

HHRA Research Program Update:

March 2015



The Latest News from EPA's Human Health Risk Assessment Research Program

March Announcements:

EPA's SAB Announces Upcoming Meeting for Benzo[a]pyrene Review

EPA's Science Advisory Board has announced its second meeting of the Chemical Assessment Advisory Committee Augmented for the Benzo[a]pyrene IRIS Assessment Review. This face-to-face meeting will be held in the Washington, D.C metro area on April 15-17, 2015. For more information about this meeting, please review the [Federal Register Notice](#).

EPA Convenes Workshop on Particulate Matter for NAAQS

On February 9-11, 2015 EPA held a workshop in Research Triangle Park, NC entitled "Workshop to Discuss Policy-Relevant Science to Inform EPA's Review of the Primary and Secondary National Air Quality Standards (NAAQS) for Particulate Matter (PM)" to discuss recent research and studies that have been submitted. The workshop will be used to inform preparation of policy, risk and exposure assessments of the health and environmental effects of PM. The workshop also served as a kick-off of the NAAQS review for PM and result in development of an Integrated Review Plan. The research discussed at this workshop will be considered in the development of the first

draft PM Integrates Science Assessment. For more information on PM and NAAQS please click [here](#).

EPA Convenes Workshop on Ultrafine Particles

On February 11-13, 2015 EPA held a workshop in Research Triangle Park, NC that brought together international experts on emissions, air quality, exposures, and health impacts of ultrafine particles (UFP) to present and discuss the latest research and policy issues related to UFP. The workshop consisted of platform presentations on UFP relevant science such as emissions and health control issues, health effects and evidence, and policy considerations. This workshop was used to promote collaboration and communication among scientist and created an opportunity for scientist to network about on-going and planed research on UFP impacts.

Publications:

HHRA scientists have recently published the following manuscripts:

[Challenges and Opportunities of Older Adults for Toxicology and Risk Assessment: Principles and Applications - Epigenetics and Aging \(Book Chapter\)](#)

[Challenges and Opportunities of Older Adults for Toxicology and Risk Assessment: Principles and Applications - Characterization of Older Adults and Exposure Factors \(Book Chapter\)](#)

[Assessment of health risks resulting from early-life exposures: Are current chemical toxicity testing protocols and risk assessment methods adequate? \(Critical Reviews in Toxicology\)](#)

[Nitrogen Dioxide Exposure and Airway Responsiveness in Individuals with Asthma \(Inhalation Toxicology\)](#)

Additional Announcements:

Interested in learning more about human health risk assessment? Then check out the following HHRA research blogs.

[Moving Away From "High Risk"](#)

[Strengthening IRIS: Cultivating Broad Scientific Input](#)

[Is this Hazardous?](#)

[The Dose Makes the Poison – or does it?](#)

Interested in Joining our other HHRA Listservs?

We encourage you to sign up to receive the HHRA research program's other listservs. Click on the following links to sign-up to receive more specific information on the following HHRA research program products and programs.

[Integrated Risk Information System \(IRIS\) Program](#)

[EPA's Exposure Toolbox \(EPA-Expo-Box\)](#)

[Benchmark Dose Modeling \(BMDS\)](#)



You can view or update your subscriptions or e-mail address at any time on your [Subscriber Preferences Page](#). All you will need is your e-mail address. If you have any questions or problems e-mail support@govdelivery.com for assistance.

This service is provided to you at no charge by [U.S. Environmental Protection Agency](#).