

From: [Blair, Aaron \(NIH/NCI\) \[V\]](#)
To: [Beane-Freeman, Laura \(NIH/NCI\) \[E\]](#); [Zahm, Shelia \(NIH/NCI\) \[C\]](#)
Subject: RE: Glyphosate and NHL presentation [ISEE Conference]
Date: Wednesday, August 26, 2015 5:03:09 PM

Sorry, I remember now. Should I do something, is it okay as is.

I think we also also to provide some suggested talking points about how these findings relate to the IARC evaluation in case Manisha gets asked questions at her presentation. Here is what I am thinking. What do you think. Once we agree, Laura can suggest this to Manisha and the rest of the group.

- 1) These studies were all considered for the IARC Monograph on glyphosate. These combined data show an excess for NHL as did the U.S. and Canadian studies separately.
- 2) Pooling provided larger numbers and opportunities to perform analyses not possible in the individual studies, e.g., by histologic type.
- 3) A positive trend for NHL occurred with days per year and cumulative days of use of glyphosate, but not for duration (years) of use.
- 4) There were hints of differences for these use metrics among the histologic types, although they were not statistically different across the histologic types.
- 3) Adjustment for use of 2,4-D, dicamba, and malathion reduced the ORs. Although excesses still occurred, they were no longer statistically significant.
- 4) These data, although far from conclusive, suggest that the association between glyphosate and NHL might differ by histologic type. FL was not linked to glyphosate at all.

From: Beane-Freeman, Laura (NIH/NCI) [E]
Sent: Wednesday, August 26, 2015 4:35 PM
To: Zahm, Shelia (NIH/NCI) [C]; Blair, Aaron (NIH/NCI) [V]
Subject: RE: Glyphosate and NHL presentation [ISEE Conference]

Ok.

From: Zahm, Shelia (NIH/NCI) [C]
Sent: Wednesday, August 26, 2015 4:34 PM
To: Beane-Freeman, Laura (NIH/NCI) [E]; Blair, Aaron (NIH/NCI) [V]
Subject: RE: Glyphosate and NHL presentation [ISEE Conference]



Manisha can send to Kurt, and Jennifer can send to her IARC press contact.

From: Beane-Freeman, Laura (NIH/NCI) [E]
Sent: Wednesday, August 26, 2015 4:33 PM
To: Blair, Aaron (NIH/NCI) [V]
Cc: Zahm, Shelia (NIH/NCI) [C]
Subject: RE: Glyphosate and NHL presentation [ISEE Conference]

I thought that we were going to do that here through Jennifer L and her contact with the IARC communications person?

From: Blair, Aaron (NIH/NCI) [V]
Sent: Wednesday, August 26, 2015 4:33 PM
To: Pahwa, Manisha; Beane-Freeman, Laura (NIH/NCI) [E]; [jmclaugh](#) [REDACTED]; [jspinell](#) [REDACTED]; [pup165](#) [REDACTED]; [james.dosmar](#) [REDACTED]; Weisenburger, Dennis; Cantor, Kenneth (NIH/NCI) [C]; Zahm, Shelia (NIH/NCI) [C]
Cc: Harris, Shelley; Demers, Paul
Subject: RE: Glyphosate and NHL presentation [ISEE Conference]

Manisha,

Thanks. Have any of the other coauthors weighed in about notifying IARC in advance?

I think sending them the abstract you submitted and the final slides before the ISEE meeting just for their information might be useful. They should probably go to Kurt Straif, who is head of the Monograph program.

Aaron

From: Pahwa, Manisha [REDACTED]
Sent: Wednesday, August 26, 2015 4:22 PM
To: Blair, Aaron (NIH/NCI) [V]; Beane-Freeman, Laura (NIH/NCI) [E]; [jmclaugh](#) [REDACTED]; [jspinell](#) [REDACTED]; [pup165](#) [REDACTED]; [james.dosmar](#) [REDACTED]; Weisenburger, Dennis; Cantor, Kenneth (NIH/NCI) [C]; Zahm, Shelia (NIH/NCI) [C]
Cc: Harris, Shelley; Demers, Paul
Subject: RE: Glyphosate and NHL presentation [ISEE Conference]

Hi Aaron,

Yes, absolutely! I'm now revising the slides according to the comments that I have received so far from you, John S., John M., and Laura. A few others have responded but with no comments. I will send everyone a revised slide deck this evening. Hopefully, this will allow enough time to share the slides with others at NCI. If any further changes need to be made, I will address them right away and send the final slides to our co-authors prior to my presentation. Does that sound like a good plan?

To address the questions in your earlier e-mail, the abstract does not appear on the ISEE website or in the conference program. I can prepare a final version of the slides for IARC if you would like. I agree that it would be best for me to not deal with any potential press while at the conference, but I will develop "talking points" that could assist with responses to interviews that may arise following the meeting. I'll draft talking points today and disseminate to the group along with my revised slides.

Thanks to you and everyone for your rapid and helpful feedback!

Speak again soon,

Manisha

From: Blair, Aaron (NIH/NCI) [V] [REDACTED]
Sent: Wednesday, August 26, 2015 4:11 PM
To: Pahwa, Manisha [REDACTED]; Beane-Freeman, Laura (NIH/NCI) [E] <freemala@nih.gov>; jmclaugh@nih.gov; jspinell@nih.gov; pup165@nih.gov; james.dosmar@nih.gov; Weisenburger, Dennis <[REDACTED]>; Cantor, Kenneth (NIH/NCI) [C] [REDACTED]; Zahm, Shelia (NIH/NCI) [C] [REDACTED]
Cc: Harris, Shelley [REDACTED]; Demers, Paul [REDACTED]
>
Subject: RE: Glyphosate and NHL presentation [ISEE Conference]

Manisha,

Thanks for circulating the slides. You did a good job.

Will you be able to get a new set out for us to look at before you depart for ISEE?

Aaron

From: Pahwa, Manisha [REDACTED]
Sent: Tuesday, August 25, 2015 4:29 PM
To: Beane-Freeman, Laura (NIH/NCI) [E]; Blair, Aaron (NIH/NCI) [V]; jmclaugh@nih.gov; jspinell@nih.gov; pup165@nih.gov; james.dosmar@nih.gov; Weisenburger, Dennis; Cantor, Kenneth (NIH/NCI) [C]; Zahm, Shelia (NIH/NCI) [C]
Cc: Harris, Shelley; Demers, Paul
Subject: Glyphosate and NHL presentation [ISEE Conference]

Dear all,

Next week Monday, August 31 I will be presenting the results of my analysis of glyphosate use and NHL risk in the NAPP at the International Society for Environmental Epidemiology (ISEE) Conference in Sao Paulo. My slide deck is attached and I thought it would be best to share this with you given the sensitivity of the topic. Please feel free to send me your feedback, ideally by Saturday evening.

Thank you, and please let me know if you have any questions or would like additional information.

Manisha

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