

US EPA ARCHIVE DOCUMENT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
HUMAN STUDIES REVIEW BOARD (HSRB)  
PUBLIC TELECONFERENCE MEETING  
AGENDA

Wednesday, January 11, 2012  
1:00 pm - 4:00 pm (Eastern Time)\*

HSRB MEETING FOR REVIEW AND APPROVAL OF THE  
DRAFT OCTOBER 19-20, 2011 HSRB MEETING REPORT

HSRB WEB SITE <http://www.epa.gov/osa/hsrb/>  
Docket Telephone: (202) 566 1752  
Docket Number: EPA-HQ-ORD-2011-0953

Meeting location via telephone only  
Dial in number 866-299-3188; conference code 2025647189

- 1:00 PM Convene Meeting and Identification of Board Members – Jim Downing  
(Designated Federal Officer, EPA HSRB, OSA)
- 1:10 PM\* Meeting Administrative Procedures – Jim Downing, DFO
- 1:15 PM Meeting Process – Sean Philpott, Ph.D. (HSRB Chair)
- 1:20 PM Public Comments
- 1:30 PM Board Discussion and Decision on Final Report – Sean Philpott, Ph.D. (HSRB  
Chair)

The Board's response to EPA charge questions presented at the October 19-20, 2011 meeting.

**A new scenario design and associated protocol from the Antimicrobial Exposure Assessment Task Force II (AEATF-II), describing proposed research to monitor the dermal and inhalation exposure of workers while pouring liquid antimicrobial pesticide products from both conventional and reduced-splash containers.**

Charge to the Board:

If the AEATF liquid pour study proposal is revised as suggested in EPA's review and if the research is performed as described:

- Is the research likely to generate scientifically reliable data, useful for assessing the exposure of individuals who manually pour liquid antimicrobial products?
- Is the research likely to meet the applicable requirements of 40 CFR part 26, subparts K and L?

**A new scenario design and associated protocols from the Agricultural Handler Exposure Task Force (AHETF) describing proposed research to measure dermal and inhalation**

\*Note that agenda times are approximate. For further information, please contact the Designated Federal Officer for this meeting, Jim Downing via telephone: (202) 564-2468 or email: [downing.jim@epa.gov](mailto:downing.jim@epa.gov)

**exposure to workers who use closed system equipment to load liquid pesticide products from returnable and non-returnable containers.**

Charge to the Board:

If the AHETF closed system liquid loading study proposal is revised as suggested in EPA's review and if the research is performed as described:

- Is the research likely to generate scientifically reliable data, useful for assessing the exposure of workers using closed systems to load liquid pesticide products from returnable or non-returnable containers?
- Is the research likely to meet the applicable requirements of 40 CFR part 26, subparts K and L?

**A completed Carroll-Loye Biological Research, Inc. (CLBR) study (No Mas 003) to evaluate the field repellent efficacy against mosquitoes of a product containing 16% para-methane-3,8-diol and 2% lemongrass oil.**

Charge to the Board:

- Is the CLBR completed study No Mas 003 sufficiently sound, from a scientific perspective, to be used to estimate the duration of complete protection against mosquitoes provided by the tested repellent?
- Does available information support a determination that the study No Mas 003 was conducted in substantial compliance with 40 CFR Part 26, subparts K and L?

**A published report by *Moiemen et al* (2011) of an intentional exposure human study measuring dermal absorption of silver from the use of nanosilver-containing wound dressings to treat major burns.**

Charge to the Board:

- Is the *Moiemen* (2011) study scientifically sound, providing reliable data?
- If so, can the *Moiemen* (2011) study be used to support the Agency's conclusion that the dermal absorption factor for silver from nanosilver on human skin is less than 0.1%?
- Is there adequate information to support a determination that the study was conducted in substantial compliance procedures at least as protective as those at subparts A-L of 40 CFR Part 26?

**3:55 PM Summary and Next Steps** – Sean Philpott, Ph.D. (HSRB Chair) and Jim Downing (DFO)

**4:00 PM Adjournment**

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