Message

From: Keigwin, Richard [Keigwin.Richard@epa.gov]
Sent: 9/12/2017 10:33:19 AM
To: Layne, Arnold [Layne.Arnold@epa.gov]
Subject: Fwd: VERV launch....Duke Offices, DC

This is the rollout of that paper that Lois sent to us. I think you are out of the office and I have some conflicts. Is there someone else that should attend?

Rick Keigwin
Acting Director, Office of Pesticide Programs
U.S. Environmental Protection Agency
Sent from my iPhone

Begin forwarded message:

> **From:** Nick Hamon <nick.hamon@ivcc.com>
> **Date:** September 12, 2017 at 1:13:59 AM EDT
> **To:** "Keigwin, Richard" <Keigwin.Richard@epa.gov>
> **Cc:** "Lois Rossi Ex. 6 Personal Privacy (PP)
> **Subject: VERV launch....Duke Offices, DC**
>
> Dear Rick,
> There is a site set up for registration for the launch/press conference on the 15th....I have only just been made aware of this: http://rsvp.duke.edu/d/n5qhcy
> Kind regards
> Nick
>
> Nick Hamon Ph.D.
> CEO, IVCC
> Pembroke Place
> Liverpool L3 5QA
> Tel: +44 (0) 151 705 3124
> Fax: +44 (0) 151 705 3345
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>
> IVCC Building Partnerships Creating Solutions Saving Lives
>
> The information contained in this communication is confidential and intended only for the use of the individual or entity named above. If you have received this communication in error, please delete the original message and notify us immediately.
>
> **From:** Keigwin, Richard [mailto:Keigwin.Richard@epa.gov]
> **Sent:** 22 August 2017 22:49
> **To:** Nick Hamon <nick.hamon@ivcc.com>

Cc: Lois Rossi Ex. 6 Personal Privacy (PP)
Subject: RE: Thank you

Nick—

Thanks for your very kind note. Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

Here is a boilerplate non-disclosure agreement that we have used in the past. If this is something that you'd like to pursue so that we can have a freer discussion on some of the work you are doing, we would ask that you take a stab at completing the attached. I can then have our Office of General Counsel review the agreement.

Looking forward to continuing to learn about the work you are doing.

--Rick

Rick Keigwin
Acting Director, Office of Pesticide Programs
US Environmental Protection Agency

From: Nick Hamon [mailto:nick.hamon@ivcc.com]
Sent: Tuesday, August 22, 2017 9:22 AM
To: Keigwin, Richard <Keigwin.Richard@epa.gov>
Subject: Thank you

Dear Rick,

Ex. 6 Personal Privacy (PP)

Thank you for the positive response to the VERV concept. I understand that back in 2006, when the PRV paper published, FDA were less than enthusiastic. Even with that underwhelming support, the PRV made it into law in about 12 months. Times have changed and there is now a general recognition that we are thin on vector control tools in the public health toolbox, and almost nothing for an emergency response. I am hoping that a VERV will incentivise the Fortune 500 ag companies to rethink their public health strategies and put vector control / pest control back on the R&D agenda. It is becoming increasingly hard to raise money to support the development of novel chemistry/modes of action targeted at vectors...and even if we have the funding many of the companies do not see a return on investment in a commodity market. In fact, even with a VERV it is hard turn the NPV for novel insecticide development positive.

For background, I have attached a pdf of my slides for the ACS conference talk I am giving here in DC tomorrow. I do briefly mention VERV. I think this slide set addresses some of the key challenges we face

as a Product Development Partnership in keeping innovators engaged. I have also attached the 2016 IVCC annual report that gives a reasonable overview of what we are trying to achieve with the support of USAID/PMI, BMGF, UKAID, SDC and UNITAID. I do believe that a VERV could be transformational and represent a win-win for EPA, the ag company innovator and funders, but in particular for Global public health and malaria/NTD eradication.

I look forward to working with you on the next steps. On 15th September 2017 at the Duke University offices in Washington DC (1201 Pennsylvania Avenue NW, Suite 500) we have the 'launch' / press conference for the Vector Expedited Review Voucher initiative. David Ridley and Jeff Moe will be presenting. Unfortunately, I am away in South Africa but IVCC will be represented by Jason Richardson (ex. AFPMB).

Event Name: Policy Solutions for Health Innovation: New Proposals for Market-Based Incentives

Time, Location: September 15, 2017, 7:30 – 9:15 am
Duke in DC Large Conference Room
1201 Pennsylvania Avenue NW, Suite 500
Washington DC

Sponsors: Duke-Margolis Center for Health Policy
Duke Executive Education, Fuqua School of Business

Objectives: Highlight Duke policy research

Audience: Congressional staffers associated with committees that influence health care and the EPA
Fuqua alumni in health care in the DC area
Prospective executive education students/companies

Event format: 7:30-8:00 Continental Breakfast & Networking (pre-function area)
8:00-9:15 Presentations and Q&A (large classroom)

Event flow (draft):

8:00 Welcome and Introductions
Mark McClellan, MD, PhD, Director, Duke-Margolis Center for Health Policy
Robert J. Margolis Professor of Business, Medicine and Health Policy

8:05-8:25 Economic Incentives for Antimicrobial Drugs
Mark McClellan, MD, PhD
Gregory Daniel, PHD, MPH, Deputy Director, Duke-Margolis Center for Health Policy, Professor of the Practice, Fuqua School of Business

8:25-8:35 Q&A

8:35-8:55 A Voucher System to Promote a New Generation of Insecticides to Fight Vector-Borne Diseases
David B. Ridley, PhD, Dr. and Mrs. Frank A. Riddick Professor of the Practice of Business

Jeffrey Moe, PhD
Professor of the Practice, Global Health, Duke Global Health Institute

8:55-9:05	Q&A
9:05-9:15	Wrap up

Kind regards

Nick

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