

**IN VITRO and ALTERNATIVE METHODS SPECIALTY SECTION (IVAM SS)
2009-2010 Annual Report**

I. Introduction

Officers:

<i>Position</i>	<i>2010-2011</i>	<i>2009-2010</i>
President	Sue M. Ford	David Allen
Vice President	Vincent Murphy	Sue M. Ford
Vice President-elect	Sharon Meyer	Vincent Murphy
Secretary-Treasurer	Diane Hardej	Sharon Meyer
Councilors	Greg Falls, Kylee Eblin	Brian Cummings, Greg Falls
Past President(s)	David Allen	Frank A. Barile
Student Representative		Andrea DeSantis
Vice Student Representative	Stephanie Liao	
Postdoc/Fellow Representative	Vijay M. Kale	Josh Harrill

Committees:

Judges of 2010 poster awards: Dave Allen, Sue Ford, Sharon Meyer, Vince Murphy

Reviewers of the Colgate-Palmolive award: Dave Allen, Brian Cummings, Vince Murphy, Frank Barile, Josh Harrill and Sharon Meyer.

Nomination for SOT Nominating Committee ballot: not applicable

Number of Members: 227 (as of 8/10)

II. Activities

A. Annual Business Meeting/Reception:

The annual IVSS business meeting (luncheon reception) was held on Tuesday March 9, 2010 in the Salt Palace Convention Center (Salt Lake City, Utah). Approximately 100 people were in attendance at the general meeting. After a general report was made by the president and financial report by the secretary/treasurer, the following awards for best graduate student posters were presented by the Vice-president, Sue Ford

B. 2009 IVAM SS Student Awardees

	Applicant	Sponsor	Abstract Title
1 st Place \$500	Josh Harrill	EPA	Embryonic Stem Cell-Derived Neurons Using Automated High-Content Image Analysis
2 nd Place (tie) \$300	Susanna H. Wegner	Univ. Washington	Three Dimensional Co-Culture of Testicular Cells as an <i>In Vitro</i> Model for Testis: Toxicogenomic Responses of

			Phthalate Esters, Bisphenol A, and Glycol Ethers
2 nd Place (tie) \$300	Wang, Zheng-Yu	Univ. Indiana	Characterization of an Immortalized Murine Kupffer Cell Line for Use in Toxicological Studies
SAC travel award			

The executive council meeting was , March 8, 2010 and was attended by : David Allen, Andrea DeSantis, Kylee Eblin, Sue Ford, Diane Hardej, Joshua Harrill, Sharon Meyer, Vince Murphy

C. Discussion of IVAM's view of their role in review of applications to the Colgate-Palmolive Grants for Alternative Research. Suggested that a letter from IVAM President should be written to SOT Awards Committee to clarify IVAM's role.

D. Review of Proposals for IVAM Sponsorship/Endorsement for 2011 SOT meeting. EC members evaluated 32 proposals by email. IVAM agreed to sponsor or endorse, and Vince Murphy entered IVAM's preferences on SOT webpage.

E. Discussion of ToXchange launch and leadership site on SOT website

III. Financial Report*:

Balance as of 7/30/09: \$9,100
Revenue from Registration: \$2052
Dues: \$3405
Interest: \$547
Non-dues revenue:
Expenses: \$3612.00
Balance as of 8/23/1010: \$11,492

*Financial report was based on latest document available from SOT at the time of this report listed as June, 2010)

IV. Future Plans

-- Offered sponsorship/endorsement of workshop, symposia and CE course at 2011 SOT annual meeting. IVAM inclusion on SOT-compiled applicant list follows:

Sponsorship

Abstract	Title	Type	Score	Rank	Endorse
880953	The International Cooperation on Alternative Test Methods (ICATM): Translating Science to Provide Improved Public Health Safety Assessment Tools	Informational Session	2.25	1	Yes
881040	Moving Innovative Safety Testing Methods from the Bench to Regulatory Approval: Federal Resources for Developers	Informational Session	3	2	Yes
845299	Progress of the Tox21 Consortium in High Throughput Bioactivity Profiling of Chemicals	Symposium	1.25	1	Yes
879096	Frontiers in Predictive Toxicology: Insights to In Silico Methods for Risk Assessment, Toxicology, and Metabolism	Symposium	2.25	2	Yes
879470	Functional and Comparative Genomics: Systematic Screening for Genes Involved in Human Susceptibility to Chemical Exposures	Symposium	2.25		Yes
880973	High Content Imaging-Applications in Toxicology and Toxicity Testing	Symposium	2.75	3	Yes
880782	Precision cut tissue slices revisited: A classical method meets new challenges	Workshop	2	2	Yes
880967	Post-Licensing Vaccine Potency and Safety Testing: State of the Science, Alternative Methods, and Future Directions	Workshop	2.25	1	Yes
881122	Integrating Alternative Test Methods into the Federal Regulatory Framework	Workshop	2.5	3	Yes

Endorsement

Abstract	Title	Endorse
867857	Lysosome in disease and toxicity	No
869917	Safety Assessment Approaches: From Food to Cosmetic Ingredients	No
877601	Evaluating Toxicity of Engineered Nanomaterials: Issues with Conventional Toxicology Approaches	Yes
877859	Methods for In Vitro and In Vivo Percutaneous Absorption	Yes
877944	Ocular Toxicity from Systemically Administered Xenobiotics: Considerations in Drug Development	Yes
878093	From Meaningless to Essential: Advancing In Vitro Nanomaterial Toxicity Assessment Towards a Paradigm of Prediction	Yes
879537	From Silent Spring to cutting edge pesticide research: State of the science	Yes
879675	Human Variability in Susceptibility to Environmental Toxicants	Yes

879718	The Application of the Threshold of Toxicological Concern Concept to the Preclinical Safety Assessment of Non-Pharmaceutical Medical Products, Including Medical Devices and Combination Drug-Device Products.	No
880126	Human pluripotent stem cells and neural progenitors as models of gene-environment interactions in neurological disease	Yes
880164	Safety and Application of Biodegradable Materials for Tissue Engineering	Yes
880251	Emerging Issues at the Intersection of Reproductive and Mixtures Toxicology	No
880332	Understanding Structural and Physical Chemical Drivers of Drug Toxicity: Utility and Translatable Value	Yes
880527	In vitro and in silico strategies in toxicokinetics	Yes
880596	New Technologies and Approaches in Genetic Toxicology and Their Expanding Role in General Toxicology and Safety Assessment	Yes
880624	Quantitative In Vitro to In Vivo Extrapolation: The Sine Qua Non of In Vitro Assay Based Risk Assessment	Yes
880642	Uncovering the Role of Non-coding RNAs in Toxicology	Yes
880782	Precision cut tissue slices revisited: A classical method meets new challenges	Under Sponsorship
880914	Livers on a plate: next generation hepatocyte models for high-throughput screening and mode of action prediction	Yes
880942	Advancing predictive ecotoxicology testing and environmental risk assessment in the 21st Century	Yes
880987	Implementation of High-Throughput Screening for Environmental Decision-Making: Are We Ready?	Yes
881076	Identifying Toxicity Pathways for Testing – Progress and Future Strategies	Yes
881105	Applying the Principles of Evidence-based Medicine toward an Evidence-based Toxicology	No

Submitted (revised report) 08/22/10

Diane Hardej, Secretary/Treasurer