

**US ENVIRONMENTAL PROTECTION AGENCY  
HUMAN STUDIES REVIEW BOARD  
July 21-22, 2020 PUBLIC MEETING AGENDA**

**Internet Virtual Meeting**

The meeting will be conducted at the following website:

<https://epawebconferencing.acms.com/hsrb1>

Meeting password: 7549

And on the phone: 866-299-3188 (access code: 2025648451)

Tuesday, July 21, 2020

**HSRB WEB SITE** <http://www.epa.gov/osa/human-studies-review-board>

**12:50 PM HSRB members login (webinar and teleconference line)**

**1:00 PM\* Convene Public Meeting** – Tom O’Farrell, Ph.D., Designated Federal Officer, EPA Human Studies Review Board (HSRB), Office of the Science Advisor, Policy and Engagement (OSAPE)

**Welcome and Virtual Meeting Operations** – Jennifer Cavallari, Sc.D., HSRB Chair

**1:20 PM Brief Update on Research Discussed at Last HSRB Meeting** – Michelle Arling, Office of Pesticide Programs (OPP)

**Topic: A Single Group Trial to Determine the Complete Protection Time of an Insect Repellent Formulation Containing 30% Citrوديول ® (Oil of Lemon Eucalyptus) against three species of ticks.**

**1:25 PM EPA Science Review Highlights** – Helen Hull-Sanders, Ph.D. & Clara Fuentes, Ph.D., OPP

**2:10 PM Board Questions of Clarification** – Jennifer Cavallari, HSRB Chair

**2:20 PM EPA Ethics Review Highlights** – Michelle Arling, OPP

**2:50 PM Board Questions of Clarification** – Jennifer Cavallari, HSRB Chair

**3:00 PM Public Comments**

**3:10 PM Break**

**3:25 PM Board Discussion**

**Charge to the Board - Science:**

*Did the research summarized in “Single group trial to determine the complete protection time of an insect repellent formulation containing 30% Citrوديول ® (Oil of Lemon Eucalyptus) against three species of ticks” generate scientifically reliable data, useful for deriving a typical consumer dose and estimating the amount of time the product tested repels ticks?*

\*Agenda times are approximate and subject to change depending upon the discussion. [All times shown are Eastern time zone.]

**Discussants** – Lisa Corey, Ph.D., Thomas Lewandowski, Ph.D., and consultant Kendra Lawrence, Ph.D., scientific review  
Julia Sharp, Ph.D., statistical review

**Charge to the Board - Ethics:**

*Does the available information support a determination that the research was conducted in substantial compliance with procedures at least as protective as those in the applicable requirements of 40 CFR part 26, subparts K-L?*

**Discussant** – AJ Allen, M.D., Ph.D., ethics review

**5:15 PM\*   Adjourn**

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Wednesday, July 22, 2020

**HSRB WEB SITE** <http://www.epa.gov/osa/human-studies-review-board>

**12:50 PM HSRB members login (webinar and teleconference line)**

**1:00 PM\* Convene Public Meeting** – Tom O’Farrell, Ph.D., Designated Federal Officer, EPA HSRB, OSA

**Welcome and Virtual Meeting Operations** – Jennifer Cavallari, Sc.D., HSRB Chair

**Topic: A Study for Measurement of Potential Dermal and Inhalation Exposure During Pressurized Hand-Wand Spraying of Antimicrobial Products along with Study Addendum: Addition of Electrostatic Sprayers (AEA14)**

**1:20 PM EPA Science Review Highlights** – Tim Leighton & Tim Dole, OPP

**2:20 PM Board Questions of Clarification** – Jennifer Cavallari, HSRB Chair

**2:35 PM EPA Ethics Review Highlights** – Michelle Arling, OPP

**3:05 PM Board Questions of Clarification** – Jennifer Cavallari, HSRB Chair

**3:20 PM Break**

**3:35 PM Public Comments**

**3:45 PM Board Discussion**

**Charge to the Board - Science:**

*Is the protocol “A Study for Measurement of Potential Dermal and Inhalation Exposure During Pressurized Hand-Wand Spraying of Antimicrobial Products” and the “Study Addendum: Addition of Electrostatic Sprayers” likely to generate scientifically reliable data, useful for assessing the exposure of those who apply products containing antimicrobial pesticides using hand wand or electrostatic sprayers?*

**Discussants** – Lisa Corey, Ph.D., and Janice Britt, Ph.D., scientific review  
Ann Um, Ed.D., statistical review

**Charge to the Board - Ethics:**

*Is the research proposed in the protocol “A Study for Measurement of Potential*

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***Dermal and Inhalation Exposure During Pressurized Hand-Wand Spraying of Antimicrobial Products”, the “Study Addendum: Addition of Electrostatic Sprayers” and related documents likely to meet the applicable requirements of 40 CFR part 26, subparts K and L?***

**Discussant** – Mark Aulisio, Ph.D., ethics review

**5:15 PM\***    **Adjourn**

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