



Southern California Particle Center and Supersite

UCLA • USC • CALTECH • RANCHO LOS AMIGOS • UC IRVINE • UC RIVERSIDE

PM Toxicity Studies: State-of-the-Art and Future Directions

Final Agenda

Monday, February 7, 2000

UCLA Faculty Center – Hacienda Room

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| 8:30 am – 9:00 am | Coffee and pastry |
| 9:00 am – 9:15 am | Welcome and Overview of Southern California Particle Center and Supersite (SCPCS)
<i>John R. Froines, PhD, UCLA School of Public Health
Director, SCPCS</i> |
| 9:15 am - 9:30 am | “Chronic Effects of Air Pollution: The USC Children’s Study”
<i>John M. Peters, MD, USC School of Medicine
Epidemiology Core Director, SCPCS</i> |
| 9:30 am – 10:00 am | “Concentrator Technologies: Overview and Current State-of-the-Art”
<i>Costas Sioutas, ScD, USC School of Engineering
Deputy Director, SCPCS</i> |
| 10:00 am – 10:45 am | “RTP CAPS: Studies in Animals with Pre-existing Airway Diseases”
<i>Daniel Costa, ScD, US EPA Pulmonary Toxicology Effects Lab</i> |
| 10:45 am – 11:00 am | Break |
| 11:00 am – 11:45 am | “Particle Size in PM Toxicology: Background and Research Needs”
<i>Günter Oberdörster, PhD, Director, University of Rochester PM
Center</i> |
| 11:45 am – 12:30 p.m. | “Cardiopulmonary Effects of CAPs on Young and Elderly Adults”
<i>Robert Devlin, PhD, US EPA National Health and Environmental
Effects Research Lab</i> |
| 12:30 p.m. – 1:30 pm | Lunch – Faculty Center Downstairs Lounge |
| 1:45 pm – 2:30 pm | “Insights from Experiments Using Concentrated Air Particles in Boston”
<i>John Godleski, MD, Co-Director, Harvard University Particulate
Center</i> |

Final Agenda (continued)

- 2:30 pm – 3:15 pm **“Acute Toxicity Studies with Caps in Animal Models Mimicking Human Respiratory Disease: The Use of a Mobile Laboratory”**
Flemming Cassee, PhD, National Institute of Public Health and the Environment of the Netherlands (RIVM)
- 3:15 pm – 3:30 pm **Break**
- 3:30 pm - 4:15 pm **“Biological Effects of Diesel Exhaust Particles and Their Chemical Components in Macrophages”**
André E. Nel, MD, UCLA School of Medicine
Investigator, SCPCS Toxicology Core
- 4:15 pm – 4:30 pm **Closing comments – Day 1**
- 4:30 pm – 6:30 pm **Reception – Faculty Center Downstairs Lounge**

Tuesday, February 8, 2000

UCLA Faculty Center Downstairs Lounge

- 8:30 am – 9:00 am **Coffee and pastry**
- 9:00 am – 9:45 am **“Dosimetry Issues Related to PM Toxicity Studies”**
Robert Phalen, PhD, UC Irvine College of Medicine
SCPCS Dosimetry Core Director
- 9:45 am – 10:30 am **“A Collaborative Research Effort to Understand the Health Effects of Airborne Particulate Matter in a Detroit Community”**
Jack R. Harkema, MD, Michigan State University College of Veterinary Medicine
- 10:30 am – 10:45 am **Break**
- 10:45 Am – 11:15 Am **“Experience from Human Exposure Studies Using Particle Concentrators in the Los Angeles Basin”**
Henry Gong, Jr., MD, Rancho Los Amigos Medical Center
SCPCS Toxicology Core Director
- 11:15 am – 12:00 pm **“The Response of the Mammalian Respiratory Tract to Inhaled Particles”**
Kent Pinkerton, PhD, UC Davis Institute of Technology and Environmental Health
- 12:00 pm – 12:15 pm **Closing comments**