

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
HUMAN STUDIES REVIEW BOARD (HSRB)  
PUBLIC TELECONFERENCE MEETING  
DECEMBER 16, 2009  
10:00 pm -12:00 pm (Eastern Time)\***

**HSRB MEETING FOR REVIEW AND APPROVAL OF  
DRAFT OCTOBER 20-21, 2009 HSRB MEETING REPORT**

**HSRB WEB SITE <http://www.epa.gov/osa/hsrb/>  
Docket Telephone: (202) 566 1752  
Docket Number: EPA-HQ-ORD-2009-0891**

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

<b>10:00 AM</b>	<b>Convene Meeting and Identification of Board Members</b> – Jim Downing (Designated Federal Officer, HSRB, OSA, EPA)
<b>10:10 AM</b>	<b>Meeting Administrative Procedures</b> – Jim Downing, DFO
<b>10:15 AM</b>	<b>Meeting Process</b> –Sean Philpot, Ph.D. (HSRB Chair)
<b>10:20 AM</b>	<b>Public Comments</b>
<b>10:30 AM</b>	<b>Board Discussion and Decision on Final Report</b> – Sean Philpot, Ph.D. (HSRB Chair)

The Board's response to EPA charge questions presented at the October 20-21, 2009 meeting.

**Assessment of Completed Research Study: Newton, J., Breslin, A. (1983) Asthmatic reactions to a commonly used aerosol insect killer. *Medical Journal of Australia* 1:378-380.**

Newton & Breslin study (1983)

Is the Newton & Breslin study scientifically sound, providing reliable data?

If so, is the Newton & Breslin study relevant to an assessment of the proposition that exposures to pyrethrins/pyrethroids may be associated with asthmatic or allergic respiratory responses?

If so, what limitations of the Newton & Breslin study should be taken into account by EPA in assessing the proposition that exposures to pyrethrins/ pyrethroids may be associated with asthmatic or allergic respiratory responses?

Is there clear and convincing evidence that the conduct of the Newton & Breslin study was fundamentally unethical, or that its conduct was significantly deficient relative to standards prevailing when it was conducted?

**Assessment of Completed Research Study: Lisi, P. (1992) Short Communication: Sensitization risk of pyrethroid insecticides. *Contact Dermatitis* 26:349-350.**

Lisi study (1992)

Is the Lisi study scientifically sound, providing reliable data?

If so, is the Lisi study relevant to an assessment of the proposition that exposures to pyrethrins/pyrethroids may be associated with allergic contact dermatitis or sensitization responses?

If so, what limitations of the Lisi study should be taken into account by EPA in assessing the proposition that exposures to pyrethrins/pyrethroids may be associated with allergic contact dermatitis or sensitization responses?

Is there clear and convincing evidence that the conduct of the Lisi study was fundamentally unethical, or significantly deficient relative to the standards of ethical research conduct prevailing when it was conducted?

**Assessment of Proposed AEATF II Scenario and Protocol AEA04: Research on Exposure of Janitorial Works Applying Pesticides Formulated as Aerosol Sprays.**

If the proposed AEATF-II aerosol application scenario and field study protocol AEA04 is revised as suggested in EPA's review and if the research is performed as described:

1. Is the research likely to generate scientifically reliable data, useful for assessing the exposure of handlers who apply antimicrobial pesticides formulated as aerosol sprays?
2. Is the research likely to meet the applicable requirements of 40 CFR part 26, subparts K and L?

**Assessment of Proposed Carroll-Loye Biological Research Study LNX-003: Efficacy Test of KBR 3023 (Picaridin; Icaridin) - Based Personal Insect Repellents (20% Cream and 20% Spray) with Ticks Under Laboratory Conditions.**

If the proposed laboratory tick repellency study protocol LNX-003 is revised as suggested in EPA's review and if the research is performed as described:

1. Is the research likely to generate scientifically reliable data, useful for assessing the efficacy of the tested materials in repelling ticks?
2. Is the research likely to meet the applicable requirements of 40 CFR part 26, subparts K and L?

**11:55 AM**      **Summary and Next Steps** – Sean Philpot, Ph.D. (HSRB Chair) and Jim Downing (DFO)

**12:00 PM**      **Adjournment**

\* Please be advised 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)