

Workshop on Health Risk Assessment of Essential Metals

University of Ottawa

Day 1 – May 6, 2008	
8:30 am to 9:15 am	Continental Breakfast & Registration
9:15 am to 9:30 am	Introduction and Welcome Sam Kacew, University of Ottawa, CANADA
Challenges in Metals Risk Assessment	
9:30 am to 10:00 am	The Metals in the Human Environment Strategic Network (MITHE-SN): The interface of Risk Assessment, Public Policy and Advocacy Beverley Hale, University of Guelph, CANADA
10:00 am to 10:30 am	Metals Specific Risk Assessment – European Perspective Lorraine Gambling, Rowett Research Institute, UK
10:30 am to 11:00 am	Break
11:00 am to 11:30 am	U.S. Environmental Protection Agency (EPA) Metals Framework Randall Wentzel, U.S. Environmental Protection Agency (EPA)
11:30 am to 12:00 pm	General Discussion of Morning Presentations
12:00 pm to 1:00 pm	Lunch
Applications: Copper, Manganese and Zinc	
1:00 pm to 1:45 pm	Copper - Overview & Update Bonnie Stern, BR Stern Associates, Annandale, Virginia, USA
1:45 pm to 1:50 pm	Copper Issues – Discussant Scott Baker, International Copper Association (ICA), USA
1:50 pm to 1:55 pm	Copper Issues – Discussant Joyce Donohue, U.S. Environmental Protection Agency (EPA)
1:55 pm to 2:40 pm	Manganese – Overview & Update Annette Santamaria, ENVIRON International Corporation, Houston, USA
2:40 pm to 2:45 pm	Manganese Issues – Discussant Bruce Winder, Cal Environmental Protection Agency (EPA)
2:45 pm to 2:50 pm	Manganese Issues – Discussant David Dorman, North Carolina State University, USA
2:50 pm to 3:15 pm	Break
3:15 pm to 4:00 pm	Zinc – Overview & Update Craig Boreiko, International Zinc Association, Brussels
4:00 pm to 4:05 pm	Zinc Issues – Discussant Ian Arnold, Ottawa, Canada
4:05 pm to 4:10 pm	Zinc Issues – Discussant Joyce Donohue, U.S. Environmental Protection Agency (EPA)
4:30 pm to 6:00 pm	Cocktail Reception - Foyer, Desmarais Building

Day 2 – May 7, 2008

8:30 am to 9:00 am Continental Breakfast

Risk Assessment Methodologies – Special Issues

9:00 am to 9:45 am Toxicology due to excess and deficiency
Peter Aggett, University of Central Lancashire, Preston, United Kingdom

9:45 am to 10:30 am U-shaped dose response curves
Michael Dourson, Toxicology Excellence for Risk Assessment (TERA), Cincinnati, Ohio, USA

10:30 pm to 10:45 am Break

10:45 am to 11:30 am Combining data from different sources using categorical regression
Daniel Krewski, McLaughlin Centre for Population Health Risk Assessment, University of Ottawa, CANADA

11:30 am to 12:15 pm Tissue dose based risk assessment
Melvin Andersen, The Hamner Institutes for Health Sciences, North Carolina, USA

12:15 pm to 1:15 pm Lunch

Panel Discussion: The Path Forward

1:15 pm to 3:15 pm **Panel Chair:**
Bette Meek, University of Ottawa

Panel Members:
Leonard Levy, Cranfield University, UK
Donna Mergler, Université du Québec à Montréal (UQAM)
William Boyes, U.S. Environmental Protection Agency
Barbara Beck, Gradient Corporation, Cambridge, MA, USA
Michelle Deveau, Health Canada
Danzeisen, Ruth, International Copper Association (ICA), NY, USA

3:15 pm to 3:45 pm Summary
Daniel Krewski, McLaughlin Centre for Population Health Risk Assessment, University of Ottawa, CANADA

3:45 pm Adjournment