

AGENDA
U.S. Environmental Protection Agency
Science Advisory Board
Chemical Assessment Advisory Committee (CAAC)
Augmented for the Review of Benzo[a]pyrene
Public Meeting

Milken Institute School of Public Health
Convening Center Room, George Washington University
950 New Hampshire Avenue NW, Washington, DC 20052

April 15-17, 2015

Purpose: To peer review the EPA's *Toxicological Review of Benzo[a]pyrene (External Review Draft, September 2014)*.

Wednesday, April 15, 2015

9:00 a.m.	Convene Meeting	Dr. Diana Wong Designated Federal Officer EPA SAB Staff Office
9:05 a.m.	Welcoming Remarks	Mr. Christopher Zarba Director, SAB Staff Office
9:15 a.m.	Introduction of CAAC Augmented Benzo[a]pyrene Review Panel	Dr. Elaine Faustman, Chair SAB CAAC-Benzo[a]pyrene Panel
9:30 a.m.	EPA Presentations	Dr. Vincent Cogliano Director, IRIS Program EPA National Center for Environmental Assessment (NCEA) Ms. Kathleen Newhouse Assessment Manager EPA NCEA
10:30 a.m.	Break	

10:45: a.m.	Public Comments	Registered Speakers
11:30 a.m.	Review of Charge Questions	Dr. Faustman and Augmented CAAC Members
12:00 p.m.	Lunch	
1:00 p.m.	Discussion of Response to Charge Questions	Writing Groups:
	<ul style="list-style-type: none"> • CQ#1 – Literature Search/Study Selection and Evaluation 	Drs. Helen Goeden, Abby Li and All Panel Members
1:30 p.m.	<ul style="list-style-type: none"> • CQ#2 – Hazard Identification: <ul style="list-style-type: none"> 2a. Developmental Toxicity 	Drs. Anna Choi, <u>Ed Levin</u> , Abby Li, Barry McIntyre, Miriam Poirier, <u>Charles Vorhees</u>
2:00 p.m.	<ul style="list-style-type: none"> 2b. Reproductive Toxicity 	Drs. <u>Barry McIntyre</u> , Bhagavatula Moorthy, Miriam Poirier, <u>Christi Walter</u>
2:30 p.m.	<ul style="list-style-type: none"> 2c. Immunotoxicity 	Drs. <u>Scott Burchiel</u> , <u>Anna Choi</u> , Joanne English
3:00 p.m.	Break	
3:15 p.m.	<ul style="list-style-type: none"> 2d. Cancer 	Drs. Scott Burchiel, John DiGiovanni, Helen Goeden, Bhagavatula Moorthy, <u>Miriam Poirier</u> , Kenneth Ramos, <u>Leslie Stayner</u> , Alan Stern
	<ul style="list-style-type: none"> 2e. Other Toxicity 	Drs. Scott Burchiel, Anna Choi, <u>Joanne English</u> , Abby Li, Kenneth Ramos, <u>Bhagavatula Moorthy</u> , Charles Vorhees
	<ul style="list-style-type: none"> • CQ#3 – Dose-response Analysis 	

4:00 p.m. 3b. Inhalation Reference Concentration Drs. Scott Bartell, Mike Foster, Helen Goeden, Barry McIntyre, Richard Schlesinger, Alan Stern, Christi Walter

5:30 p.m. Recess Dr. Wong

Thursday, April 16, 2015

8:30 a.m. Reconvene Meeting Dr. Wong

Discussion of Response to Charge Questions (Cont'd)

Writing Groups:

3a. Oral Reference Dose

Drs. Scott Bartell, Chris Gennings, Ed Levin, Barry McIntyre, Joanne English, Sean Hays, Steve Roberts, Alan Stern, Charles Vorhees

10:30 a.m. Break

10:45 a.m. 3c. Oral Slope Factor

Drs. Scott Bartell, John DiGiovanni, Chris Gennings, Kenneth Portier, Steve Roberts

12:00 p.m. **Lunch**

1:00 p.m. 3d. Inhalation Unit Risk

Drs Scott Bartell, Mike Foster, Chris Gennings, Bhagavatula Moorthy, Kenneth Portier, Richard Schlesinger.

3:00 p.m. Break

3:15 p.m. 3e. Dermal Slope Factor

Drs. Scott Bartell, Ronald Baynes, Annette Bunge, Anna Choi, John DiGiovanni, Chris Gennings, Sean Hays, John Kissel,

Kenneth Portier, Steve
Roberts, Leslie Stayner

5.30 p.m. Recess

Friday, April 17, 2015

8:00 a.m. Reconvene Meeting

Dr. Wong

**Discussion of Response to Charge
Questions (Cont'd)**

Writing Groups:

3e. Dermal Slope Factor
(Cont'd)

10:00 a.m. Break

10:15 a.m. 3f. Age-dependent Adjustment
Factor

Drs. John DiGiovanni, Helen
Goeden, Miriam Poirier, Ken
Ramos

- CQ#5 – EPA Response to Public
Comments

Drs. Scott Bartell, Ronald
Baynes, Anna Choi, John
DiGiovanni, Mike Foster,
John Kissel, Miriam Poirier,
Kenneth Portier, Steve
Roberts, Richard
Schlesinger, Leslie Stayner,
Alan Stern, Charles Vorhees

12:00 p.m. **Lunch**

1:00 p.m. • CQ#4 – Executive Summary

Drs. Mike Foster, Chris
Gennings, Abby Li, Barry
McIntyre, Maureen
Lichtveld, Steve Roberts

1:40 p.m. Opportunity for Brief Clarifying
Comments

Registered Members of the
Public or EPA

2:10 p.m.	Break	
2:25 p.m.	Summary of Major Recommendations	Dr. Elaine Faustman, Lead Discussants and Panel Members
4:20 p.m.	Next Steps	Dr. Faustman
4.30 p.m.	Adjourn	Dr. Wong