

REGULATORY AND SAFETY EVALUATION SPECIALTY SECTION

ANNUAL REPORT: 2010-2011

May 1, 2010 to April 30, 2011

I. Officers/Committees:

Officers:	<u>2009-2010</u>	<u>2010-2011</u>
President:	Brian Short	Timothy Pastoor
Vice President:	Timothy Pastoor	Paul Brown
Vice President-Elect:	Paul Brown	Daland Juberg
Secretary/Treasurer:	Cynthia Afshari	Nancy B. Beck
Councilors:	Nancy B. Beck	Lorrene Buckley
	Lorrene Buckley	David Ackley
<i>Past-President</i>	James Lamb	Brian Short
SAC Representative:	Thomas Simones	Marcy MacNamara
PDA Representative:		Michael Boyle

Committees: Program Sub-Committee to rank proposals for sponsorship (over 50) was chaired by Susan Hart.

II. Activities

2011 SOT Annual Meeting Reception was chaired by Dr. James Lamb on March 7th in Washington DC at the Russell Senate Office Building. Approximately 150 people were in attendance.

The annual “Great Debate” session was held and the topic was “Hazard information provides an adequate basis for restricting chemical use.” This topic was certainly timely, as restricting chemicals based on hazard is a topic of discussion in the United States Congress, which is considering amending the Toxic Substances Control Act. Dr. George Gray defended the notion that hazard information provides an adequate basis for restricting chemical use, while Dr. Lorenz Rhomberg promoted relative risk-based and risk assessment evaluation-based approaches, in addition to hazard information, for imposing regulatory standards. Dr. Brian Short called the business meeting to order and meeting minutes are posted on the ToXchange website.

The officers’ breakfast meeting was held March 7, 2011 and minutes are posted on the ToXchange website.

Awards:

Student Poster Travel Awards:

Corie Ellison (RSESS/ISTRP Joint award winner): “Construction and validation of a human PBPK/PD model for dermal chlorpyrifos exposure utilizing human biomarker data”.

Senthilkumar Perumal Kuppusamy: “Telomere dysfunction and telomerase reactivation in human skin keratinocytes: a possible new mechanism of PCB carcinogenesis”.

Liying Zhang: “Quantitative Structure-Activity Relationship (QSAR) Modeling of Estrogen Receptor (ER) Binding Affinity and Virtual Screening for Potential Endocrine Disrupting Compounds (EDCs)”.

Postdoctoral Poster Travel Awards:

Anna Grosberg, PhD: “Novel *In Vitro* Approach For Assessing Cardiac Contractile Liabilities Using Micropatterned Muscular Thin Films”.

Kyung-Jin Jang, PhD: “Kidney Proximal Tubule-on-a-Chip for Drug Transporter Studies and Nephrotoxicity Assessment”.

Jie Zhang, MD, PhD: “Acute oral toxicity studies of a new pesticide-AMTS18 in mice”.

2010 SOT Annual Meeting Courses/Sessions: A number of sessions of all types were sponsored, including the workshop: New approaches for integrating toxicological and epidemiological data to better inform risk assessment.

Endowment Fund Details: Not applicable. No endowment fund has been created.

Newsletters: Published and posted on SOT RSESS Website. Issues are Winter 2010 and Summer 2011. Contributions included updates on meetings held on various topics of interest to our membership as well as updates on recent regulatory activities in the EPA and FDA agencies.

Teleseminars: None

White Papers: None

Contributions to SOT Web site: None

Other SOT Contributions: None

Meeting Sponsorships: Sponsored the Alliance for Risk Assessment workshop (\$3000) held in 2010/2011.
