Strengthening the Scientific Basis for Chemical Safety Assessments

Environmental Protection Agency
109 T.W. Alexander Drive
Research Triangle Park, NC
Room C-111A

July 15, 16 2015

Purpose of the workshop: attendees will identify two or three high priority topic areas representing the greatest opportunities for reducing uncertainty and improving human health risk assessments for chemicals. For these priority areas attendees will go on to characterize: 1) specific research that EPA and NIEHS can invest in to improve our scientific understanding for these topic areas and 2) concrete suggestions for ways to translate the existing and future scientific research into improved approaches to assessing chemical risks to public health. The workshop will begin with several presentations illustrating and providing background for key topic areas in risk assessment, including accounting for exposures during critical developmental windows, capturing variability in population susceptibility, translating experimental animal findings to humans, and appreciating cumulative exposures.

Comfort Suites Shuttle: 9am to EPA
Building Security/Sign-In: inform guard you are attending the "EPA/NIEHS Meeting".
Taxis can be hired at *Right Choice Transportation RTP*, 919-255-1155 or 919-933-9895.

Day I – July 15, 2015

Morning Opening Session: Welcome — **10:00- 11:00**
Jim Jones
Linda Birnbaum
Tom Burke

Goals and Charge to the Workshop: — **11:00- 11:15**
David Dix

Example of the challenge- human health effects of environmental exposures

11:15- 12:00
Phthalates and male reproductive health: a brief overview of the human data
Russ Hauser

Lunch — 12:00- 1:00

Day I – July 15, 2015 (continued)

Perspectives on the issues-

	1:00- 1:45
Endocrine Sensitive Endpoints and Low Dose Effects	Laura Vandenberg
	2:00- 2:45
Approaches to Cumulative Risk	Martyn Smith
Charge for the Breakouts	**3:00- 3:15**
	Tina Bahadori
Breakout session 1	**3:30- 5:30**

Identifying the highest priority areas or sources of uncertainty- generating a range of options

Group A		Group B		Group C	
M Smith	*chair*	L Vandenberg	*chair*	D Dorman	*chair*
T Woodruff	*rapporteur*	K Boekelheide	*rapporteur*	K Guyton	*rapporteur*
T Bahadori	*facilitator*	D Dix	*facilitator*	J Bucher	*facilitator*
L Styles	*notes*	B Wooge	*notes*	B Zukowski	*notes*
R Morello-Frosch		R Hauser		S Beauvais	
D Jones		G Prins		T Zoeller	
T Webster		C Gennings		B Blumberg	
A Salmon		S Schrader		P Hunt	
T Burke		L. Birnbaum		J Jones	
M Devito		N Walker		R Paules	
M Heacock		J Heindel		W Benson	
J Housenger		K Crofton		P Preuss	
S Barone		J Morris		R Kavlock	
W Jordan		L Flowers		D Vogel	
J Orme-Zavaleta		A Lowit		M Gwinn	
K Deener		E Cohen Hubal			

Comfort Suites Shuttle: 5:30 to Hotel
6:30pm to Baby Moon

Dinner (reservation at Baby Moon, sign up at registration) **7:00**

Day 2 – July 16, 2015

Comfort Suites Shuttle: 7:30am to EPA

Breakout Session 2	**8:30- 10:00**
Refinement of priority areas or sources of uncertainty- deriving consensus priorities	
Break	10:00- 10:30
Breakout Session 3	**10:30- 12:30**
Identify research needs to address identified priorities and translate into practice	
Lunch	12:30 – 1:15
Chairs/Rapporteurs/Facilitators finalize recommendations	**1:15- 2:30**
Breakout Session Reports and Discussion	**2:30-4:30** Tracey Woodruff K Boekelheide Kate Guyton
Wrap-up and Adjourn	**4:30 – 5:00** Linda Birnbaum Tom Burke

Comfort Suites Shuttle: 5:15pm to Hotel