

Integrated Risk Information System (IRIS) Bimonthly Public Science Meeting September 3, 2014

Agenda

U.S. Environmental Protection Agency
One Potomac Yard (South Building)
2777 South Crystal Drive, Ground Floor Conference Room
Arlington VA 22202

Wednesday, September 3, 2014

8:30 am (EDT) Registration

9:00 am Welcome, announcements, and webinar logistics
- Vincent Cogliano, EPA/IRIS

9:30 am Ethylbenzene

Introduction

- Paul Reinhart and George Woodall, EPA/IRIS Assessment Managers

Science issue 1: Health outcomes – have we identified the key questions for systematic review?

Facilitated discussion of science issue with all attendees, including:

- Nancy Beck, American Chemistry Council
- George Cruzan, Toxworks, on behalf of Styrene Information & Research Center (SIRC)
- Liz Geltman, City University of New York School of Public Health (via telephone)

Science issue 2: Key science issues related to health outcomes and mode of action

- Toxicokinetics and toxicokinetic modeling
- Lung tumors - Kidney tumors - Liver toxicity
- Testicular toxicity - Ear and hearing toxicity

Facilitated discussion of science issue with all attendees, including:

- Marcy Banton, Lyondell Basell
- George Cruzan, Toxworks, on behalf of SIRC

Science issue 3 (proposed by Jack Snyder, SIRC): As ethylbenzene is primarily found in gasoline, what are the advantages to broadening the assessment to cover petroleum mixtures?

Facilitated discussion of science issue with all attendees, including:

- James Bus, Exponent, on behalf of SIRC

Science issue 4: Data gaps, new studies, and research in progress

Facilitated discussion of science issue with all attendees, including

- George Cruzan, Toxworks, on behalf of SIRC
- Liz Geltman, City University of New York School of Public Health (via telephone)

Open forum on Ethylbenzene

12:00 pm Break for lunch

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1:00 pm

Naphthalene

Introduction

- Channa Keshava, EPA/IRIS Assessment Manager

Science issue 1: Health outcomes – have we identified the key questions for systematic review?

Facilitated discussion of science issue with all attendees, including:

- Lisa Bailey, Gradient, on behalf of Naphthalene Research Committee
- Nancy Beck, American Chemistry Council
- Liz Geltman, City University of New York School of Public Health (via telephone)
- Lorenz Rhomberg, Gradient, on behalf of Naphthalene Research Committee

Science issue 2: Toxicokinetics

Facilitated discussion of science issue with all attendees, including:

- Lisa Bailey, Gradient, on behalf of Naphthalene Research Committee
- Jerry Campbell, The Hamner Institutes for Health Sciences, on behalf of Naphthalene Research Committee
- Lorenz Rhomberg, Gradient, on behalf of Naphthalene Research Committee

Science issue 3: Mode-of-action for mouse lung tumors

Facilitated discussion of science issue with all attendees, including:

- Lisa Bailey, Gradient, on behalf of Naphthalene Research Committee
- George Cruzan, Toxworks, on behalf of SIRC
- Lorenz Rhomberg, Gradient, on behalf of Naphthalene Research Committee

Science issue 4: Mode-of-action for rat nasal tumors

Facilitated discussion of science issue with all attendees, including:

- Lisa Bailey, Gradient, on behalf of Naphthalene Research Committee
- Lorenz Rhomberg, Gradient, on behalf of Naphthalene Research Committee

Science issue 5: Analysis of toxicogenomics data in this assessment

Facilitated discussion of science issue with all attendees, including:

- Harvey Clewell, The Hamner Institutes for Health Sciences, on behalf of Naphthalene Research Committee
- Lorenz Rhomberg, Gradient, on behalf of Naphthalene Research Committee

Science issue 6: Data gaps, new studies, and research in progress

Facilitated discussion of science issue with all attendees, including:

- Liz Geltman, City University of New York School of Public Health (via telephone)
- Janis Hulla, US Army Corps of Engineers (naphthalene dosimeter) (via telephone)
- Anne LeHuray, Naphthalene Council

Open forum on Naphthalene

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4:30 pm **Open forum and discussion** (may start sooner if previous discussion ends early)

Topic 1 (proposed by Jack Snyder, SIRC): How can IRIS develop protocols for these assessments? What are the essential elements of a protocol and how detailed should they be?

Topic 2 (proposed by Nancy Beck, American Chemistry Council): What are other approaches to scoping and problem formulation that IRIS could consider or incorporate?

6:30 pm Adjourn

NOTE: Affiliations and sponsors are self reported.