Appointment

From: Kraft, Andrew [Kraft.Andrew@epa.gov]
Sent: 11/4/2013 10:35:44 PM
To: Kraft, Andrew [Kraft.Andrew@epa.gov]; Schlosser, Paul [Schlosser.Paul@epa.gov]; Ball, James [ball.james@epa.gov]; Vulimiri, Suryanarayana [Vulimiri.Sury@epa.gov]; Subramaniam, Ravi [Subramaniam.Ravi@epa.gov]; Glenn, Barbara [Glenn.Barbara@epa.gov]

Subject: Endogenous formaldehyde- defining what is still outstanding; Call in Ex. 6 Personal Privacy (PP)
Attachments: Discussion of endogenous in methanol assessment.docx; Formaldehyde TK092613.docx
Location: DCRoomPYN7771-North/ORD-NCEA-DC

Start: 11/7/2013 6:00:00 PM
End: 11/7/2013 7:00:00 PM
Show Time As: Busy

Required Attendees: Schlosser, Paul; Ball, James; Vulimiri, Suryanarayana; Subramaniam, Ravi; Glenn, Barbara

compile what was previously discussed, what was resolved, and what is still needed to complete this section.

A version from September is attached (thanks, Sury!), which incorporates many of the group's comments/ discussions (see Section B.2). I have also included what was done for methanol. A couple of example questions to consider (some/ many of which are probably completely addressed):

- Does it clearly articulate our perspective on systemic delivery of formaldehyde?
- Does it outline the uncertainties associated with potential differences between formaldehyde derived endogenously versus from inhaled formaldehyde? Are there any known or potential differences, or is formaldehyde just formaldehyde, regardless of where it comes from?
- Does it characterize what is known about reactivity of formaldehyde (with GSH, etc.) in the free versus "bound" state, and the implications of this knowledge for characterizing risk?
- Is a clear explanation provided for the exhaled breath studies' limitations and what we conclude about levels in exhaled breath?
- To the extent possible, does it explain the reliability and interpretability of the adduct data? Does it address the elephant in the room: namely, how to explain the high endogenous adducts, as compared to the exogenous adducts, in the nasal epithelium… or what the relatively small increase in exogenous means?

Formaldehyde TK092613.docx

Discussion of endogenous in m...