

MINUTES OF THE
SCIENCE BOARD BPA (Bisphenol A) SUBCOMMITTEE

Hilton Washington DC/Rockville Executive Meeting Center, Rockville, Maryland, 20852

September 16th, 2008

On September 16th, 2008 the meeting was convened at approximately 9:00 a.m.

Subcommittee Members and Consultants (Subject Matter Experts) Present for September 16th, 2008

Martin Philbert, Ph.D. (*Subcommittee Chair*)

Garret FitzGerald, M.D. (Subcommittee Member)

Philip J. Bushnell, Ph.D. (Consultant)

Howard Hu, M.D., M.P.H., Sc.D. (Consultant)

Howard Rockette, Ph.D. (Consultant)

John Vandenberg, Ph.D. (Consultant)

Executive Secretary

Carlos Peña, Ph.D., M.S.

FDA Participants

Allan Bailey, Ph.D.

Laura Tarantino, Ph.D.

Michelle Twaroski, Ph.D.

Meeting Participants

John Bucher, Ph.D.

Frederick S. vom Saal, Ph.D.

Invited Panel Discussion Participants

Sonya Lunder, Environmental Working Group

Frederick S. vom Saal, Ph.D., University of Missouri-Columbia

D. Gail McCarver, M.D., Medical College of Wisconsin

Leslie Benet, Ph.D., University of California, San Francisco

L. Earl Gray, Jr., Ph.D., U.S. Environmental Protection Agency

Kristina A. Thayer, Ph.D., National Institute of Environmental Health Sciences

Steve Hentges, Ph.D., American Plastics Council

Open Public Hearing Speakers (11:00 a.m.-12:00 p.m.)

Dr. Anila Jacob, Environmental Working Group

Dr. Diana Zuckerman, National Research Center for Women and Families

Dr. Beth Jordan, Association for Reproductive Health Professionals

Ms. Nancy Greenspan, Healthy Child Healthy World

Ms. Liz Hitchcock, U.S. Public Interest Research Group

Dr. John Peterson Meyers, Environmental Health Sciences

Dr. David Melzer, Peninsula Medical School, United Kingdom

Ms. Ellie Collinson, Breast Cancer Fund
Dr. Urvashi Rangan, Consumer Reports
Ms. Kristen Stade, Center for Science in the Public Interest

Open Public Hearing Speakers (1:00 p.m. - 2:00 p.m.)

Dr. John Van Miller, BPA Producers, The Polycarbonate/BPA Global Group
Dr. Sarah Janssen, Natural Resources Defense Council
Ms. Rachel Rawlins, Breast Cancer Action
Ms. Jennifer Rogers, Reproductive Health Technologies Project
Ms. Nancy Hughes, American Nurses Association
Dr. Amber Wise, Union of Concerned Scientists
Mr. Joseph Manuppello, People for the Ethical Treatment of Animals
Dr. Nancy Beck, Physicians Committee for Responsible Medicine
Dr. John M. Rost, North American Metal Packaging Alliance, Inc.
Dr. Rochelle W. Tyl, RTI International

Presentations

Draft Assessment of Bisphenol A for use in food contact applications Presentation

Allan Bailey, Ph.D., FDA,
Michelle Twaroski, Ph.D., FDA
Laura Tarantino, Ph.D., FDA

National Toxicology Program Brief on Bisphenol A Presentation

John Bucher, Ph.D., National Institute of Environmental Health Sciences, National Institutes of Health

Chapel Hill Bisphenol A Expert Panel Presentation

Frederick S. vom Saal, Ph.D., University of Missouri-Columbia

Summary of Subcommittee Discussion

Draft Assessment of BPA (Bisphenol A) for use in food contact applications Presentation

The Subcommittee discussed published studies relevant to BPA and their bearing upon FDA's draft assessment, the approach in evaluating the significance of individual reports and their relevance to human health, and the methods involved in developing BPA exposure estimates.

National Toxicology Program Brief on Bisphenol A Presentation

The Subcommittee discussed adverse health effects associated with different levels of exposure to BPA, no observed adverse effect levels, and also the definition of levels of concern presented in the National Toxicology Program brief.

Chapel Hill Bisphenol A Expert Panel Presentation

- Subcommittee discussion was postponed until the afternoon invited panel discussion -

Invited Panel Discussion

The Subcommittee discussed BPA dosage studies, the correlation of adverse health effects and dose, and the challenges towards identifying mechanisms underlying adverse health effects which is important towards understanding clinical outcomes observed in human studies. The Subcommittee considered the bioavailability and chemical stability of BPA. The Subcommittee also noted variable gender and behavioral effects, the difficulty in assessing levels of risk in humans and considerations for sampling

techniques in assessment in food contact applications. The Subcommittee discussed pediatric exposure levels and margins of safety considerations. The Subcommittee also discussed exposure modeling techniques, dose response modeling, pharmacokinetic modeling, and BPA enzymes pathways.

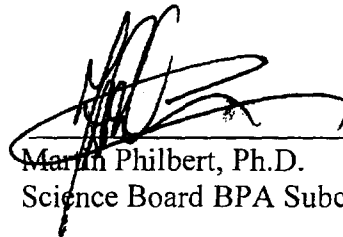
The meeting adjourned at approximately 3:30 p.m. on September 16th, 2008

Please see transcript for details

I certify that I attended the September 16th, 2008 meeting of the Science Board BPA Subcommittee and that these minutes accurately reflect what transpired.



Carlos Peña, Ph.D., M.S.
Executive Secretary



Martin Philbert, Ph.D.
Science Board BPA Subcommittee Chair