I. Officers/Committees:

Officers:  
2008-2009: Harvey Clewell  
2009-2010: Edward Ohanian  
President: Harvey Clewell  
Vice President: Edward Ohanian  
President-elect: Elaine Faustman  
Secretary/Treasurer: Julie Goodman  
Councilors: Laurie Haws  
SAC Representative: Shep Martin  
Past-President: Jennifer Orme-Zavaletta  
SAC Representative: Shep Martin  
Past-President: Harvey Clewell  
SAC Representative: Anne Loccisano  
PDA Representative: Jerry Campbell  
PDA Representative: David Szabo

II. Activities

2009 SOT Annual Meeting Reception was held March 16, 2009 in Baltimore, MD. Approximately 250 people were in attendance. Dr. Clewell called the meeting to order at 7 PM.

Meeting Agenda:

- Accomplishments for 2008-2009
- RASS Survey Results
- RASS Best Abstract Awards
- RASS Best Manuscript Awards
- Remarks by Incoming President
- Point / Counterpoint: “Risk Assessment in the 21st Century: Is Everything Linear?”

Awards:

2008 Best Publication Advancing the Science of Risk Assessment:


Rest of Top 10 Publications in 2008 Advancing the Science of Risk Assessment:


2008 Best Publication Demonstrating an Application of Risk Assessment:

Rest of Top 10 Publications in 2008 Demonstrating an Application of Risk Assessment:


2009 RASS Perry J. Gehring Best Student Abstract Award
An assessment of the impact of exposure route on the interindividual variability factor (IVF) for drinking water contaminants (DWCs)

M. Valcke¹, 2; K. Krishnan¹
1. Santé environnementale et santé au travail, Université de Montréal, Montréal, QC, Canada.
2. Institut national de santé publique du Québec, Montréal, QC, Canada.
ABSTRACT #1472

2009 RASS Perry J. Gehring Best Postdoc Abstract Award

Independent validation of gene expression-based hepatocarcinogenicity prediction models

S. Auerbach¹; D. Mav²; R. Shah²; M. K. Vallant¹; N. J. Walker¹; G. A. Boorman¹; R. D. Irwin¹
1. NTP, NIEHS, Research Triangle Park, NC, USA.
2. SRA International. Inc., Research Triangle Park, NC, USA.
ABSTRACT #1097

2009 Best Risk Assessment Abstract

Translating in vitro estrogenic assay results to ecological risk assessment

C. Mori¹; S. Thakali¹; A. Tarrant¹; M. Sharma¹; H. Yekel³; T. Verslycke¹
1. Gradient Corporation, Cambridge, MA, USA.
2. Woods Hole Oceanographic Institution, Woods Hole, MA, USA.
3. Wyeth Pharmaceuticals, Malvern, PA, USA.
ABSTRACT #440 Poster Board 308
Location: Exhibit Hall
Time of Presentation: Mar 16 1:00 PM - 1:00 PM
Category: Ecotoxicology, (Risk Assessment), (Safety Assessment: Pharmaceutical)

2009 Top 10 Risk Assessment Abstracts (Ordered by presentation date)

Automated Dose-Response Analysis of the Relative Hepatic Gene Expression Potency of TCDF in C57BL/6 Mice

L. D. Burgoon¹, 2, 5; Q. Ding¹, 2, 3; A. N'jai¹, 2, 3; E. Dere¹, 2, 3; J. Rowlands⁴; R. A. Budinsky⁵; K. E. Stebbins⁴; T. R. Zacharewski¹, 2, 3
1. Biochemistry & Molecular Biology, Michigan State University, East Lansing, MI, USA.
2. National Food Safety & Toxicology Center, Michigan State University, East Lansing, MI, USA.
3. Center for Integrative Toxicology, Michigan State University, East Lansing, MI, USA.
4. The Dow Chemical Company, Midland, MI, USA.
5. Toxicogenomic Informatics and Solutions, LLC, Lansing, MI, USA.
ABSTRACT #55
Assessing the Influence of Dietary Manganese Variability and Inhaled Exposure by Pharmacokinetic Modeling

A. Nong\textsuperscript{1}; M. D. Taylor\textsuperscript{2}; D. C. Dorman\textsuperscript{1, 3}; M. E. Andersen\textsuperscript{1}; H. J. Clewell\textsuperscript{1}
1. The Hamner Institutes for Health Sciences, Research Triangle Park, NC, USA.
2. Afton Chemical Corporation, Richmond, VA, USA.
3. College of Veterinary Medicine, North Carolina State University, Raleigh, NC, USA.
ABSTRACT #467

Use of a physiologically based pharmacokinetic (PBPK) model to predict tissue disposition in pigs fed melamine.

J. L. Buur\textsuperscript{1}; R. E. Baynes\textsuperscript{2}; J. E. Riviere\textsuperscript{1}
1. College of Veterinary Medicine, Western University of Health Sciences, Pomona, CA, USA.
2. Center for Chemical Toxicology and Pharmacokinetics, NCSU, Raleigh, NC, USA.
ABSTRACT #477

Age- and gender-structured distributions for physiological parameters: assessment of human variability in the exposure-internal-dose relationship for dichloromethane (DCM)

P. M. Schlosser\textsuperscript{1}; A. Bale\textsuperscript{2}; G. S. Cooper\textsuperscript{1}
1. NCEA, U.S. EPA, RTP, NC, USA.
2. NCEA, U.S. EPA, Washington, DC, USA.
ABSTRACT #479

Evaluating Neurotoxicity of a Mixture of Five OP Pesticides Using a Composite Score

E. Nyirabahizi\textsuperscript{1}; C. Gennings\textsuperscript{1}; V. C. Moser\textsuperscript{2}
1. Biostatistics, Virginia Commonwealth University, Richmond, VA, USA.
2. Neurotoxicology Division, U.S. EPA-NHEERL, Research Triangle Park, NC, USA.
ABSTRACT #564

Comparison of quantum dot biodistribution with blood flow-limited physiologically based pharmacokinetic model

H. A. Lee\textsuperscript{1}; T. L. Leavens\textsuperscript{1}; S. E. Mason\textsuperscript{1}; N. A. Monteiro-Riviere\textsuperscript{1}; J. E. Riviere\textsuperscript{1}
1. Center for Chemical Toxicology Research and Pharmacokinetics, North Carolina State University, Raleigh, NC.
ABSTRACT #719

Cryptosporidium exposure and recreational water contact in persons with HIV/AIDS in Baltimore, Maryland

C. C. McOliver\textsuperscript{1}; E. K. Silbergeld\textsuperscript{1}; T. K. Graczyk\textsuperscript{1}
1. Environmental Health Sciences, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA.
ABSTRACT #1201

The relationship between the IC50, toxic threshold, and the magnitude of stimulatory response in biphasic (hormetic) dose-responses

M. A. Nascarella\textsuperscript{1, 2}; E. J. Calabrese\textsuperscript{2}
1. Gradient Corporation, Cambridge, MA, USA,
2. Environmental Health Sciences, University of Massachusetts Amherst, Amherst, MA, USA.

ABSTRACT #1275

Your results may vary: exploring the sensitivity of titanium dioxide risk estimates to different modeling assumptions
D. A. Dankovic1; E. D. Kuempel1; M. W. Wheeler1
1. Risk Evaluation Branch, CDC/NIOSH, Cincinnati, OH, USA.

ABSTRACT #1473

Point/Counterpoint at RASS Reception:

Risk Assessment in the 21st Century: Is Everything Linear?

Presenters: Lawrence Rhomberg, Gary Ginsberg

Moderator: Rory Conolly

Specialty Section 2008-2009 Activities:

• Continuing RASS Teleseminar Series
  o Joint telecons with BMSS, SRA DRSG
• Creating Risk Assessment Primer for SOT Web Site
  o Still under development
• Sponsored 5 CE Courses and 46 Sessions
  o 60% success rate compared to SS average of 55%
• Presented RASS poster at student/postdoc mixer
• Conducted 2 Surveys:
  o SOT student membership: interest in RASS
  o RASS membership satisfaction / interests