch Office of Communications and Government Relations National Institute of Allergy and Infectious Diseases (NIAID) NIH/HHS 31 Center Drive Room 7A17C Bethesda, MD 20892 Direct: (b) (6) (b)(6)Disclaimer: The information in this e-mail and any of its attachments is confidential and may contain sensitive information. It should not be used by anyone who is not the original intended recipient. If you have received this e-mail in error please inform the sender and delete it from your mailbox or any other storage devices. The National Institute of Allergy and Infectious Diseases shall not accept liability for any statements made that are sender's own and not expressly made on behalf of the NIAID by one of its representatives. From: Hiatt, Nissa (NIH/VRC) [C] (b)(6)Sent: Friday, January 31, 2020 10:05 AM To: Routh, Jennifer (NIH/NIAID) [E] (b) (6) >; Graham, Barney (NIH/VRC) [E] (b) (6); Corbett, Kizzmekia (NIH/VRC) [E] Subject: RE: heads up Thanks for the heads up, Jen. Drs. Graham and Corbett, please let us know if you have any can't-miss scheduling on Monday. If ABC does come to campus, Jen, do you anticipate that they would interview in the lab? We will stay tuned. Best, Nissa

Nissa Hiatt

Communications
Vaccine Research Center, NIAID, NIH
40 Convent Drive, Bldg 40, Room 1107
Bethesda, MD 20892

(b) (6) (b) (6)

From: Routh, Jennifer (NIH/NIAID) [E] (b) (6)

Sent: Friday, January 31, 2020 9:58 AM

To: Hiatt, Nissa (NIH/VRC) [C] (b) (6); Graham, Barney (NIH/VRC) [E]

(b) (6) >; Corbett, Kizzmekia (NIH/VRC) [E] (b) (6)

Subject: heads up

ABC's Dr. Jen Ashton has requested to come to campus on Monday. I am trying to see if we can use our new b-roll, but Courtney and I will have to have a discussion with ASF as he invited them. Scheduling is very difficult at the moment.

Jennifer Routh [E]

News and Science Writing Branch

Office of Communications and Government Relations

National Institute of Allergy and Infectious Diseases (NIAID)

NIH/HHS

31 Center Drive Room 7A17C

Bethesda, MD 20892

Direct: (b) (6) (b) (6)

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Graham, Barney (NIH/VRC) [E] From: Sent: Thu, 6 Feb 2020 21:42:47 +0000 Graham, Barney (NIH/VRC) [E]; Mascola, John (NIH/VRC) [E]; Ledgerwood, Julie (NIH/NIAID) [E];Bok, Karin (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Corbett, Kizzmekia (NIH/VRC) [E];Gall, Jason (NIH/VRC) [C];Morabito, Kaitlyn (NIH/VRC) [E];Petrik, Amy (NIH/NIAID) [E];Stein, Judy (NIH/VRC) [C];Rajanikanth Rau;Ramesh Matur;r (b)(6)Cc: Suhana, Tina (NIH/VRC) [E]; Taylor, Stephanie (NIH/NIAID) [E]; Grier, Shardae (NIH/VRC) [E]; Young, Monique (NIH/VRC) [E]; Chapman, Latanya (NIH/VRC) [C] VRC/Biological E Coronavirus Vaccine Discussion Subject: Note: The dial in details for this discussion have been updated. Please use the dial in details below. ********** **CONFIRMATION** Title of Meeting: VRC/Biological E Coronavirus Vaccine Discussion Principal Meeting Organizer: Barney Graham Goal of Meeting: To discuss (b) (4) SARS-CoV-2 vaccine. Date: Tue March 10th 2020 Time: 10:00 am EDT\7:30 pm IST Allotted Time: 1 Hour Location: 40/Conference Room 1207 (Goto Meeting) VRC Participants: John Mascola, Barney Graham, Julie Ledgerwood, Karin Bok, Gabriela Alvarado, Kaitlyn Morabito, Kizzmekia Corbett, Jason Gall, Any Petrik, and Judy Stein Biological E. Limited Participants: Rajanikanth Rau, Ramesh Matur, and Narender Mantena Agenda: 1. eBio review of 2. VRC review of CoV (b) (4) 3. Discussion (b)(4)Thanks...Monique (b)(6)********** Meet Anytime (K) Please join my meeting from your computer, tablet or smartphone. (b) (6) You can also dial in using your phone. United States (Toll Free): United States: (b)(6)

India (Toll Free):

Access Code: (b) (6)

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 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Mon, 10 Feb 2020 15:21:01 +0000

 To:
 Graham, Barney (NIH/VRC) [E]

Subject: Rob Stein, NPR (Drs. Graham/Corbett) - NIssa

Attachments: NPR Visit Tuesday Feb. 18

From: Hiatt, Nissa (NIH/VRC) [C]
Sent: Fri, 14 Feb 2020 19:35:27 +0000

To: VRC_CoV

Cc: Young, Monique (NIH/VRC) [E];Harris, Christina (NIH/NIAID) [E];Prince,

Tasheema (NIH/VRC) [C]

Subject: NPR Visit Tuesday Feb. 18

Attachments: Agenda for VRC Tour - NPR_18Feb2020.docx

Hi VRC CoV team,

Sharing the agenda again for Tuesday's visit from NPR. Please let me know if you have any questions or updates.

At 11:30 AM, I will bring Rob Stein, NPR and Anne Oplinger from the NIAID News and Science Writing Branch up to Barney's office for his interview. Afterwards we will move to the lab for a quick tour. Right now Kizzy's interview is planned to take place in the lab but if it proves too loud for radio, we might need to use Barney's office as a backup.

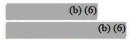
Rob will take photos so please help with a visual check for safety and confidentiality. He'd like to record some ambient sound in the lab so confidentiality would also apply there. Rob covers the health and medicine beat for NPR in addition to being the senior editor at the NPR science desk. His stories are available here if you would like to see how he has covered coronavirus.

Please be in touch if there are additional scheduling or content considerations.

Have a great weekend, Nissa

Nissa Hiatt

Communications
Vaccine Research Center, NIAID, NIH
40 Convent Drive, Bldg 40, Room 1100
Bethesda, MD 20892





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From: Graham, Barney (NIH/VRC) [E] Sent: Wed, 19 Feb 2020 20:28:22 +0000 Graham, Barney (NIH/VRC) [E]; Bok, Karin (NIH/VRC) [E]; Gall, Jason (NIH/VRC) [C]; Stein, Judy (NIH/VRC) [C]; Morabito, Kaitlyn (NIH/VRC) [E]; Corbett, Kizzmekia (NIH/VRC) [E]; Cc: Grier, Shardae (NIH/VRC) [E]; Suhana, Tina (NIH/VRC) [E]; Chapman, Latanya (NIH/VRC) [C]; Young, Monique (NIH/VRC) [E] Subject: VRC-IAVI Coronavirus Discussion ** CONFIRMATION ** Title of Meeting: VRC-IAVI Coronavirus Discussion Principal Meeting Organizer: Karin Bok Goal of Meeting: Discuss respective progress on Coronavirus research and development. Date: 3/3/20 Time: 11:00AM Allotted Time: 1 hour Location: 40/2ND Floor Conference Room (Goto Meeting) VRC Participants: Barney Graham, Karin Bok, John Mascola, Jason Gall (remotely), Judy Stein (remotely), Kaitlyn Morabito and Kizzmekia Corbett IAVI Participants: Chris Parks, Lisa Welch, Jonathan Hare, Min Ding and Eddy Sayeed Agenda: IAVI proposal: 1. Brief description of what IAVI is proposing to do with VSV-SARS-CoV2. 2. Brief summary of VRCs Coronavirus programs (b) (4) (b) (4) 3. 4. 5. Thanks, LaTanya ********* Meeting Anytime (K) Please join my meeting from your computer, tablet or smartphone. (b) (6)

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United States: ± (b) (6)

Access Code: (b) (6)

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From: Graham, Barney (NIH/VRC) [E]
Sent: Wed, 19 Feb 2020 23:36:52 +0000

To: Graham, Barney (NIH/VRC) [E]; Heather Youngs; Chris Somerville

Cc: Suhana, Tina (NIH/VRC) [E]; Young, Monique (NIH/VRC) [E]

Subject: VRC and The Open Philanthropy Project Discussion

CONFIRMATION

Title of Meeting: VRC and The Open Philanthropy Project Discussion

Principal Meeting Organizers: Barney Graham

Goal of Meeting: To discuss Coronavirus efforts and the Baker/King Influenza Vaccine Project

Date: Mon Mar 2nd 2020

Time: 2:00 pm

Allotted Time: 30 Minutes

Location: 40/John's Office (Conference Call)

VRC Participants: John Mascola and Barney Graham

The Open Philanthropy Project Participants: Heather Youngs and Chris Somerville

Agenda:

1. Coronavirus efforts

2. Update on Baker/King Influenza Vaccine Project (if time permits)

Dial in Details:

Toll Free: (b) (6)
Toll: (b) (6)

Participant Code: (b) (6)

Thanks...Monique
(b) (6)

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 21 Feb 2020 23:06:40 +0000

To: Graham, Barney (NIH/VRC) [E];Bok, Karin (NIH/VRC) [E];Ledgerwood, Julie (NIH/NIAID) [E];Morabito, Kaitlyn (NIH/VRC) [E];Corbett, Kizzmekia (NIH/VRC) [E];Gall, Jason (NIH/VRC) [C];Carlton, Kevin (NIH/VRC) [E];Daucher, Marybeth (NIH/NIAID) [E];

(b) (6);Gordon Joyce;Chen, Grace

(NIH/NIAID) [E];Gabriela Alvarado

Cc: Chapman, Latanya (NIH/VRC) [C];Young, Monique (NIH/VRC) [E];Grier, Shardae (NIH/VRC) [E];Reilly, Deborah (NIH/VRC) [E];Taylor, Stephanie (NIH/NIAID) [E];Suhana, Tina (NIH/VRC)

[E]

Subject: VRC-WRAIR Coronavirus Discussion
Attachments: WRAIR Feb 2020 Agenda (002).docx

CONFIRMATION

Title of Meeting: VRC-WRAIR Coronavirus Discussion

Principal Meeting Organizer: Karin Bok

Goal of Meeting: To discuss respective progress on Coronavirus research and development.

Date: Feb 25, 2020 Time: 11:00am Allotted Time: 1 hour

Location: 40/Conference Room 1207 (Goto Meeting)

VRC Participants: Barney Graham, John Mascola, Karin Bok, Julie Ledgerwood, Kaitlyn

Morabito, Kizzmekia Corbett, Jason Gall (optional), Kevin Carlton (optional), Marybeth Daucher

(optional), Christina Harris (optional), Grace Chen and Gabriella Alvardo WRAIR Participants: Nelson Michael, Kayvon Modjarrad and Gordon Joyce

Agenda: Attached

Thank you,			
Latanya			
(b) (6)			
******	*****	***	
Meeting Anytime			
Please join my mee	eting from your	computer,	tablet or smartphone.
		(b)	(6)
You can also dial in	using your ph	one.	
United States (Toll	Free):	(b) (6)	
United States:	(b) (6)		
Access Code:	(b) (6)		

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(b) (6)	

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Wed, 4 Mar 2020 16:31:53 +0000

To: Graham, Barney (NIH/VRC) [E];Ruckwardt, Tracy (NIH/VRC) [E];Corbett,

Kizzmekia (NIH/VRC) [E]; Morabito, Kaitlyn (NIH/VRC) [E]; Bok, Karin (NIH/VRC) [E]; Daniela

Weiskopf; Alessandro Sette; Alba Grifoni

Cc: Chapman, Latanya (NIH/VRC) [C]; Young, Monique (NIH/VRC) [E]; Alvarado,

Gabriela (NIH/VRC) [C]

Subject: SARS - CoV-2T Cell Assay Discussion

Title of Meeting: SARS-CoV-2 T Cell Assay Discussion **Principal Meeting Organizer:** Kaitlyn Morabito

Goal of Meeting: To discuss T cell assays for SARS-CoV-2.

Date: March 10th Time: 1:00pm

Allotted Time: 1 hour

Location: 40/3rd Floor Conference Room (Goto meeting)

VRC Participants: Barney Graham, Tracy Ruckwardt, Kizzmekia Corbett, Kaitlyn Morabito and Karin Bok La Jolla Institute for Immunology Participants: Daniela Weiskopf, Alessandro Sette and Alba Grifoni Draft agenda items:

- 1. Introductions
 - 2. Review Data from LII
 - 3. Discuss next steps

Meeting Anytime

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United States: (b) (6)

Access Code: (b) (6)

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(1

From: Graham, Barney (NIH/VRC) [E]
Sent: Wed, 11 Mar 2020 16:36:02 +0000

To: Graham, Barney (NIH/VRC) [E];Bok, Karin (NIH/VRC) [E];Gall, Jason (NIH/VRC) [C];Corbett, Kizzmekia (NIH/VRC) [E];Morabito, Kaitlyn (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Carlton, Kevin (NIH/VRC) [E];Ledgerwood, Julie (NIH/NIAID) [E];Sullivan, Nancy (NIH/VRC)

E]; (b) (6) ;Stein,

Judy (NIH/VRC) [C]; Petrik, Amy (NIH/NIAID) [E]

Cc: Young, Monique (NIH/VRC) [E];Suhana, Tina (NIH/VRC) [E];Austin, Sarah (NIH/NIAID) [E];Grier, Shardae (NIH/VRC) [E];Taylor, Stephanie (NIH/NIAID) [E];Chapman, Latanya (NIH/VRC) [C];Manuela Mazzeschi

Subject: VRC/Reithera Coronavirus Discussion

** CONFIRMATION **

Title of Meeting: VRC-Reithera Coronavirus Discussion

Principal Meeting Organizer: Karin Bok

Goal of Meeting: To discuss Coronavirus research activities and common areas of interest, briefing on

(b) (4)

Date: 3/20/20 Time: 4:30PM (EST) Allotted Time: 1 hour

Location: 40/Conference Room 1207 (Goto)

VRC Participants: John Mascola, Barney Graham, Karin Bok, Jason Gall, Kizzmekia Corbett, Kaitlyn

Morabito, Gabriela Alvarado, Kevin Carlton, Julie Ledgerwood and Nancy Sullivan

Reithera Participants: Alessandra Vitelli, Alfredo Nicosia, Stefano Colloca and Antonella Folgori

Agenda:

- Introductions
- Discussion on SARS-CoV-2 situation in Italy (Reithera)
- Overview of
 (b) (4) (Reithera)
- Status of GRAd SARS-CoV2 vaccine development (Reithera)
- Overview of SARS-CoV-2 Pre-S vaccine antigen design (Barney Graham)
- Discussion on potential areas of synergies and collaboration
- Adjourn

Thank you, LaTanya

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From: Graham, Barney (NIH/VRC) [E]
Sent: Sun, 26 Apr 2020 22:37:59 +0000

To: Graham, Barney (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Corbett, Kizzmekia (NIH/VRC) [E];Wang, Lingshu (NIH/VRC) [E];Doria-Rose, Nicole (NIH/NIAID) [E];Zhang, Yi

(NIH/NIAID) [C];Carlton, Kevin (NIH/VRC) [C];Seder, Robert (NIH/VRC) [E];Kai

Wu (b) (6); Darin Edwards; (b) (6)

;Kapil

Bahl; (b) (6); Bennett Hamilton; Bok, Karin (NIH/VRC) [E]; Ruckwardt, Tracy (NIH/VRC) [E]; Kovacs, Gerald (OS/ASPR/BARDA) (CTR); Jayashankar, Lakshmi (OS/ASPR/BARDA); (b) (6); Sabourin, Carol (OS/ASPR/ (b) (6)

Cc: Young, Monique (NIH/VRC) [E];Grier, Shardae (NIH/VRC) [E];Chu, Gloria

(NIH/VRC) [C]

Subject: VRC/Moderna CoV Collaboration Discussion

Attachments: Untitled, Untitled

CONFIRMATION

Title of Meeting: VRC/Moderna CoV Collaboration Discussion

Principal Meeting Organizer: Gabriela Alvarado

Goal of Meeting: To discuss pre-clinical CoV collaborative studies.

Date: Tuesday (Bi-Weekly)

Time: 12:00 pm Allotted Time: 1 Hour

Location: Virtual (Zoom Meeting)

VRC Participants: Barney Graham, Kizzmekia Corbett, Lingshu Wang, Nicole Doria-Rose, Yi Zhang, Kevin

Carlton, Gabriela Alvarado, Karin Bok, Tracy Ruckwardt, and Bob Seder

Moderna Participants: Kai Wu, Andrea Carfi, Darin Edwards, Guillaume Stewart-Jones, Christy Shaw,

Kapil Bahl, Sayda Elbashir, Carole Henry, Hamilton Bennett, and Sam Ivry BARDA Participants: Gerald Kovacs, Lakshmi Jayashankar, and Carol Sabourin

Agenda: TBD

Thanks	sMonique
*****	*********
Topic:	VRC/Moderna CoV Collaboration Discussion (G

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Find your local number: https://www.zoomgov.com/u/aAqgHd8Y7

Join by SIP

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Join by H.323

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Sent:	Tue, 6 Oct 2020 18:35:54	+0000		
To:	Graham, Barney (NIH/VRC	C) [E];Alvarado,	Gabriela (NIH/VRC) [C];(Corbett,
Kizzmekia (NIH/VRC) [E];Wang, Lingshu (NIH/VRC)	[E];Doria-Rose,	, Nicole (NIH/NIAID) [E];2	Zhang, Yi
(NIH/NIAID) [C];Carlton	, Kevin (NIH/VRC) [C];Seder	r, Robert (NIH/\	/RC) [E];Kai	
Wu	(b) (б) Darin Edwards	6	(b) (6)	
		ı;Kapil		
Bahl; (NIH/VRC) [E];Ruckward Lakshmi (OS/ASPR/BAR	dt, Tracy (NIH/VRC) [E];Kov DA);	acs, Gerald (OS,	o) (6);Bennett Hamilton;B /ASPR/BARDA) (CTR);Jay Carol (OS/ASPR/BARDA)	ashankar,
Cc: (NIH/VRC) [C]	Young, Monique (NIH/VRO	C) [E];Grier, Sha	rdae (NIH/VRC) [E];Chu,	Gloria
CONFIRMATION				
Principal Meeting Orga	Moderna CoV Collaboration Inizer: Gabriela Alvarado			
	scuss pre-clinical CoV collab	porative studies	**************************************	
Date: Tuesday (Bi-Weel	dy)			
Time: 12:00 pm				
Allotted Time: 1 Hour	Mosting			
Location: Virtual (Zoom	i Meeting) ey Graham, Kizzmekia Corb	ott Lingshu Ma	ang Nicola Doria-Rosa V	/i 7hang Kevir
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	Kai Wu, Andrea Carfi, Darir			aristy Shaw
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550 (C	erald Kovacs, Lakshmi Jayas		3	
Agenda:	stata Novaes, Laksiiiii sayas	mamar, and ca	TOT SUBSUITIT	
Action items an	nd study undates			
	ond NHP publication, inclu-	ding how	(b) (4) results may b	e included
Review of Mon		amg now	(b) (4)	e meradea
- Review of Worl	teriori Lab		(6)(1)	(b) (4)
				(9) (1)
ThanksMonique				
******	******			
Topic: VRC/Moderna C	oV Collaboration Discussion	n (G)		
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US (New York)
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Find your local number: https://www.zoomgov.com/u/aAqgHd8Y7

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Join by H.323

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(US East)

Meeting ID: (b) (6)

Password: (b) (6)

Sent: Tue, 6 Oct 2020 18:35:54 +0000 To: Graham, Barney (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Corbett, Kizzmekia (NIH/VRC) [E];Wang, Lingshu (NIH/VRC) [E];Doria-Rose, Nicole (NIH/NIAID) [E];Zhang, Yi (NIH/NIAID) [C];Carlton, Kevin (NIH/VRC) [C];Seder, Robert (NIH/VRC) [E];Kai Wu (b) (6) Darin Edwards; (b) (6)
;Kapil
Bahl; (b) (6);Bennett Hamilton;Bok, Karin (NIH/VRC) [E];Kovacs, Gerald (OS/ASPR/BARDA) (CTR);Jayashankar, Lakshmi (OS/ASPR/BARDA); (b) (6);Sabourin, Carol (OS/ASPR/BARDA); (b) (6)
Cc: Young, Monique (NIH/VRC) [E];Grier, Shardae (NIH/VRC) [E];Chu, Gloria (NIH/VRC) [C]
CONFIRMATION
Title of Meeting: VRC/Moderna CoV Collaboration Discussion Principal Meeting Organizer: Gabriela Alvarado Goal of Meeting: To discuss pre-clinical CoV collaborative studies. Date: Tuesday (Bi-Weekly) Time: 12:00 pm Allotted Time: 1 Hour Location: Virtual (Zoom Meeting) VRC Participants: Barney Graham, Kizzmekia Corbett, Lingshu Wang, Nicole Doria-Rose, Yi Zhang, Kevin Carlton, Gabriela Alvarado, Karin Bok, Tracy Ruckwardt, and Bob Seder Moderna Participants: Kai Wu, Andrea Carfi, Darin Edwards, Guillaume Stewart-Jones, Christy Shaw, Kapil Bahl, Sayda Elbashir, Carole Henry, Hamilton Bennett, and Sam Ivry BARDA Participants: Gerald Kovacs, Lakshmi Jayashankar, and Carol Sabourin Agenda: Action items and study updates Timelines for final results (b) (4)
Thanks Monique
ThanksMonique

Topic: VRC/Moderna CoV Collaboration Discussion (G)
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(US East)

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Password: (b) (6)

Graham, Barney (NIH/VRC) [E] From: Sent: Sun, 26 Apr 2020 23:15:25 +0000 Alvarado, Gabriela (NIH/VRC) [C]; Corbett, Kizzmekia (NIH/VRC) [E]; Morabito, To: Kaitlyn (NIH/VRC) [E];Carlton, Kevin (NIH/VRC) [E];Hutchinson, Geoffrey (NIH/VRC) [F];Adams, Will (NIH/VRC) [C]; Gall, Jason (NIH/VRC) [C]; Neil King; (b) (6); Chapman, Latanya (NIH/VRC) [C]; Grier, Shardae (NIH/VRC) [E]; Young, Monique (NIH/VRC) [E] Gowetski, Daniel (NIH/VRC) [E]; Kueltzo, Lisa (NIH/VRC) [C]; Scheideman, Cc: Elizabeth (NIH/VRC) [E];Lei, Paula (NIH/VRC) [C];Kaltovich, Florence (NIH/VRC) [C];Bok, Karin (NIH/VRC) [E] Subject: (b) (4) SARS-CoV-2 ** CONFIRMATION ** Title of Meeting: (b) (4) Principal Meeting Organizer: Gabriela Alvarado Goal of Meeting: To discuss Date: 5/5/20 Time: 11:00AM Allotted Time: 1 hour Location: Virtual (Zoom Meeting) VRC Participants: Barney Graham, Kizzmekia Corbett, Kaitlyn Morabito, Kevin Carlton, Geoffrey Hutchinson, Will Adams, Jason Gall and Gabriela Alvarado University of Washington Participants: Neil King and Daniel Ellis Agenda: (b) (4) (Dan/Geoff/others) and 1. Overview of SARS-CoV-2 discussion (all) 2. Questions from VPP to guide development 3. Reagent and material needs for initial development (Will) 4. AOB (all) Thanks, LaTanya Topic: Join Zoom Meeting (G) Join Zoom Gov Meeting (b)(6)Meeting ID: (b) (6) One tap mobile (b) (6) US (San Jose) US (New York) Dial by your location (b) (6) US (San Jose)

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(b) (6)

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(b) (6) (US West) (US East)

Meeting ID: (b) (6)

From: Graham, Barney (NIH/VRC) [E]
Sent: Tue, 3 Mar 2020 00:04:09 +0000

To: Folkers, Greg (NIH/NIAID) [E]; Marston, Hilary (NIH/NIAID) [E]; Conrad, Patricia

(NIH/NIAID) [E]

Cc: Daucher, Marybeth (NIH/NIAID) [E];Corbett, Kizzmekia (NIH/VRC) [E];Mascola,

John (NIH/VRC) [E]; Hiatt, Nissa (NIH/VRC) [C]; Prince, Tasheema (NIH/VRC) [C]

Subject: WH visit VRC 3March2020 V3.pptx
Attachments: WH visit VRC 3March2020 V3.pptx

These are the final slides that I will use on the 2nd floor tomorrow. The last one is just there for questions. Otherwise I will stop on the one listing VRC products. I will introduce Dr. Corbett on slide 4 and she will briefly describe the vaccine concept with slide 5, I will highlight the timeline and then quickly show the 2 VRC slides.

I will also have on a USB and my laptop as backup.

Barney

From: Graham, Barney (NIH/VRC) [E] **Sent:** Wed, 4 Mar 2020 21:26:49 +0000

To: (b) (6); Guest; Roberts, Chris

(NIH/NIAID) [E];Guest;Stemmy, Erik (NIH/NIAID) [E];Guest;Graham, Barney (NIH/VRC) (b) (6) ;Guest;Marston, Hilary (NIH/NIAID) [E];Hewitt, Judith (NIH/NIAID) [E];Ledgerwood, Julie

(NIH/NIAID) [E]; (b) (6);Bryant, Paula

(NIH/NIAID) [E]

Subject: CEPI/NIAID: COVID-19 - catch-up on projects

 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Wed, 4 Mar 2020 20:48:59 +0000

To: (b) (6)t;Guest;Roberts, Chris

(NIH/NIAID) [E];Guest;Stemmy, Erik (NIH/NIAID) [E];Guest;Graham, Barney (NIH/VRC) [E] (b) (6) ;Guest;Marston, Hilary (NIH/NIAID) [E];Hewitt, Judith (NIH/NIAID) [E];Ledgerwood, Julie

(NIH/NIAID) [E];i (b) (6);Bryant, Paula

(NIH/NIAID) [E]

Subject: CEPI/NIAID: COVID-19 - catch-up on projects

From: Graham, Barney (NIH/VRC) [E]
Sent: Mon, 16 Mar 2020 17:09:56 +0000

To: Hirsch, Marie (NIH/VRC) [E];CHRISTIN HARRIS;Sullivan, Nancy (NIH/VRC) [E];Boritz, Eli (NIH/NIAID) [E];Kwong, Peter (NIH/VRC) [E];Gall, Jason (NIH/VRC) [C];Scorpio, Diana

(NIH/VRC) [E]; Harris, Christina (NIH/NIAID) [E]; Seder, Robert (NIH/VRC) [E]; WIRELESS

CALLER; WIRELESS CALLER; (b) (6) Graham, Barney (NIH/VRC) [E]; HLTH HUMAN SVC; +1

(b) (6);Ledgerwood, Julie (NIH/NIAID) [E]; (b) (6);Koup, Richard (NIH/VRC) [E];Mittelman, Abraham (NIH/VRC) [C];Mejia, Margarita (NIH/VRC) [E];Carlton, Kevin (NIH/VRC) [E]

Subject: VRC Staffing Plan during COVID-19 Outbreak

Scorpio, Diana (NIH/VRC) [E] 1:04 PM:
Christy can you hear me?
Scorpio, Diana (NIH/VRC) [E] 1:04 PM:
Its Diana
Carlton, Kevin (NIH/VRC) [E] 1:05 PM:
I haven't been able to hear you yet Diana
Scorpio, Diana (NIH/VRC) [E] 1:05 PM:
Ugh ok let me check
Scorpio, Diana (NIH/VRC) [E] 1:05 PM:
Im here Kevinlet her know

Scorpio, Diana (NIH/VRC) [E] 1:06 PM:

Let them know

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 14 Feb 2020 20:01:48 +0000

To: Lu, Tami (NIH/NIAID) [E];Cassetti, Cristina (NIH/NIAID) [E];Graham, Barney (NIH/VRC) [E];De wit, Emmie (NIH/NIAID) [E];Degrace, Marciela (NIH/NIAID) [E];Embry, Alan

(NIH/NIAID) [E];Ranjan, Mukul (NIH/NIAID) [E];Guest;Handley, Gray (NIH/NIAID) [E];Routh, Jennifer

(NIH/NIAID) [E]; (b) (6) ;Schmaljohn, Connie (NIH/NIAID) [E];Bok, Karin (NIH/VRC)

[E];Stemmy, Erik (NIH/NIAID) [E];Bushar, Nicholas (NIH/NIAID) [E] **Subject:** NIAID Coronavirus SWAT Weekly Meeting

From: Graham, Barney (NIH/VRC) [E] Sent: Fri, 17 Apr 2020 17:02:23 +0000 To: Read, Sarah [NIH/NIAID] [E]; Bok, Karin (NIH/VRC) [E]; Roberts, Chris (NIH/NIAID) [E]; Deckhut, Alison (NIH/NIAID) [E]; Rotrosen, Daniel (NIH/NIAID) [E]; Barron, Karyl (NIH/NIAID) [E]; Togias, Alkis (NIH/NIAID) [E]; Shaffer, Meredith (NIH/NIAID) [E]; Beigel, John (NIH) [E];Auchincloss, Hugh (NIH/NIAID) [E];Tartakovsky, Mike (NIH/NIAID) [E];Blaney, Joe (NIH/NIAID) [C];Bushar, Nicholas (NIH/NIAID) [E];Calder, Thomas (NIH/NIAID) [E];Cassetti, Cristina (NIH/NIAID) [E];Crum, Wayne (NIH/NIAID) [E];Dieffenbach, Carl (NIH/NIAID) [E];Eisinger, Robert (NIH/NIAID) [E];Higgs, Elizabeth (NIH/NIAID) [E];Hanson, Christopher (NIH/NIAID) [E];Holland, Steven (NIH/NIAID) [E]; Johnson, Martin S. (NIH/NIAID) [E]; Breen, Joseph (NIH/NIAID) [E]; Ledgerwood, Julie (NIH/NIAID) [E];Leitner, Wolfgang (NIH/NIAID) [E];Lerner, Andrea (NIH/NIAID) [E];Mallia, Conrad (NIH/NIAID) [E];Marovich, Mary (NIH/NIAID) [E];Marston, Hilary (NIH/NIAID) [E];Tong, Tina (NIH/NIAID) [E];Touchette, Nancy (NIH/NIAID) [E];Graham, Barney (NIH/VRC) [E];Embry, Alan (NIH/NIAID) [E]; Erbelding, Emily (NIH/NIAID) [E]; Fenton, Matthew (NIH/NIAID) [E]; Gilles, Sharon (NIH/NIAID) [E];Giovanni, Maria (NIH/NIAID) [C];Guest;Guest;Guest;Hackett, Charles (NIH/NIAID) [E];Handley, Gray (NIH/NIAID) [E]; Mascola, John (NIH/VRC) [(b) (6); Miller, Lara (NIH/NIAID) [E]; Dieffenbach, Carl (NIH/NIAID) [E]; Mowatt, Michael (NIH/NIAID) [(b) (6) :Becker, Patrice (NIH/NIAID) [E];Doepel, Laurie (NIH/NIAID) [E];Post, Diane (NIH/NIAID) [(b)(6)Subject: NIAID COVID-19 Division Directors Sync Marston, Hilary (NIH/NIAID) [E] 12:06 PM: are people seeing the slides? Embry, Alan (NIH/NIAID) [E] 12:06 PM: yes Cassetti, Cristina (NIH/NIAID) [E] 12:06 PM: Miller, Lara (NIH/NIAID) [E] 12:06 PM: yes Shaffer, Meredith (NIH/NIAID) [E] 12:06 PM: yes Erbelding, Emily (NIH/NIAID) [E] 12:06 PM: Marston, Hilary (NIH/NIAID) [E] 12:06 PM: okay logging back on - thanks! Marovich, Mary (NIH/NIAID) [E] 12:07 PM: yep thx Handley, Gray (NIH/NIAID) [E] 12:07 PM: yes Deckhut, Alison (NIH/NIAID) [E] 12:27 PM:

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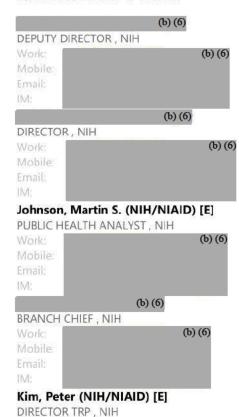
Jim Crowe has reached out to NIAID for help in

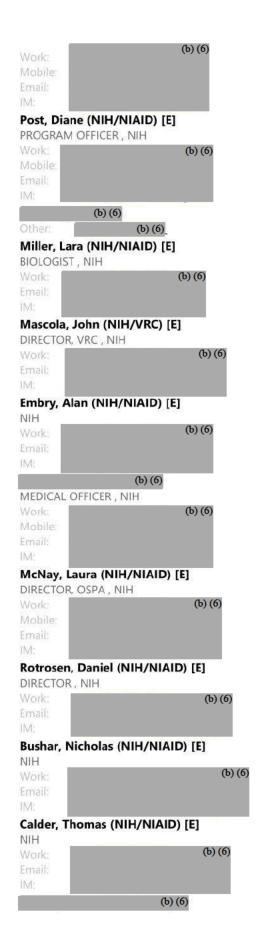
From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 24 Apr 2020 16:59:46 +0000

To: Post, Diane (NIH/NIAID) [E]; Doepel, Laurie (NIH/NIAID) [E]; Roberts, Chris (NIH/NIAID) [E]; (b) (6); Rotrosen, Daniel (NIH/NIAID) [E]; Togias, Alkis (NIH/NIAID) [E]; Bok, Karin (NIH/VRC) [E];Read, Sarah (NIH/NIAID) [E];Auchincloss, Hugh (NIH/NIAID) [E];Deckhut, Alison (NIH/NIAID) [E];Tartakovsky, Mike (NIH/NIAID) [E];Barron, Karyl (NIH/NIAID) [E];Beigel, John (NIH) [E];Breen, Joseph (NIH/NIAID) [E];Bushar, Nicholas (NIH/NIAID) [E];Calder, Thomas (NIH/NIAID) [E];Dieffenbach, Carl (NIH/NIAID) [E];Cassetti, Cristina (NIH/NIAID) [E];Chandramouliswaran, Ishwar (NIH/NIAID) [E];Holland, Steven (NIH/NIAID) [E];Johnson, Martin S. (NIH/NIAID) [E];Kim, Peter (NIH/NIAID) [E];Ledgerwood, Julie (NIH/NIAID) [E];Leitner, Wolfgang (NIH/NIAID) [E];Payton, Manizhe (NIH/NIAID) [E]; Giovanni, Maria (NIH/NIAID) [C]; Marston, Hilary (NIH/NIAID) [E]; Marovich, Mary (NIH/NIAID) [E]; Mascola, John (NIH/VRC) [E]; Tong, Tina (NIH/NIAID) [E]; WIRELESS CALLER; WIRELESS CALLER; Graham, Barney (NIH/VRC) [E]; Hackett, Charles (NIH/NIAID) [E]; Hanson, Christopher (NIH/NIAID) [E]; Mallia, Conrad (NIH/NIAID) [E]; Crum, Wayne (NIH/NIAID) [E]; Eisinger, Robert (NIH/NIAID) [E]; Embry, Alan (NIH/NIAID) [E]; Erbelding, Emily (NIH/NIAID) [E]; Gilles, Sharon (NIH/NIAID) [E];Handley, Gray (NIH/NIAID) [E];Higgs, Elizabeth (NIH/NIAID) [E];Fenton, Matthew (b) (6); Miller, Lara (NIH/NIAID) [E]; (b) (6); McNay, Laura (NIH/NIAID) (NIH/NIAID) [E];Shaffer, Meredith (NIH/NIAID) [E];Mowatt, Michael (NIH/NIAID) [E]; (b) (6) ;Becker, Patrice (NIH/NIAID) [E];Lerner, Andrea (NIH/NIAID) [E] Subject: NIAID COVID-19 Division Directors Sync

NIAID COVID-19 Division Directors Sync

Duration: 56 Minutes 49 Seconds

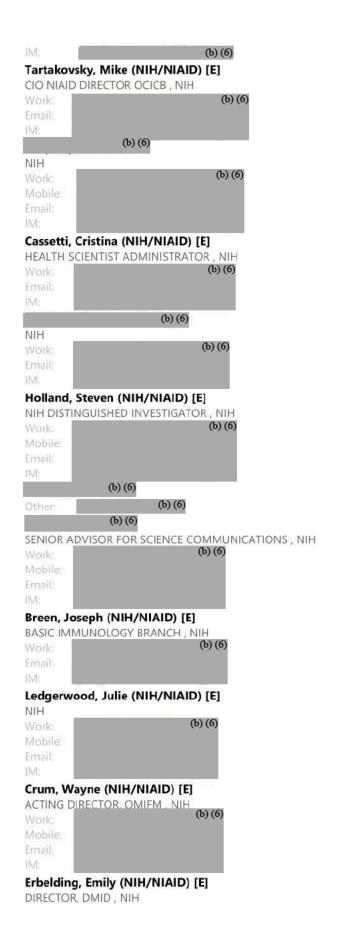




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Email:	
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Parron	Karyl (NIH/NIAID) [E]
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Pohorte	Chris (NIH/NIAID) [E]
	CIENTIST ADMINISTRATOR , NIH
Work:	(b) (6)
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Mobile:	
Email:	
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Chandra	mouliswaran, Ishwar (NIH/NIAID) [E]
NIH	42.4
Work:	(b) (6
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Higgs. E	lizabeth (NIH/NIAID) [E]
	HEALTH SCIENCE ADVISOR , NIH
Mobile:	(b) (6)
Email:	(3) (3)
IM:	
200000	
	Wolfgang (NIH/NIAID) [E]
NIH	(b) (6)
Work:	
Email:	
IM:	
Auchine	oss, Hugh (NIH/NIAID) [E]
	DIRECTOR, NIH
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2010 2012	AULIAUADO (EL
	na (NIH/NIAID) [E]
	SPECIALIST, NIH
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+	(b) (6)
Other:	(b) (6)
PARTIES.	\-/\-/

Mowatt, Michael (NIH/NIAID) [E] TECHNOLOGY DEVELOPMENT OFFICER, NIH Work Mobile: IM: matthew.fenton@niaid.nih.gov DEA DIRECTOR, NIH (b) (6) Work: Email. IM: Gilles, Sharon (NIH/NIAID) [E] SENIOR ADVISOR, NIH (b) (6) Work: Mobile: Email: IM: (b) (6) NIH (b) (6) Work: Mobile: IM: (b)(6)NIH (b) (6) Work Mobile: Email: IM: Eisinger, Robert (NIH/NIAID) [E] SPECIAL ASSISTANT FOR SCIENTIFIC PROJECTS, NIH (b) (6) Work: Mobile: IM: (b)(6)PROGRAM OFFICER, NIH Work: (b) (6) Email: IM: Beigel, John (NIH) [E] NIH (b) (6) Work: (b) (6) CHIEF, BASIC IMMUNOLOGY BRANCH, NIH Work Mobile: IM: (b) (6) DIRECTOR, OFFICE OF CLINICAL SITE OVERSIGHT, NIH Work: (b) (6)

Email.



Work: Email: IM:	(b) (6)
Marston, Hilary (N	IH/NIAID) [F]
NIH	,, [-]
Work: Email: IM:	(b) (б)
	(b) (6)
ASST. DIRECTOR FOR Work: Email: IM:	R FACILITIES AND OPERATIONS, NIAID-DIR-OD , NIH (6) (6)
Handley, Gray (NII	H/NIAID) [E]
NIH	
Work: Mobile:	(b) (6)
Email: IM:	

Skype for Business

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 1 May 2020 16:22:03 +0000

To: Schneider, Johanna (NIH/NIAID) [E]; Becker, Patrice (NIH/NIAID) [E]; Shaffer, Meredith (NIH/NIAID) [E];Blaney, Joe (NIH/NIAID) [C];Tartakovsky, Mike (NIH/NIAID) [E];Calder, Thomas (NIH/NIAID) [E]; Breen, Joseph (NIH/NIAID) [E]; Togias, Alkis (NIH/NIAID) [E]; Cassetti, Cristina (NIH/NIAID) [E];Bushar, Nicholas (NIH/NIAID) [E];Tong, Tina (NIH/NIAID) [E];Crum, Wayne (NIH/NIAID) [E]; Deckhut, Alison (NIH/NIAID) [E]; Dieffenbach, Carl (NIH/NIAID) [E]; Embry, Alan (NIH/NIAID) [E]; Erbelding, Emily (NIH/NIAID) [E]; Fenton, Matthew (NIH/NIAID) [E]; Gilles, Sharon (NIH/NIAID) [E]; Giovanni, Maria (NIH/NIAID) [C]; Johnson, Martin S. (NIH/NIAID) [E]; Kim, Peter (NIH/NIAID) [E];Leitner, Wolfgang (NIH/NIAID) [E];Lerner, Andrea (NIH/NIAID) [E];Mallia, Conrad (NIH/NIAID) [E]; Marovich, Mary (NIH/NIAID) [E]; Marston, Hilary (NIH/NIAID) [E]; Mascola, John (NIH/VRC) [E]; Miller, Lara (NIH/NIAID) [E]; Mowatt, Michael (NIH/NIAID) [E]; Graham, Barney (NIH/VRC) [E];Guest;Guest;Guest;Hackett, Charles (NIH/NIAID) [E];Handley, Gray (NIH/NIAID) [E]; Hanson, Christopher (NIH/NIAID) [E]; Harper, Jill (NIH/NIAID) [E]; Higgs, Elizabeth (NIH/NIAID) [E];Holland, Steven (NIH/NIAID) [E];Munster, Vincent (NIH/NIAID) [E]; (NIH/NIAID) [E]; Doepel, Laurie (NIH/NIAID) [E]; Read, Sarah (NIH/NIAID) [E]; Bok, Karin (NIH/VRC) [E];Roberts, Chris (NIH/NIAID) [E];Auchincloss, Hugh (NIH/NIAID) [E];Rotrosen, Daniel (NIH/NIAID) [E];Barron, Karyl (NIH/NIAID) [E]

Subject: NIAID COVID-19 Division Directors Sync

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 20 Mar 2020 18:08:10 +0000

To: Stemmy, Erik (NIH/NIAID) [E];Embry, Alan (NIH/NIAID) [E];Bok, Karin (NIH/VRC) [E];Turpin, Jim (NIH/NIAID) [E];Guest;Bryant, Paula (NIH/NIAID) [E];Vandalen, Kaci (NIH/NIAID) [E];Guest;Bushar, Nicholas (NIH/NIAID) [E];WIRELESS CALLER;Guest;Cassetti, Cristina (NIH/NIAID) [E];WIRELESS CALLER;Johnson, Martin S. (NIH/NIAID) [E];Dominique, Joyelle (NIH/NIAID) [E];WIRELESS CALLER;Yang, Linda (NIH/NIAID) [E];Lee, Kun-Lin (NIH/NIAID) [6] (6)

Subject: NIAID Coronavirus SWAT Weekly Meeting

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 1 May 2020 16:42:19 +0000

To: Rotrosen, Daniel (NIH/NIAID) [E]; Becker, Patrice (NIH/NIAID) [E]; Schneider, Johanna (NIH/NIAID) [E];Blaney, Joe (NIH/NIAID) [C];Shaffer, Meredith (NIH/NIAID) [E];Calder, Thomas (NIH/NIAID) [E];Breen, Joseph (NIH/NIAID) [E];Tartakovsky, Mike (NIH/NIAID) [E];Cassetti, Cristina (NIH/NIAID) [E];Bushar, Nicholas (NIH/NIAID) [E];Togias, Alkis (NIH/NIAID) [E];Crum, Wayne (NIH/NIAID) [E];Deckhut, Alison (NIH/NIAID) [E];Dieffenbach, Carl (NIH/NIAID) [E];Eisinger, Robert (NIH/NIAID) [E]; Embry, Alan (NIH/NIAID) [E]; Erbelding, Emily (NIH/NIAID) [E]; Fenton, Matthew (NIH/NIAID) [E]; Gilles, Sharon (NIH/NIAID) [E]; Holland, Steven (NIH/NIAID) [E]; Johnson, Martin S. (NIH/NIAID) [E];Kim, Peter (NIH/NIAID) [E];Leitner, Wolfgang (NIH/NIAID) [E];Lerner, Andrea (NIH/NIAID) [E]; Mallia, Conrad (NIH/NIAID) [E]; Marovich, Mary (NIH/NIAID) [E]; Marston, Hilary (NIH/NIAID) [E]; Mascola, John (NIH/VRC) [E]; Miller, Lara (NIH/NIAID) [E]; Tong, Tina (NIH/NIAID) [E]; Graham, Barney (NIH/VRC) [E]; Giovanni, Maria (NIH/NIAID) [C];Guest;Guest;Guest;Guest;Hackett, Charles (NIH/NIAID) [E];Handley, Gray (NIH/NIAID) [E];Hanson, Christopher (NIH/NIAID) [E]; Harper, Jill (NIH/NIAID) [E]; Higgs, Elizabeth (NIH/NIAID) [E]; Mowatt, Michael (NIH/NIAID) [E]; (b) (6); Munster, Vincent (NIH/NIAID) [E]; Doepel, Laurie (NIH/NIAID) [E]; Post, Diane (NIH/NIAID) [E]; Bok, Karin (NIH/VRC) [E]; Read, Sarah (NIH/NIAID) [E]; Auchincloss, Hugh (NIH/NIAID) [E]; Roberts, Chris (NIH/NIAID) [E]; Barron, Karyl (NIH/NIAID) [E] Subject: NIAID COVID-19 Division Directors Sync

Gray Handley (OS) 12:32 PM: Steve is breaking up badly Hilary Marston 12:34 PM:

i know - I tried muting someone which doesn't seem to be helping

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 20 Mar 2020 18:15:31 +0000

Subject: NIAID Coronavirus SWAT Weekly Meeting

(NIH/NIAID) [E]; Derocco, Amanda (NIH/NIAID) [E];

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 20 Mar 2020 19:03:15 +0000

To:

Read, Sarah (NIH/NIAID) [E];Embry, Alan (NIH/NIAID) [E];Bok, Karin (NIH/VRC) [E];Stemmy, Erik (NIH/NIAID) [E];Guest;Bryant, Paula (NIH/NIAID) [E];Turpin, Jim (NIH/NIAID) [E];Guest;Bushar, Nicholas (NIH/NIAID) [E];Vandalen, Kaci (NIH/NIAID) [E];Guest;Cassetti, Cristina (NIH/NIAID) [E];WIRELESS CALLER;Johnson, Martin S. (NIH/NIAID) [E];Dominique, Joyelle (NIH/NIAID) [E];WIRELESS CALLER;WIRELESS CALLER;Corbett, Kizzmekia (NIH/VRC) [E];

(b) (6);Yang, Linda (NIH/NIAID) [E];Lee, Kun-Lin (NIH/NIAID) [E];De wit, Emmie (NIH/NIAID) [E];Ranjan, Mukul (NIH/NIAID) [E];Graham, Barney (NIH/VRC) [E];Lerner, Andrea (NIH/NIAID) [E];Deckhut, Alison (NIH/NIAID) [E];Eisinger, Robert (NIH/NIAID) [E];Morabito, Kaitlyn (NIH/VRC) [E];Degrace, Marciela (NIH/NIAID) [E];Higgs, Elizabeth (NIH/NIAID) [E];Nason, Martha (NIH/NIAID) [E];Derocco, Amanda (NIH/NIAID) [E];

Subject: NIAID Coronavirus SWAT Weekly Meeting

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 17 Apr 2020 11:06:22 +0000

To: Boyoglu-Barnum, Seyhan (NIH/VRC) [E];Kanekiyo, Masaru (NIH/VRC) [E]

Subject: RE: ASV 2020 Abstract Decision (3398501)

Thanks Seyhan. There will be many other chances.

Barney

From: Boyoglu-Barnum, Seyhan (NIH/VRC) [E] < (b) (6) >

Sent: Friday, April 17, 2020 6:56 AM

To: Graham, Barney (NIH/VRC) [E] (b) (6) >; Kanekiyo, Masaru (NIH/VRC) [E]

(b) (6) >

Subject: Fw: ASV 2020 Abstract Decision (3398501)

Dear Barney and Masaru,

I would be giving the talk at ASV meeting If it was not cancelled. Please see below. Hopefully, I can have the same chance next year!

Thank you. Seyhan

From: American Society for Virology <onbehalfof@abstractcentral.com>

Sent: Thursday, April 16, 2020 4:23 PM

To: Boyoglu-Barnum, Seyhan (NIH/VRC) [E] (b) (6)

Subject: ASV 2020 Abstract Decision (3398501)

Thursday, 16-Apr-2020

Dear Seyhan Boyoglu-Barnum,

It is a pleasure to accept your submission (3398501) entitled "Elicitation of broad protective immunity to influenza viruses by computationally-designed hemagglutinin-based nanoparticle immunogens " for presentation at the American Society for Virology 39th Annual Meeting, June 13-17, 2020 at Colorado State University in Fort Collins, Colorado.

PRIOR TO THE CANCELLATION OF THE MEETING, you were selected to give a 15' talk in the Broadly Reactive Viral Vaccines workshop. Although the meeting has been cancelled, ASV still wants you to be able to acknowledge your abstract acceptance. It can be listed on your curriculum vitae (CV):

American Society for Virology Abstract Accepted as Oral Presentation (meeting canceled due to COVID-19 pandemic).

Thank you for your contribution. On behalf of the ASV 2020 Program Committee, we look forward to

your continued contributions.

Sincerely,

Andréa Garcia American Society for Virology
 From:
 Graham, Barney (NIH/VRC) [E]

 Sent:
 Fri, 17 Apr 2020 11:19:24 +0000

To: Stein, Judy (NIH/VRC) [C]

Cc: Mascola, John (NIH/VRC) [E];Corbett, Kizzmekia (NIH/VRC) [E];Morabito, Kaitlyn (NIH/VRC) [E];Alvarado, Gabriela (NIH/VRC) [C];Bok, Karin (NIH/VRC) [E];Andrews, Charla (NIH/NIAID) [C]

Subject: RE: SARS-CoV2 expression

Hi Judy,

Do you know where this is stuck. This person is part of NIH and we just need to send the (b) (c)

Barney

From: Petrovich, Robert (NIH/NIEHS) [E] (b) (6) > Sent: Thursday, April 16, 2020 10:16 PM

To: Graham, Barney (NIH/VRC) [E] < (b) (6) >

Cc: Stein, Judy (NIH/VRC) [C] (b) (6); Mascola, John (NIH/VRC) [E]

(b) (6); Corbett, Kizzmekia (NIH/VRC) [E] (b) (6) >; Morabito,

Kaitlyn (NIH/VRC) [E] (b) (6) >; Alvarado, Gabriela (NIH/VRC) [C]

(NIH/NIAID) [C] (b) (6); Bok, Karin (NIH/VRC) [E] (b) (6) Andrews, Charla

(NIH/NIAID) [C] **Subject:** FW: SARS-CoV2 expression

Hello All,

I know you are busy and we are not anywhere near the top priority, but I would like to know when to expect the (b) (5) I need to alert our warehouse when to expect things so that they will actually deliver them to the lab. Barney indicated to Stavros that we should have the (b) (5) by now, which I do not. I want to know if it was sent and where it was sent. I have the electronic copy of your protocols. Was the (b) (5) send to:

Robert Petrovich 111 T.W. Alexander Dr. NIEHS, room F188 RTP, NC 2770p

Thanks for your time. I appreciate your help on this.

Bob

Robert Petrovich Ph. D.
Director, Protein Expression Facility
Genome Integrity and Structural Biology Lab
National Institute of Environmental Health Sciences/NIH

From: Garantziotis, Stavros (NIH/NIEHS) [E] Sent: Tuesday, April 14, 2020 5:39 PM	(b) (6)	
To: Graham, Barney (NIH/VRC) [E] < Cc: Corbett, Kizzmekia (NIH/VRC) [E] (b) (6); Hall, Janet (NIH/NIEHS) [E] [E] (b) (6) Subject: Re: SARS-CoV2 expression	(b) (6) >; Stein, Judy (NIH/VRC) [C] (b) (6) >; Petrovich, Robert (NIH/N	NIEHS)
Indeed! We wanted to make sure he has the correct we can get working on orders and troubleshooting Best regards Stavros	(b) (5) and also ask you for the (b) (5) protoc	col so
Sent from my iPhone		
On Apr 14, 2020, at 5:31 PM, Graham, Barney (NIH/V	VRC) [E] (b) (6) > wrote:	
Just FYI. We have already sent the (b) (5) and proto Petrovich at NIEHS. It may be he has already started		pert
Best wishes,		
Barney		
Sent from my iPhone		
On Apr 14, 2020, at 5:22 PM, Garantziotis, Stavros (N	VIH/NIEHS) [E] (b) (6) (7)	wrote:
Many thanks! For reference. I am the medical direct Carolina. I am ccing my clinical director, Jan Hall. She beginning Best regards		n
Stavros		
Sent from my iPhone		
On Apr 14, 2020, at 5:20 PM, Corbett, Kizzmekia (NIF	H/VRC) [E] (b) (6) wrot	te:

ng.

Sure. We are opening sharing (b) (5) with NIH internally. I believe there is a verbal agreement needed and for that, Judy Stein is cc'ed here.

--

Kizzmekia S. Corbett, PhD

Senior Research Fellow | Scientific Lead

Coronavirus Vaccines & Immunopathogenesis (coVip) Team

Viral Pathogenesis Laboratory | Vaccine Research Center National Institutes of Allergy and Infectious Diseases National Institutes of Health

Building 40 Room 2608 40 Convent Drive Bethesda MD 20892 Laboratory: (b) (6)

Personal: (b) (6) Fax: (301) 480-2771

From: "Garantziotis, Stavros (NIH/NIEHS) [E]" (b) (6)

Date: Tuesday, April 14, 2020 at 5:18 PM

To: Kizzmekia Corbett < (b) (6)

Subject: Fwd: SARS-CoV2 expression

Dear Kizzmekia!

This is Stavros Garantziotis at the NIEHS. We are very interested in bringing your (b) (5) to our clinical research unit. We discussed with Kaitlyn Sadtler and she referred me to you (see below). Could you please share the protocol? Co-authorship in resulting papers is implied.

Best regards Stavros

Sent from my iPhone

Begin forwarded message:

From: "Sadtler, Kaitlyn (NIH/NIBIB) [E]" < (b) (6) >

Date: April 14, 2020 at 5:14:13 PM EDT

To: "Garantziotis, Stavros (NIH/NIEHS) [E]" < (b) (6)

Subject: Re: SARS-CoV2 expression

This flag didn't pop up as a reminder. You can email Kizzmekia Corbett for the adapting hers. I will reach out to see if ok to share but you can check directly with her as well.

Kaitlyn Sadtler, Ph.D. Earl Stadtman Investigator Chief, Section for Immuno-Engineering National Institute of Biomedical Imaging and Bioengineering National Institutes of Health 50 South Drive, Room 4318 Bethesda, MD 20892 Cell: (b) (6) Office: (b) (6) Fax: (301) 480-5302	
<image001.png> 30 Under 30 _ <image002.png> Fellow</image002.png></image001.png>	
go.ted.com/kaitlynsadtler	
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From: "Garantziotis, Stavros (NIH/NIEHS) [E]" < Date: Monday, April 13, 2020 at 6:57 PM To: "Petrovich, Robert (NIH/NIEHS) [E]" < [E]" < (b) (6) Subject: Re: SARS-CoV2 expression	®டு> ®டு>, "Sadtler, Kaitlyn (NIH/NIBIB)
Hi Kaitlyn Can you please provide this info and your (b) (5) ? Many thanks Stavros	
From: "Petrovich, Robert (NIH/NIEHS) [E]" < Date: Friday, April 10, 2020 at 11:31 AM To: "Garantziotis, Stavros (NIH/NIEHS) [E]" < (NIH/NIBIB) [E]" (b) (6) Subject: RE: SARS-CoV2 expression	(b) (6) >, "Sadtler, Kaitlyn
Subject. He. Stills So ve expression	

Bob

30 Under 30 || _ <image006.png>

Fellow

From: Garantziotis, Stavros (NIH/NIEHS) [E] < (b)(6)Sent: Friday, April 10, 2020 10:27 AM (b) (6) > To: Sadtler, Kaitlyn (NIH/NIBIB) [E] < (b) (6) > Cc: Petrovich, Robert (NIH/NIEHS) [E] Subject: RE: SARS-CoV2 expression Many thanks for the response! Bob, could you please comment on the (b) (5) Something you can procure or already have? Kaitlyn, whenever you can share the (b) (5) that we can start the process of adopting here, that would be greatly appreciated! Best regards Stavros From: Sadtler, Kaitlyn (NIH/NIBIB) [E] (b) (6) > Sent: Thursday, April 09, 2020 1:02 PM To: Garantziotis, Stavros (NIH/NIEHS) [E] < (b) (6) > Subject: Re: SARS-CoV2 expression We are using (b)(5)Will have to check to see if they made theirs in house but that was what it sounded like. And yes, sorry things have gotten a bit crazy! Currently trying to widdle down my inbox Cheers, Kaitlyn Kaitlyn Sadtler, Ph.D. Earl Stadtman Investigator Chief, Section for Immuno-Engineering National Institute of Biomedical Imaging and Bioengineering National Institutes of Health 50 South Drive, Room 4318 Bethesda, MD 20892 Cell: (b) (6) (b) (6) Fax: (301) 480-5302 Office: <image005.png>

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<image007.png>
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From: "Garantziotis, Stavros (NIH/NIEHS)	[E]" < (b) (6)>
Date: Thursday, April 9, 2020 at 11:29 AM	A
To: "Petrovich, Robert (NIH/NIEHS) [E]"	(b) (6) >, "Sadtler, Kaitlyn (NIH/NIBIB)
[E]" (b) (6)	
Subject: RE: SARS-CoV2 expression	
Hi Kaitlyn	
7,797 7X-2400 OH 7,0000	release, but just want to strike the iron while it is hotwould
you have a chance to comment on Bob's em	
as well?	
Best regards and many thanks	
Stavros	
From: Petrovich, Robert (NIH/NIEHS) [E]	(b) (6)>
Sent: Wednesday, April 08, 2020 3:06 PM	
To: Garantziotis, Stavros (NIH/NIEHS) [E] <	(b) (6) >; Sadtler, Kaitlyn (NIH/NIBIB) [E]
< (b) (6) >	7.2.2.2.2.1.2.1
Cc: Hall, Janet (NIH/NIEHS) [E]	(b) (6) >; Zeldin, Darryl (NIH/NIEHS) [E]
(b) (6)	
Subject: RE: SARS-CoV2 expression	
Hi Stavros,	
I have	(b) (5) (came today). I have this
	cola, Kizzmekia Corbett, Kaitlyn Morabito, Gabriela Alvarado,
Karin Bok, and Charla Andrews -NIH/VRC and	· · · · · · · · · · · · · · · · · · ·
their (b) (5) as well. I am also getting	in (b) (5)
	livit latina livia vi ava attivi dat
(h) (5)	Just let me know exactly what
(b) (5) you want and we will get it for you	le.
Bob	
From: Garantziotis, Stavros (NIH/NIEHS) [E]	(b) (6)
Sent: Wednesday, April 8, 2020 1:05 PM	
To: Sadtler, Kaitlyn (NIH/NIBIB) [E]	(b) (6)>; Petrovich, Robert (NIH/NIEHS) [E]
(b) (6)>	
Cc: Hall, Janet (NIH/NIEHS) [E]	(b) (6) >; Zeldin, Darryl (NIH/NIEHS) [E]

(b) (6) >
Subject: SARS-CoV2 expression

Hi Bob
We are in the process of working on a (b) (5)

(b) (5)

Please let me know if there is a question that I can help clarify

Many thanks!

Stavros

Stavros Garantziotis, MD
Medical Director, Clinical Research Unit
National Institute of Environmental Health Sciences
Research Triangle Park, NC 27709
Telephone (b) (6)
eFax (301)480 3011, conv. Fax(919) 541 9854

Adjunct Associate Professor of Medicine Duke University Medical Center

From: Sent: To: Subject: Attachments:	Hutchinson, Geo	y (NIH/VRC) [E] 0 11:46:47 +0000 offrey (NIH/VRC) [F] (b) (5) figures for BMGF (b) (5) figures.pptx		
Thanks Geoff,				
Appreciate your work o	n this deep into t	the night. However,∣have	several questions.	
1.				(b) (5)
2.				
3.				
Barney				
From: Hutchinson, George Sent: Friday, April 17, 2 To: Graham, Barney (NI Subject: Re:	020 2:14 AM	(b) (6)	(b) (6) >	
Hi Dr. Graham,				
Here are the slides I've	put together for	the meeting with BMGF:		
1. Short character	ization of the SAI	RS particle		(b) (5
Best,				

Geoff

From: Graham, Barney (NIH/VRC) [E]
Sent: Mon, 13 Apr 2020 16:07:12 +0000
To: Seder, Robert (NIH/VRC) [E]
Subject: Re: Immunity Vaccine Review

Hi Bob. I told them we didn't have time to do this now. Maybe in 6 months.

BG

Sent from my iPhone

On Apr 13, 2020, at 11:17 AM, Seder, Robert (NIH/VRC) [E] (b) (6) > wrote:

Barney,

Immunity contacted me about writing a review on COVID vaccines. I would defer to you and Kizze on this. If your interested, let me know and I will get back to them.

Bob

Robert A. Seder, M.D.
Chief, Cellular Immunology Section
Vaccine Research Center, NIAID, NIH
40 Convent Drive
Bethesda, Maryland 20892
Office phone: (b) (6)

From: Graham, Barney (NIH/VRC) [E]

Sent: Mon, 13 Apr 2020 16:23:30 +0000

To: lisa.hardin@jamanetwork.org

Subject: RE: (b) (6), (b) (4) Request to Review From JAMA

Sorry, but I won't be able to help with this.

Best wishes,

Barney Graham

From: lisa.hardin@jamanetwork.org <lisa.hardin@jamanetwork.org>

Sent: Monday, April 13, 2020 12:00 PM

To: Graham, Barney (NIH/VRC) [E] (b) (6)

Subject: (b) (6), (b) (4) Request to Review From JAMA

April 13, 2020

Dr Barney Graham National Institute of Allergy and Infectious Diseases 40 Convent Dr, Bldg 40, Rm 2502 Bethesda, MD 20892 United States

Dear Dr Graham:

We recently sent you a request to review a submission for the following Research Letter, '(b) (6). (b) (4)

We did not receive your response. We would appreciate your assistance in reviewing it. The abstract, if available, appears below.

We are especially interested in your assessment of the originality and quality of the manuscript and the importance and suitability of the paper for the readership of the journal.

If you accept this request by clicking below, the manuscript will be assigned to you, and you can begin the review process online. We ask that you complete your review within 3 days of agreeing. CME credit is available for physician peer reviewers whose reviews meet standards of timeliness and quality.

While most conflicts of interest are not disqualifying, if you perceive that you have a disqualifying interest, either financial or otherwise, please contact me immediately (if possible, with the names of alternate reviewers). This will not affect your reviewer status.

Please let us know within 48 hours of receipt of this email whether or not you are available to review. We look forward to hearing from you.

To agree or decline review of this manuscript, click on the link below. You will be required to enter your password. If you are unable to locate your password please click the "Unknown/Forgotten password".

Please do not share this email with anyone.

(b) (6), (b) (4)

Note: The URL may break between 2 lines in this email. If so, please cut/paste both lines into your web browser. There should be no spaces, and the complete URL ends with "Z". If you experience difficulty reaching the article, please contact me at the email or phone number below.

Our Web-based peer-review system allows you to access and review manuscripts online, available at (b) (6), (b) (4) using your standard Web browser.

Instructions to assist you in using the site are accessible from the site's top navigation bar.

We consider this request and the information in this email to be strictly confidential. Please do not forward this email to others and please delete or destroy any copies of this email.

CME CREDIT: For each manuscript review that is of good quality and is completed and returned within the specified time frame, physician peer reviewers are eligible to claim CME credits.

Thank you so much for considering this request.

Sincerely,

Jody W. Zylke, MD Deputy Editor, JAMA Letters Section Editor

Lisa Hardin, MBA, MHA Editorial Assistant II

Email: Lisa.Hardin@jamanetwork.org

Phone: 312.464.2405 Fax: 312.464.5989

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ABSTRACT			
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From: Graham, Barney (NIH/VRC) [E]

Sent: Mon, 13 Apr 2020 16:31:10 +0000

To: paula.jauregui@nature.com

Subject: RE: Nature Microbiology Review Request - Manuscript (b) (6), (b) (4)

I'm sorry, but I am too busy with the vaccine to help with this.

Barney

From: paula.jauregui@nature.com <paula.jauregui@nature.com>

Sent: Monday, April 13, 2020 7:35 AM

To: Graham, Barney (NIH/VRC) [E] (b) (6) >

Subject: Nature Microbiology Review Request - Manuscript (b) (6). (b) (4)

13th April 2020

Nature Microbiology Review Request (b) (6), (b) (4)

Dear Dr. Graham,

I hope you're doing well and that life is still somewhat normal despite the ongoing coronavirus pandemic. Here in the UK we're mostly working from home and practicing "social distancing". But work carries one here, so I am contacting you today on behalf of Nature Microbiology to ask if you would be interested in helping us assess a manuscript submitted by

(b) (6). (b) (4)

first paragraph is pasted below.

I very much hope that you will be able to advise us on this manuscript. Ideally we would like to receive your report within 14 days of receiving the paper, but please let me know if a short extension would allow you to help us with this review.

IMPORTANT

Nature Microbiology uses a transparent peer review system for new original research manuscripts submitted from 1st December 2019. If the manuscript is accepted, the authors may agree for the reviewer comments to the authors, the author rebuttal letters as well as the editorial decision letters to be published as a supplementary file associated with the manuscript. Any confidential comments between you and the editor will not be published. We do not support mark-up of the manuscript as a way of submitting reviewer comments due to the journal following transparent peer review. By submitting a reviewer report you agree to the publication of the comments made to the authors. Unless you sign the report with your name in those comments to the authors, we will respect and maintain your full anonymity. For more information, please refer to our FAQ page.

If you are unable to review this paper, we would be grateful if you could suggest potential alternative reviewers, keeping in mind that Nature-branded journals strive toward an equitable demographic

representation within our reviewer pool, for example, with respect to gender and geography. More information about our commitment to diversity can be found here.

Thank you in advance for your help, and I look forward to hearing from you soon.

With best wishes, Paula

Paula Jauregui, PhD Associate Editor Nature Microbiology

orcid.org/0000-0001-9677-3822

4 Crinan St, London, N1 9XW +44 207 014 4288 paula.jauregui@nature.com



Please note that your contact details are being held on our editorial databases which are used only for

the management of the peer review process, and we might contact you in relation to Nature Research journals other than this one when your expertise is appropriate. If you would prefer us not to contact you in the future please let us know by emailing microbiology@nature.com.

COVID 19 and impact on peer review

As a result of the significant disruption that is being caused by the COVID-19 pandemic we are very aware that many researchers will have difficulty in meeting the timelines associated with our peer review process during normal times. Please do let us know if you need additional time. Our systems will continue to remind you of the original timelines but we intend to be highly flexible at this time.

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From: Graham, Barney (NIH/VRC) [E] **Sent:** Mon, 13 Apr 2020 16:44:17 +0000

To: Tesfaya, Selamawit (OS/ASPR/BARDA) (CTR)

Subject: Accepted: COVID-19 Advanced Development Planning Meeting

From: Graham, Barney (NIH/VRC) [E]
Sent: Fri, 17 Apr 2020 11:49:46 +0000

To: Corbett, Kizzmekia (NIH/VRC) [E]; Chang, Lauren (NIH/VRC) [F]; Phung, Emily

(NIH/VRC) [F]; Abiona, Olubukola (NIH/VRC) [F]

Cc: Kanekiyo, Masaru (NIH/VRC) [E];Ruckwardt, Tracy (NIH/VRC) [E];Morabito,

Kaitlyn (NIH/VRC) [E]; Alvarado, Gabriela (NIH/VRC) [C]; Carlton, Kevin (NIH/VRC) [E]

Subject: RE: Shipping Protocol for coVip (b) (6) - To Start Wednesday, 03/08/2020

We should go over the plan in a team meeting to make sure everyone can keep up with this.

Thanks,

Barney

From: Corbett, Kizzmekia (NIH/VRC) [E] (b) (6)

Sent: Thursday, April 16, 2020 10:32 PM

To: Chang, Lauren (NIH/VRC) [F] (b) (6) >; Phung, Emily (NIH/VRC) [F] (b) (6) >; Abiona, Olubukola (NIH/VRC) [F] < (b) (6) >

Cc: Graham, Barney (NIH/VRC) [E] (b) (6)>; Kanekiyo, Masaru (NIH/VRC) [E]

(b) (6) >; Ruckwardt, Tracy (NIH/VRC) [E] (b) (6); Morabito,

Kaitlyn (NIH/VRC) [E] (b) (6) Alvarado, Gabriela (NIH/VRC) [C]

(b) (6) >; Carlton, Kevin (NIH/VRC) [E] (b) (6)

Subject: Re: Shipping Protocol for coVip (b) (6) - To Start Wednesday, 03/08/2020

Hi all,

Please see updates on this protocol below:

__

Kizzmekia S. Corbett, PhD

Senior Research Fellow | Scientific Lead

Coronavirus Vaccines & Immunopathogenesis (coVip) Team

Viral Pathogenesis Laboratory | Vaccine Research Center National Institutes of Allergy and Infectious Diseases

National Institutes of Health

Building 40 Room 2608

40 Convent Drive

Bethesda MD 20892

Laboratory: (b) (6)
Personal: (b) (6)
Fax: (301) 480-2771

From: Kizzmekia Corb	ett <	(b) (6) >		
Date: Monday, April 6	, 2020 at 10:17 PM			
To: "Chang, Lauren (N		©, "Phung, E	mily (NIH/VRC	() [F]"
(b) (d	୭>, "Abiona, Olubukola (NII	H/VRC) [F]"		(b) (6) >
Cc: Barney Graham	(b) (б) >, "K	anekiyo, Masaru (NIF	1/VRC) [E]"	
	(b) (6) >, "Ruckwardt, Tracy	(NIH/VRC) [E]" <		(b) (6)>,
Kaitlyn Morabito	(b) (6)>, "A	Alvarado, Gabriela (NI	H/VRC) [C]"	
	(b) (6)>, Kevin Carlton	(b) (6) >		
Subject: Shipping Prot		Start Wednesday, 0	3/08/2020	
		readous variationals feloral francis investigation in vicinity is selected at the ₹ 1990 to 1990 to		
Good evening all,				
	has come together to facilita	nte an organized shippir	ng protocol for i	ncoming
CoV (b) (6) requests.		er kennt selve ett til de sen de værer i treverk sen til disserer di fansk var se er fledere ke		#####################################
				(b) (5), (b) (3) (A)



Let's see how this week goes, and amend aptly. I hear that Jason McLellan and Florian hired shippers to fulfill their requests so in our case, *teamwork makes the dreams work*, as always.

Cheers,

--

Kizzmekia S. Corbett, PhD

Senior Research Fellow | Scientific Lead

Coronavirus Vaccines & Immunopathogenesis (coVip) Team

Viral Pathogenesis Laboratory | Vaccine Research Center National Institutes of Allergy and Infectious Diseases National Institutes of Health

Building 40 Room 2608 40 Convent Drive Bethesda MD 20892

Laboratory: (b) (6)
Personal: (b) (6)

Fax: (301) 480-2771

Cc: Subject:	Mascola, John (NIH/VRC) [E] RE: Greetings and A Perspective
	ner ereemigs and reverse ereemine
	(6) (4)
Barney	
From: Mark Feinberg Sent: Monday, April 13,	(b) (6) 2020 1:33 PM
To: Graham, Barney (NI Subject: Greetings and	H/VRC) [E] (b) (6)
5a (5a)	The dispective
Dear Barney,	and that consider the CARC CaV
	s you and yours doing well and that your very important SARS-CoV- progressing exceptionally quickly and well.
	(b) (4)
me know if you have	(b) (4). Please let e any questions or would like any additional information about this.
Be well,	y any queenene en meana me any adamena membrana access and
Very best,	
Mark	

Graham, Barney (NIH/VRC) [E]

Mark Feinberg

Mon, 13 Apr 2020 17:47:30 +0000

From:

Sent:

To: