

Integrated Risk Information System (IRIS) Program Public Science Meeting

Agenda

U.S. Environmental Protection Agency
Office of Research and Development
Webinar Meeting

Thursday, December 5, 2019

- 1:00 pm (ET) **Welcome and Announcements:**
Kris Thayer, IRIS Program Director, EPA/CPHEA
- 1:05 pm **Overview of the Scope of the Inorganic Mercury Salts IRIS Assessment Plan (IAP)**
Nagalakshmi Keshava, Inorganic Mercury Salts Assessment Manager
- Science Topics:* An IRIS Assessment Plan, or IAP, communicates to the public the plan for assessing each individual chemical and includes summary information on the IRIS Program's scoping and initial problem formulation, objectives and specific aims for the assessment, and the PECO (Populations, Exposures, Comparators, and Outcomes) criteria that outlines the evidence considered most pertinent to the assessment; and identification of key areas of scientific complexity. The PECO provides the framework for developing literature search strategies and inclusion/exclusion criteria, particularly with respect to evidence stream (i.e., human, animal, mechanistic), exposure measures and outcome measures.
- 1:20 pm *The IRIS Program is seeking a discussion with the public aimed at improving or clarifying the IAP. Below are topics to facilitate the discussion:*
- Topic 1: Toxicokinetic characteristics of various mercury forms including solubility, bioavailability, distribution, conversion (oxidation state)**
- Topic 2: Key molecular interactions and sequelae of the potential toxic moiety (e.g., mercuric ion) on potential target tissues (e.g., kidney, immune system)**
- Topic 3: Alternative methods or new approaches to inform data poor mercury salts (i.e., mercurous chloride and mercuric sulfide)**
- Public Commenters:**
Hao Zhu, Rutgers University
Lena Smirnova, Johns Hopkins University
- 2:30 pm **Open Session**
- 3:00 pm **ADJOURN**