

**IN VITRO and ALTERNATIVE METHODS SPECIALTY SECTION
(IVAM SS)
2010-2011 Annual Report**

I. Introduction

Officers:

<i>Position</i>	<i>2011-2012</i>	<i>2010-2011</i>
President	Vincent Murphy	Sue M. Ford
Vice President	Sharon Meyer	Vincent Murphy
Vice President-elect	Suzanne Fitzpatrick	Sharon Meyer
Secretary-Treasurer	Diane Hardej	Diane Hardej
Councilors	Kylee Eblin, Jessica Ryman-Rasmussen	Greg Falls, Kylee Eblin
Past President(s)	Sue M. Ford	David Allen
Student Representative	Sridhar Jaligama	Andrea DeSantis
Vice Student Representative	Lisa Hoffman	Stephanie Liao
Postdoc/Fellow Representative	Prajakta Palkar	Vijay M. Kale

Committees:

Judges of 2011 poster awards: Sue Ford, Sharon Meyer, Vince Murphy, Diane Hardej

Reviewers of the Colgate-Palmolive award: SOT has now assumed responsibility for this award

Nomination for SOT Nominating Committee ballot: not applicable

Number of Members: 257 current members, 43% corporate, 28% academic, 11% government and 18% contract/consulting.) (as of 3/11)

II. Activities

A. Annual Business Meeting/Reception:

The annual IVSS business meeting (luncheon reception) was held on **Wednesday, March 9th, 2011, 12 noon EST, Walter E. Washington Convention Center, Washington D.C., Salon G**. Approximately 118 people were in attendance at the general meeting. After a general report was made by the vice-president and financial report by the secretary/treasurer, the following awards for best graduate student posters were presented by the Vice-president, Vincent Murphy

B. 2011 IVAM SS Student Awardees

	Applicant	Sponsor	Abstract Title
1 st Place \$400	Andrea DeSantis	Marion K. Gordon	Nitrogen mustard-induced corneal injury is ameliorated by ADAM17/TACE inhibitors.
2 nd Place \$200	Michael Borland	Jeffrey M. Peters	Stable over-expression of PPAR β/δ and PPAR γ to examine receptor signaling in human HaCaT keratinocytes.
1 st Place Post-doc \$400	Dongeun (Dan) Huh	Donald E. Ingber	A human breathing lung-on-a-chip for drug screening and nanotoxicology applications.
2 nd Place post-doc \$200	Anna Grosberg	Kevin Kit Parker	Novel in vitro approach for assessing cardiac contractile liabilities using micropatterned muscular thin films.

Anna Grosberg was the winner of the MB student Research Award. The award was presented by George DeGeorge, Ph.D., Director and Chief Scientific Officer at MB Research Labs.

C. The executive council meeting was, March 7, 2011 and was attended by: David Allen, Vincent Murphy, Andrea DeSantis, Diane Hardej, and Lisa Hoffman (new Vice Student Rep)
Absent: Sue Ford, Sharon Meyer, Kylee Eblin, Greg Falls, Vijay Kale

D. **Sue Ford** discussed SOT awards committee ranking of the CP awards which were inconsistent with results obtained from IVAMs review of the award applications. SOT has since decided to assume the responsibility for deciding grant awards and will call on IVAM for assistance when particular expertise is available

E. **Dave Allen** reiterated that there was a great deal of overlap with IVAM sponsored programs that need to be addressed with the SOT programs committee to prevent this in the future. Examples cited were, Colgate Palmolive (CP) luncheon at 12noon and International Cooperation on Alternative Test methods (ICATM) at 12:10, both on Monday March 7th.

F. Discussion was made of ways to increase member participation in IVAM SS as a mechanism to not only increase awareness but to foster increased membership. Vince Murphy brought sign-up sheets to the business meeting for volunteers which included the following committees: Programs, Membership, Awards, Nominations and Communications Committees. A good volunteer response was noted.

G. Review of Proposals for IVAM Sponsorship/Endorsement for 2012 SOT meeting. EC members evaluated 31 proposals by email. IVAM agreed to sponsor or endorse, and Sharon Meyer entered IVAM's preferences on SOT webpage.

III. Financial Report:

Balance as of 6/27/10: \$11,491

Revenue from Registration: \$2,399

Dues: \$3885 (as per Kim Von Brook 7/19/11)

Interest: \$621 (estimated, based on dues)

Non-dues revenue: \$2000 (CP award money)

Expenses: \$6135 (includes reception, plaques, awards, luncheon gifts)

Balance as of 7/19/2011: \$9755 (listed on May 2011 financials+ dues/interest= \$14,261)

IV. Future Plans

-- Offered sponsorship/endorsement of workshop, symposia and CE course at 2012 SOT annual meeting. IVAM inclusion on SOT-compiled applicant list follows:

Control ID#	Title	Primary Present'n Type	Principal	Rank	Score	Endorse
IVAM SPONSORSHIP						
845299	Progress of the Tox21 Consortium in High Throughput Bioactivity Profiling of Chemicals	Symposium	Kavlock	1	1	yes
879096	Frontiers in Predictive Toxicology: Insights to In Silico Methods for Risk Assessment, Toxicology, and Metabolism	Symposium	Ahlborn		3	yes
879470	Functional and Comparative Genomics: Systematic Screening for Genes Involved in Human Susceptibility to Chemical Exposures	Symposium	Volpe	2	2	yes
880782	Precision cut tissue slices revisited: A classical method meets new challenges	Workshop	Wolf	1	2	yes
880953	The International Cooperation on Alternative Test Methods (ICATM): Translating Science to Provide Improved Public Health Safety Assessment Tools	Informational Session	Stokes	1	2	yes
880967	Post-Licensing Vaccine Potency and Safety Testing: State of the Science, Alternative Methods, and Future Directions	Workshop	McFarland	2	3	yes
880973	High Content Imaging-Applications in Toxicology and Toxicity Testing	Symposium	Mundy	3	2	yes
881040	Moving Innovative Safety Testing Methods from the Bench to Regulatory Approval: Federal Resources for Developers	Informational Session	Stokes	2	3	yes

881122	Integrating Alternative Test Methods into the Federal Regulatory Framework	Workshop	Rowan	3	3	yes
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Control ID#	Title	Primary Present'n Type	Principal	Endorse
ENDORSEMENT				
Endorser 1 [11]				
877859	Methods for In Vitro and In Vivo Percutaneous Absorption	CE Advanced	Reifenrath	no
878093	From Meaningless to Essential: Advancing In Vitro Nanomaterial Toxicity Assessment Towards a Paradigm of Prediction	Workshop	Teeguarden	yes
879675	Human Variability in Susceptibility to Environmental Toxicants	Symposium	Mortensen	yes
879718	The Application of the TTC Concept to the Preclinical Safety Assessment of Non-Pharmaceutical Medical Products, Including Medical Devices and Combination Drug-Device Products.	Roundtable	Cheeseman	no
880126	Human pluripotent stem cells and neural progenitors as models of gene-environment interactions in neurological disease.	Symposium	Lein	yes
880596	New Technologies and Approaches in Genetic Toxicology and Their Expanding Role in General Toxicology and Safety Assessment	CE Basic	Walmsley	yes
880624	Quantitative In Vitro to In Vivo Extrapolation: The Sine Qua Non of In Vitro Assay Based Risk Assessment	CE Basic	Blaauboer	yes
880782	Precision cut tissue slices revisited: A classical method meets new challenges	Workshop		
880987	Implementation of High-Throughput Screening for Environmental Decision-Making: Are We Ready?	Workshop	Baier-Anderson	yes
881076	Identifying Toxicity Pathways for Testing - Progress and Future	Workshop	Zurlo	yes

	Strategies			
881105	Applying the Principles of Evidence-based Medicine toward an Evidence-based Toxicology	Workshop	Bus	no
Control ID#	Title	Primary Present'n Type	Principal	Endorse
Endorser 2 [6]				
869917	Safety Assessment Approaches: From Food to Cosmetic Ingredients	Symposium	Schilter	no
879537	From Silent Spring to cutting edge pesticide research: State of the science.	Symposium	Luccisano	yes
880164	Safety and Application of Biodegradable Materials for Tissue Engineering	CE Sunrise	Fisher	yes
880332	Understanding Structural and Physical Chemical Drivers of Drug Toxicity: Utility and Translatable Value	Workshop	Hartley	yes
880527	In vitro and in silico strategies in toxicokinetics	Symposium	Kim	yes
880642	Uncovering the Role of Non-coding RNAs in Toxicology	Symposium	Hahn	yes
Endorser 3 [5]				
867857	Lysosome in disease and toxicity	Symposium	Lu	yes
877601	Evaluating Toxicity of Engineered Nanomaterials: Issues with Conventional Toxicology Approaches	CE Basic	Nadadur	yes
877944	Ocular Toxicity from Systemically Administered Xenobiotics: Considerations in Drug Development	Symposium	Brock	yes
880251	Emerging Issues at the Intersection of Reproductive and Mixtures Toxicology	Symposium	Schlenk	no

880914	Livers on a plate: next generation hepatocyte models for high-throughput screening and mode of action prediction	Symposium	Corton	yes
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Submitted 7/27/11

Diane Hardej, Secretary/Treasurer