



**Society of Toxicology Annual Meeting**  
**NTP Presentations**  
 March 26-29, 2007



Time	Room	Presenter	Session: Presentation Title: (Indicates NIEHS/NTP Authors)	Poster/ Abstract #	
<b>MARCH 26</b>					
Morning Session 9:30- 12:30	Workshop Session				
	208	Christopher Portier	<i>The Future of Risk Assessment In Environmental Health: Can Current Approaches Fulfill Public Health Needs? Dose-Response Analysis: the Quantitative Challenge [10:30]</i>	32	
	Poster Session				
Exhibit Hall	George Clark SACATM Member	<i>Endocrine Systems: Comparison of Visual Inspection to CellTiter-Glo™ in Evaluating Cytotoxicity in the LUMI-Cell™ ER Bioassay (R. R. Tice, W. S. Stokes)</i>		138-210	
	Barry Delclos FDA/NCTR	<i>Endocrine Systems: A Five Generation Reproductive Toxicity Assessment of Ethinyl Estradiol (EE) in CD Sprague-Dawley Rats (R. Newbold)</i>		143-215	
Afternoon Session 1:30-4:30	Poster Session				
	Exhibit Hall	D. R. Bell U. of Nottingham, UK	<i>Developmental Toxicity and Teratology: TCDD is a Potent Developmental Toxin, but Fails to Affect Spermatogenesis in Offspring of Chronically Treated CRL:WI(Han) Rats (P. M. Foster)</i>	432-331	
3:50-4:15	Workshop Session				
	207 C	William Stokes	<i>Alternative and Integrated Approaches to Skin Sensitization Testing: Alternative and Integrated Approaches to Skin Sensitization: Recent Progress and the Way Forward (3:50pm)</i>	593	
<b>MARCH 27</b>					
7:30-8:50	Informational Session				
	217C	David Schwartz John Bucher	<i>New Frontiers in Environmental Sciences and Human Health: Implementation Update on the NIEHS Strategic Plan</i>		
Morning Session 9:00- 12:30	Poster Session				
	Exhibit Hall	Min Song	<i>Toxicogenomics I: Liver: Transcriptome Changes in HepG2 Cells Exposed to Copper: GO Analysis and Hierarchical Clustering (J. H. Freedman)</i>	750-124	
Matthew Stout		<i>Carcinogenesis I: Effect of Diet and Helicobacter Hepaticus Infection on the Detection of Liver Carcinogenicity in B6C3F1 Mice Following Two-year Dermal Exposure to Triethanolamine (J. R. Bucher)</i>		774-149	
Afternoon Session 1:00-4:30	Poster Session				
	Exhibit Hall	David Allen ILS, Inc.	<i>Alternatives to Mammalian Models I: Performance of EPISKIN® and EpiDerm®, Two In Vitro Skin Irritation Test Methods, Using the EPA and GHS Hazard Classification Systems (R. R. Tice)</i>		1196-518
		Windy Boyd	<i>Alternatives to Mammalian Models I: A High-Throughput Method for Assessing Chemical Toxicity Using a Caenorhabditis elegans Feeding Response Assay (J. H. Freedman)</i>		1184-506
		Neepa Choksi ILS, Inc.	<i>Regulatory/Policy: Effect of Topical Anesthetic Pre-treatment on In Vivo Ocular Irritation Hazard Classification (J. Haseman, Retired)</i>		1224-602
		Frank Deal ILS, Inc.	<i>Alternatives to Mammalian Models II: Results of a Protocol Standardization Study for the LUMI-CELL® Estrogen Receptor (ER) Transcriptional Activation (TA) Bioassay (R. R. Tice, W. S. Stokes)</i>		1165-439
		David Hattan FDA	<i>Alternatives to Mammalian Models II: ICCVAM Revised Recommended Substance List for the Evaluation of In Vitro Test Methods for Identifying Potential Endocrine Disruptors (R. R. Tice, W. S. Stokes)</i>		1167-441
		S. Y. Euling EPA/NCEA	<i>Toxicogenomics II: Non Liver Studies: Use of Toxicogenomics Data in Risk Assessment: A Case Study on Dibutyl Phthalate and Male Reproductive Developmental Effects (P. M. Foster)</i>		1023-148
		Jodie Kulpa-Eddy USDA	<i>Regulatory/Policy: ICCVAM/NICEATM/ECVAM Scientific Workshop on Alternative Methods to Refine, Reduce and Replace the Mouse LD50 Assay for Botulinum Toxin Testing (W. S. Stokes, R. R. Tice)</i>		1225-603
		Rachel Patterson	<i>Immunotoxicity, (Hypersensitivity) Evaluation of the Systemic Sensitization Potential of 2,3 Butanedione (Diacetyl) in Balb/C Mice (D. Germolec)</i>		1154-426
		Leonard Schectman FDA retired	<i>Regulatory/Policy: ICCVAM Recommendations on the Use of Four In Vitro Test Methods for the Classification of Ocular Corrosives and Severe Irritants (W. S. Stokes, R. R. Tice)</i>		1226-604
		Cynthia Smith	<i>Alternatives to Mammalian Models I: Chemical Selection for NTP's High Throughput Screening Initiative -- Round 1 (J. R. Bucher, A. Dearry, C. J. Portier, R. R. Tice, K. Witt, B. Collins)</i>		1187-509
		William Stokes	<i>Alternatives to Mammalian Models II: NICEATM/ECVAM/JaCVAM Multi-phased International Validation Study of a Stably-Transfected Estrogen Receptor (ER) Transcriptional Activation (TA) Test Method (R. R. Tice)</i>		1166-440
		Judy Strickland	<i>Alternatives to Mammalian Models I: Final Results of the NICEATM/ECVAM Validation Study of In Vitro Cytotoxicity Test Methods for Estimating Rat Acute Oral Toxicity (W. S. Stokes, R. R. Tice)</i>		1179-501
		Raymond Tice	<i>Alternatives to Mammalian Models I: The National Toxicology Program (NTP) High Throughput Screening (HTS) Initiative: Current Status and Future Directions (C. S. Smith, K. Witt, J. H. Freedman, A. Dearry, J. R. Bucher)</i>		1186-508
		Marilyn Wind CPSC	<i>Regulatory/Policy: The Interagency Coordinating Committee on the Validation of Alternative Methods (ICCVAM) Recommendations for the Use of In Vitro Cytotoxicity Test Methods to Reduce Animal Use for Acute Oral Toxicity Testing (W. S. Stokes, R. R. Tice)</i>		1223-601
Menghang Xia NHGRI		<i>Alternatives to Mammalian Models I: Chemical Compound Profiling of Cell-Based Toxicity Assays Using Quantitative High-Throughput Screening (K. Witt, C. S. Smith, R. R. Tice)</i>		1185-507	

Time	Room	Presenter	Session: Presentation Title: (Indicates NIEHS/NTP Authors)	Poster/ Abstract #
<b>MARCH 28</b>				
9:00-11:45	Scientific Session			
	217A	John French	<i>Approaches to Assessing Whether a Carcinogen is Acting Via a Genotoxic Mode of Action: Identification of Presumptive Human Carcinogens and Their Mode of Action Using Toxicogenetics</i> [10:20-10:50]	1337
	Platform Session			
	211A	Dori Germolec	<i>Immunotoxicology: Apoptosis and TCDD</i> (Co-Chair)	
Morning Session 9:00-12:30	Poster Session			
	Exhibit Hall	Neera Gopee FDA/NCTR	<i>Nanoparticles: Ecological and Health Effects: Accumulation of Nanoscale Quantum Dots in Multiple Organs In Vivo, Following Dermal Exposure to Dermabraded But Not Tape Stripped or Intact SKH-1 Mouse Skin</i> (N. J. Walker, P. C. Howard, NCTR/FDA)	1398-116
		M. E. Kraeling FDA/CFSAN	<i>Nanoparticles: Ecological and Health Effects: Evaluation of In Vitro Penetration of Quantum Dot Nanoparticles into Human Skin</i> (N. J. Walker)	1397-115
		Michael Waalkes	<i>Arsenic Toxicity: In Utero Arsenic Exposure Enhances Skin Squamous Cell Carcinoma Formation and Induces Proliferative Lesions of the Urinary Bladder, Uterus and Adrenal in Tg.AC Mice</i> (D. Germolec)	1467-239
Special Session				
12:30-1:30	208	David Schwartz	<i>Meet the Directors - A Dialogue with NIEHS</i>	
Afternoon Session 1:30-4:30	Poster Session			
	Exhibit Hall	Peter Schebler Midwest Research Institute	<i>Natural Products: Analytical Method Development and Method Validation for the Quantitation of Beta-Myrcene in Fisher 344N Rat Plasma</i> (C. S. Smith)	1770-428
3:05-3:45	Workshop Session			
	208	Gary Boorman	<i>Toxicogenomics is a Team Sport: Introduction: Gary Boorman [1:30]; Differential Response of the Left &amp; Median Liver Lobes to Toxic Challenge: Rick Irwin [3:05]; Patterns of Differential Gene Expression in Liver Following Hepatotoxicant Exposure: Kevin Gerrish [3:45]</i>	
<b>MARCH 29</b>				
7:30-8:50	Roundtable Session			
	217A	Nigel Walker	<i>Chemical Mixtures: Is the 'Problem' Solvable? How Can Pharmacokinetic and Pharmacodynamic Modeling Be Used to Understand Observed Interactions?</i>	1886
9:00	Symposium Session			
	208	Dori Germolec	Gene Expression and Immune System Susceptibility	2144
Morning Session 8:30 - 12:00	Poster Session			
	Ball-rooms A&B Conv. Center	Joseph Algaier Midwest Research Institute	<i>Disposition/Pharmacokinetics: Preliminary Biological Sample Analysis of (R)-(+)-Pulegone in Female and Male F344N Rat Plasma Samples from a PTK Study Using IV Dosing</i> (C. S. Smith)	2024-316
		B. Atkinson Gene Logic	<i>Reproductive System: Focus on Adults: Comparison of Vaginal Cytology Control Data Generated in Seven Laboratories in Fischer 344 Rats and B6C3F1 Mice</i> (J. B. Bishop)	2073-366
		Yuxia Cui	<i>Cadmium, Mercury &amp; Metallothionein: Toxicogenomic Analysis of Cadmium Responsive Transcription in Caenorhabditis elegans Reveals Novel Genes and Pathways Involved in Heavy Metal Resistance</i> (J. H. Freedman)	1923-137
		Veronica Godfrey	<i>Disposition/Pharmacokinetics: Effect of Drinking Water Preconditioning on Dichloroacetic Acid (DCA) and Dibromoacetic Acid (DBA) Toxicokinetics (TK) in F344 Rats and B6C3F1 Mice</i> (C. S. Smith)	2025-317
		Jerry Johnson Battelle	<i>Disposition/Pharmacokinetics: Dibromoacetic Acid Toxicokinetic Study in F344 Rats and B6C3F1 Mice</i> (C. S. Smith)	2026-318
		Seongwon Hong Battelle	<i>Disposition/Pharmacokinetics Impact of Animal Handling on the Toxicokinetics of bis(2-Chloroethoxy)methane in Male F344 Rats</i> (C. S. Smith)	2036-328
		J. E. Leakey FDA/NCTR	<i>Carcinogenesis II: Use of Genetically Modified C3B6F1 trp53(+/-) p53 Haploinsufficient Mice for Short-term Cancer Bioassays of Antiretroviral (ARV) Drugs</i> (J. Dunnick)	1943-159
		Edward Lebetkin	<i>Disposition/Pharmacokinetics: Disposition and Metabolism of n-butyl Glycidyl Ether in F344 Rats and B6C3F1 Mice</i> (M. Sanders, L. T. Burka)	2021-313
		Matthew McElwee	<i>Cadmium, Mercury &amp; Metallothionein: Molecular and Toxicological Responses to Mercurials in Caenorhabditis elegans</i> (J. H. Freedman)	1940-154
		H. S. Seung Gene Logic	<i>Reproductive System: Focus on Adults: Comparison of Control Male Reproductive Data from Seven Laboratories.</i> (J. B. Bishop)	2075-368
		Brooke Tvermoe	<i>Cadmium, Mercury &amp; Metallothionein: The Molecular Characterization of a Cadmium Inducible Transformer-2-like Protein from the Nematode Caenorhabditis elegans</i> (J. H. Freedman, W. Boyd, D. Snyder)	1925-139
Anastasia Wise		<i>Epidemiology/Exposure Assessment: Familial Interstitial Pneumonia (FIP) is Phenotypically and Genetically Heterogeneous</i> (D. A. Schwartz)	1995-214	