Message

From: Thayer, Kris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3CE4AE3F107749C6815F243260DF98C3-THAYER, KRI]
Sent: 9/27/2018 5:33:38 PM
To: Lu, Kun [kunlu@unc.edu]; White, Kimberly [Kimberly_White@americanchemistry.com]
CC: Bahadori, Tina [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7da7967dcafb4c5bbc39c666fee31ec3-Bahadori, Tina]; Orme-Zavaleta, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3c5a111dc377411595e5b24b5d96146b-Orme-Zavaleta, Jennifer]
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Kimberly,

Okay, looks like we are closing in on a date.

You probably realize this but all materials presented, roster of attendees, and a summary of the meeting will be posted on the IRIS website under "stakeholder requested meetings."

Sincerely,

Kris

From: Lu, Kun [mailto:kunlu@unc.edu]
Sent: Thursday, September 27, 2018 7:11 AM
To: White, Kimberly <Kimberly_White@americanchemistry.com>
Cc: Thayer, Kris <thayer.kris@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Subject: Re: New Formaldehyde Research and Meeting with EPA Scientists

Work for me.

Kun

On Sep 27, 2018, at 5:59 AM, White, Kimberly <Kimberly_White@americanchemistry.com> wrote:

> Could 11am -12:30pm work?
>
> -------- Original Message --------
> Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists
> From: "Thayer, Kris" <thayer.kris@epa.gov>
> Date: Sep 26, 2018, 9:07 PM
> To: "Lu, Kun" <kunlu@unc.edu>,"White, Kimberly" <Kimberly_White@americanchemistry.com>
> Ugh. Before lunch works better for us.
>
> ---
>
> **From:** Lu, Kun [mailto:kunlu@unc.edu]
> **Sent:** Wednesday, September 26, 2018 9:03 PM
> **To:** White, Kimberly <Kimberly_White@americanchemistry.com>
> **Cc:** Thayer, Kris <thayer.kris@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Orme-Zavaleta,

Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Subject: Re: New Formaldehyde Research and Meeting with EPA Scientists

Dear Kimberly,

Yes. Nov 20th would work.
Early afternoon is good or after 11 AM in the morning (I will be teaching until 10:45 AM).

Thanks.

Best,
Kun

On Sep 26, 2018, at 5:06 PM, White, Kimberly <Kimberly_White@americanchemistry.com> wrote:

> Dear Kris,
>
> Thanks for the follow-up.
>
> Dr. Lu, can you confirm that November 20th in the morning-early afternoon would work for you as well?
>
> Kind Regards,
>
> Kimberly Wise White, Ph.D. | American Chemistry Council
> Senior Director, Chemical Products & Technology Division
> Kimberly_White@americanchemistry.com
> 700 2nd Street NE | Washington, DC | 20002
> O: (202) 249-6707 C: (202) 341-7602
> www.americanchemistry.com
>
> ---
>
> **From:** Thayer, Kris [mailto:thayer.kris@epa.gov]
> **Sent:** Wednesday, September 26, 2018 3:58 PM
> **To:** White, Kimberly <Kimberly_White@americanchemistry.com>
> **Cc:** Bahadori, Tina <Bahadori.Tina@epa.gov>; kunlu@unc.edu; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
> **Subject:** RE: New Formaldehyde Research and Meeting with EPA Scientists
>
> Kimberly,
>
> Only the morning-early afternoon of November 20th seems to be an option for me and the team leads.
>
> Sincerely,
>
> Kris
>
> ---
>
> **From:** White, Kimberly [mailto:Kimberly_White@americanchemistry.com]
> **Sent:** Tuesday, September 25, 2018 7:18 AM
> **To:** Thayer, Kris <thayer.kris@epa.gov>
> **Cc:** Bahadori, Tina <Bahadori.Tina@epa.gov>; kunlu@unc.edu; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
> **Subject:** RE: New Formaldehyde Research and Meeting with EPA Scientists

Dear Kris,

Based on your availability, how about targeting November 12th, 13th, 19th or 20th? Dr. Lu, are any of these dates better for you based on your schedule.

For length, if EPA scheduling permits, ~1 hour to review the research and address EPA questions, then approximately 30 minutes to tour the laboratory facilities.

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council
Senior Director, Chemical Products & Technology Division
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From: Thayer, Kris [mailto:thayer.kris@epa.gov]
Sent: Monday, September 24, 2018 9:48 PM
To: White, Kimberly <Kimberly_White@americanchemistry.com>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; kunlu@unc.edu; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Kimberly – my October is a total disaster with travel and I'm on annual leave the week of November 5th. Can we aim for a bit later in November?

And how long were you thinking for the teleconference and web participation portion – 1 hr?

Sincerely,

Kris

Kristina Thayer, Ph.D.
Director, Integrated Risk Information System (IRIS) Division
National Center for Environmental Assessment, NCEA
ORD, USEPA
Mail Code: B243-01
Building: Bldg B (Room B211I)
Research Triangle Park, NC 27711
(919) 541-0152 RTP
Skype: kristina.thayer
thayer.kris@epa.gov

From: White, Kimberly [mailto:Kimberly_White@americanchemistry.com]
Sent: Friday, September 21, 2018 6:46 AM
To: Thayer, Kris <thayer.kris@epa.gov>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; kunlu@unc.edu; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Dear Kris:

Thanks for the follow-up. Teleconference and web participation could be facilitated at UNC. Let's look at some dates the week of October 22nd, the week of October 29th and the week of November 5th to see if we can find something that works.

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council
Senior Director, Chemical Products & Technology Division
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From: Thayer, Kris [mailto:thayer.kris@epa.gov]
Sent: Thursday, September 20, 2018 6:23 PM
To: White, Kimberly <Kimberly_White@americanchemistry.com>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; kunlu@unc.edu; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Thanks Kimberly,

I could certainly meet at UNC because I'm local, but the core formaldehyde team is in Washington DC and we need to be vigilant to limited travel resources. So, at least part of the meeting will need to be remote to DC. If held at EPA-RTP, then we use a video connection. If at UNC, then we can do that portion via audio/skype/adobe.

Thoughts?

Sincerely,

Kris

Kristina Thayer, Ph.D.
Director, Integrated Risk Information System (IRIS) Division
National Center for Environmental Assessment, NCEA
ORD, USEPA
Mail Code: B243-01
Building: Bldg B (Room B211I)
Research Triangle Park, NC 27711
(919) 541-0152 RTP
Skype: kristina.thayer
thayer.kris@epa.gov

From: White, Kimberly [mailto:Kimberly_White@americanchemistry.com]
Sent: Thursday, September 20, 2018 12:30 PM
To: Thayer, Kris <thayer.kris@epa.gov>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; kunlu@unc.edu; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Dear Kris,

I have had an opportunity to speak with Dr. Lu and if possible the preference would be to meet at UNC given his laboratory and teaching responsibilities. It would also give the EPA scientists an opportunity to tour the laboratory and the analytical equipment used in the research. Dr. Lu can you provide some specific dates in late October or early November that work best based on your schedule?

Kind Regards,

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From: Thayer, Kris [mailto:thayer.kris@epa.gov]
Sent: Friday, September 14, 2018 12:22 PM
To: White, Kimberly <Kimberly_White@americanchemistry.com>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; kunlu@unc.edu; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Kimberly,

Thanks for your well wishes, breezy here at the moment with rain but not continuous (yet).

The formaldehyde team is based in DC. Can we arrange a meeting there? If travel is an issue for the UNC researchers perhaps we can explore video or other remote attendance options.

I have an very heavy travel schedule in October and not really available until the last week in October. Is that a possibility?

Sincerely,

Kris

Kristina Thayer, Ph.D.
Director, Integrated Risk Information System (IRIS) Division
National Center for Environmental Assessment, NCEA
ORD, USEPA
Mail Code: B243-01
Building: Bldg B (Room B211I)
Research Triangle Park, NC 27711
(919) 541-0152 RTP
Skype: kristina.thayer
thayer.kris@epa.gov

From: White, Kimberly [mailto:Kimberly_White@americanchemistry.com]
Sent: Friday, September 14, 2018 9:24 AM
To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; kunlu@unc.edu
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Okay, sounds good. Thank you, have a good start to your Friday and I send well wishes for the safety of all the EPA staff and citizens in the RTP area that are enduring the hurricane.

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council
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From: Orme-Zavaleta, Jennifer [mailto:Orme-Zavaleta.Jennifer@epa.gov]
Sent: Friday, September 14, 2018 9:15 AM
To: White, Kimberly <Kimberly_White@americanchemistry.com>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; kunlu@unc.edu
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Thanks for the reminder and I apologize for the delay. Now that folks are back from vacation, and we get past this hurricane, will follow up with dates.

Jennifer Orme-Zavaleta, PhD
Principal Deputy Assistant Administrator for Science
Office of Research and Development
US Environmental Protection Agency
Cell 919-699-1564
DC 202-564-6620
RTP 919-541-2283

From: White, Kimberly [mailto:Kimberly_White@americanchemistry.com]
Sent: Friday, September 14, 2018 7:19 AM
To: Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; kunlu@unc.edu
Subject: RE: New Formaldehyde Research and Meeting with EPA Scientists

Dear Dr. Orme-Zavaleta,

I wanted to follow-up regarding if you've identified some possible dates in the near future for UNC researchers to meet with EPA scientists.

Kind Regards,

Kimberly Wise White, Ph.D. | American Chemistry Council
Senior Director, Chemical Products & Technology Division
Kimberly_White@americanchemistry.com

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From: Orme-Zavaleta, Jennifer [mailto:Orme-Zavaleta.Jennifer@epa.gov]
Sent: Thursday, August 23, 2018 7:04 AM
To: White, Kimberly <Kimberly_White@americanchemistry.com>
Cc: Bahadori, Tina <Bahadori.Tina@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; kunlu@unc.edu
Subject: Re: New Formaldehyde Research and Meeting with EPA Scientists

Thank you for letting us know about this work and sharing the abstract. I will be back in touch on getting together with the researchers to hear about their work.

Thanks again and hope you are enjoying the summer!

Jennifer

Jennifer Orme-Zavaleta, PhD
Principal Deputy Assistant Administrator for Science
Office of Research and Development
US EPA
Cell 919-699-1564
DC 202-564-6620
RTP 919-541-2283

On Aug 22, 2018, at 4:53 PM, White, Kimberly <Kimberly_White@americanchemistry.com> wrote:

> Dear Dr. Orme-Zavaleta,
>
> Previously, the ACC Formaldehyde Panel alerted the Agency to ongoing formaldehyde research at the University of North Carolina. Specifically, the research includes a 28 day in vivo (nose only) inhalation study where rats were exposed to radio-labeled formaldehyde at 0, 1, 30 or 300 ppb. Following exposures, tissue samples were collected from the nasal and upper respiratory tract, lung, bone marrow, liver, cerebrum, hippocampus, olfactory bulb, blood and plasma, for analysis. The research is now complete, will be presented at the 2018 EuroTox meeting (see attached abstract) and the UNC scientists are working to prepare a manuscript for submission to a peer reviewed journal. Dr. Swenberg has recently retired and Dr. Kun Lu leads the research activities. We would welcome the opportunity for EPA scientists and UNC researchers to meet and discuss the research findings. Is there a time in the near future to schedule an in person meeting at UNC with the researchers?
>
> Kind Regards,
>
> Kimberly Wise White, Ph.D. | American Chemistry Council
> Senior Director, Chemical Products & Technology Division
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<2018 EuroTox Meeting Abstract on UNC Research.pdf>

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