

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
SCIENCE ADVISORY BOARD  
Chemical Assessment Advisory Committee (CAAC)  
Augmented for the Review of the EPA's Draft IRIS Trimethylbenzenes Assessment**

**DRAFT AGENDA**

Crowne Plaza Washington National Airport  
1480 Crystal Drive, Arlington, VA, 22202  
**June 17-19, 2014**

**Purpose:** The purpose of this meeting is to receive briefings on the IRIS Program, the development of the EPA's *IRIS Toxicological Review of Trimethylbenzenes (August 2013)*, and to develop responses to the EPA charge questions.

**Tuesday, June 17, 2014**

9:00 - 9:10 a.m.	Convene Meeting and Opening Remarks	Mr. Thomas Carpenter, <i>DFO CAAC Augmented for Trimethylbenzenes Review</i>
9:10 - 9:15 a.m.	Welcoming remarks	Mr. Chris Zarba, <i>Director Science Advisory Board Staff Office</i>
9:15 - 9:30 a.m.	Introduction of CAAC Augmented for Trimethylbenzenes Review	Dr. Cynthia Harris, <i>Chair CAAC Augmented for Trimethylbenzene Review</i>
9:30 - 9:40 a.m.	Review Agenda	Dr. Harris, <i>Chair</i>
9:40 - 10:05 a.m.	Overview of Advancements, in the IRIS Program	Dr. Kenneth Olden, <i>Director, EPA National Center for Environmental Assessment (NCEA)</i>
10:05 - 10:40a.m.	IRIS Enhancements	Dr. Vincent Cogliano, <i>Interim Director, EPA/NCEA/IRIS</i>
10:40 - 10:55	<b>BREAK</b>	
10:55 - 11:20	Advances in Systematic Review	Dr. Samantha Jones, <i>Associate Director for Science, EPA/NCEA/IRIS</i>

**Draft Agenda CAAC Trimethylbenzene Review**

As June 3, 2014

11:20 – 11:40	Upcoming Activities in the IRIS Program	Ms. Gina Perovich, <i>Acting Deputy Director, EPA/NCEA/IRIS</i>
11:40 a.m. – 12:15 p.m.	Overview of Draft IRIS Assessment of Trimethylbenzenes	Mr. J. Allen Davis, <i>Assessment Manager, EPA NCEA</i>
12:15 -1:30 p.m.	<b>LUNCH</b>	
1:30 - 2:30 p.m.	Public Comments	Registered Speakers
2:30 – 2:45 p.m.	Discussion of the Charge Questions	Dr. Harris and Panel Members
2:45 – 3:00 p.m.	<b>BREAK</b>	
3:00 - 4:15 p.m.	<b>Hazard Identification-Synthesis of Evidence</b> <i>Question 1</i>	<u>Lead Discussants</u> Drs. Howd, Lash, and Rhomberg
4:15 - 5:30 p.m.	<b>Hazard Identification-Summary and Evaluation</b> <i>Question 2 and 3</i>	<u>Lead Discussants</u> Drs. Goeden, Howd, Lash, and Rhomberg
5:30 p.m.	<b>RECESS</b>	Mr. Carpenter

**Wednesday, June 18, 2014**

8:30 a.m.	<b>Reconvene Meeting</b>	Mr. Carpenter
8:30 - 10:00 a.m.	<b>Toxicokinetics and Pharmacokinetic Modeling</b> <i>Question D1</i>  <i>Question D2</i>	<u>Lead Discussants</u>  Drs. Bruckner, Hays, and Krishnan  Drs. Cohen, Goeden, Howd, and Miller
10:00 - 10:15 a.m.	<b>BREAK</b>	

10:15a.m.- 12:15 p.m.	<b>Inhalation Reference Concentration (RfC) for 1,2,4-TMB</b>	<u>Lead Discussants</u>
	<i>Questions E1 and E2</i>	Drs. Cory-Slechta, Cohen, Howd, and Miller
	<i>Question E3</i>	Drs. Bruckner, Hays, Ginsberg, and Krishnan
	<i>Question E4</i>	Drs. Howd, Lash, Miller, and Roberts
12:15 - 1:30 p.m.	<b>LUNCH</b>	
1:30 – 2:30 p.m.	<b>Inhalation Reference Concentration (RfC) for 1,2,3-TMB</b>	<u>Lead Discussants</u>
	<i>Questions F1 and F2</i>	Drs. Cory-Slechta, Cohen, Howd, and Lash
	<i>Question F3</i>	Drs. Bruckner, Hays, Ginsberg, and Krishnan
	<i>Question F4</i>	Drs. Howd, Lash, Miller, and Roberts
2:30 - 3:30 p.m.	<b>Inhalation Reference Concentration (RfC) for 1,3,5-TMB</b>	<u>Lead Discussants</u>
	<i>Questions G1 and G2</i>	Drs. Cory-Slechta, Cohen, Goeden, and York
3:30 - 3:45 p.m.	<b>BREAK</b>	
3:45 - 5:00 p.m.	<b>Oral Reference Dose (RfD) for 1,2,4-TMB</b>	<u>Lead Discussants</u>
	<i>Questions H1 and H2</i>	Drs. Bruckner, Ginsberg, Hays, Krishnan, and York
	<i>Question H3</i>	Drs. Howd, Lash, Miller, and Roberts
5:00 p.m.	<b>RECESS</b>	] Mr. Carpenter

**Thursday June 19, 2014**

8:30 a.m.	Reconvene Meeting	Mr. Carpenter
	<b>Oral Reference Dose (RfD) for 1,2,3-TMB</b>	<u>Lead Discussants</u>
8:30 - 9:15 a.m.	<i>Question I1</i>	Drs. Bruckner, Ginsberg, Hays, and Krishnan
	<i>Question I2</i>	Drs. Howd, Lash, Miller, and Roberts
9:15 - 10:00 a.m.	<b>Oral Reference Dose (RfD) for 1,3,5-TMB</b>	<u>Lead Discussants</u>
	<i>Question J1</i>	Drs. Bruckner, Ginsberg, Hays, and Krishnan
	<i>Question J2</i>	Drs. Howd, Lash, Miller, and Roberts
10:00 - 10:15 a.m.	<b>BREAK</b>	
10:15 - 10:45 a.m.	<b>Carcinogenicity of 1,2,3-TMB, 1,2,4-TMB, and 1,3,5-TMB</b>	<u>Lead Discussants</u>
	<i>Question K1</i>	Drs. Beland, Klaunig, and Taioli
10:45 - 11:45 a.m.	<b>Literature Search Strategy/ Study Selection and Evaluation</b>	<u>Lead Discussants</u>
	<i>Question B1</i>	Drs. Beland, Howd, Krishnan, and Taioli
11:45 a.m.-12:30 p.m.	<b>Executive Summary</b>	<u>Lead Discussants</u>
	<i>Question A1</i>	Drs. Beland, Cohen, Klaunig, and Taioli
12:30 - 1:30 p.m.	<b>LUNCH</b>	
1:30 – 2:30 p.m.	<b>General Charge Questions</b>	<u>Lead Discussants</u>
	<i>Questions 1, 2, 3 and 4</i>	Drs. Beland, Cory-Slechta, Howd, Rhomberg, and Roberts
2:30-3:00 p.m.	Brief Clarifying Comments	Registered Speakers and EPA
3:00-3:15 p.m.	<b>BREAK</b>	
3:15 - 4:45 p.m.	Summary of Major Recommendations	Lead Writers / Panel Members

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4:45 -5:00 p.m.

Next Steps

Dr. Harris and Mr. Carpenter

5:00 p.m.

**ADJOURN**

Mr. Carpenter