

Regulatory and Safety Evaluation Specialty Section

ANNUAL REPORT: 2009-2010

May 1, 2009 to April 30, 2010

I. Officers/Committees:

Officers:	<u>2008-2009</u>	<u>2009-2010</u>
President:	James Lamb	Brian Short
Vice President:	Brian Short	Timothy Pastoor
Vice President-elect:	Timothy Pastoor	Paul Brown
Secretary/Treasurer:	David Jacobsen-Kram	Cynthia Afshari
Councilors:	Cynthia Afshari	Nancy Beck
	Nancy Beck	Lorrene Buckley
<i>Past-President</i>	Frank Sistare	James Lamb
SAC Representative:	Jaishree Bankotti	Thomas Simones

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

II. Activities

2010 SOT Annual Meeting Reception was held Salt Lake City, Utah on March 9, 2010. Approximately 150 people were in attendance. The annual "Great Debate" session was held and the topic was "Are the Blind Leading the Blind or Are Pathologists Biased?" A Debate on the Pros and Cons of Blinded Histo-pathology Evaluation for the Qualification of New Biomarkers of Toxicity, broached this difficult and often heated subject. Two veteran pathologists, Karamjeet Pandher BVSc, PhD, DACVP (Con position) and Robert Maronpot, DVM, MPH, DACVP (Pro position), presented their cases on the best and most informative histopa-thological methods to identify biomarkers of toxicity using blinded or non-blinded studies. 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 8, 2010 and minutes are posted on the ToXchange website.

Awards:

Student poster travel awards:

Haitian Lu: —Characterization of TCDD Effect on the CD40L-Induced IgM Antibody Responses in Primary Mouse and Human B Cells

Christina Powers: —Developmental neurotoxicity of silver nanoparticles modeled in PC12 cells

Changxia Shao: —*In vitro* evaluation of leptomycin B cytotoxic effects on lung cancer cells

Postdoctoral poster travel awards:

Zhiying Ji, PhD: RSESS/IS RTP (Regulatory and Safety Evaluation Specialty Section/ International Society of Regulatory Toxicology and Pharmacology)—Numerical chromosome aberrations in the peripheral lymphocytes of workers exposed to low levels of benzene

Aik-Jiang Lau, PhD: —Partial Contribution of Ginkgolide A to Rat and Human Pregnane X Receptor Activation by *Ginkgo biloba* Extract

Zheng-Yu Wang, PhD: —Characterization of an Immortalized Murine Kupffer Cell Line for Use in Toxicological Studies

Raphael Tremblay, PhD: —Determination of Tissue Blood Partition Coefficients for Non-Volatile Herbicides and Fungicides using Negligible Depletion Solid Phase Microextraction (nd-SPME)

2010 SOT Annual Meeting Courses/Sessions: A number of sessions of all types were sponsored, including the workshop: Opportunities to Modify Current Regulatory Testing Guidelines and Advance the Assessment Of Carcinogenicity Risk in the 21st Century

Newsletters: Published and posted on SOT RSESS Website. Issues are Summer 2009 and Spring 2010. 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.

Other SOT Contributions:

Contributed perspective for SOT on the 2008-2009 Annual Report of the President's Cancer Panel —Reducing Environmental Cancer Risk: What We Can Do Now

Meeting Sponsorships:

Sponsored the Alliance for Risk Assessment workshops held to broaden the discussion set forth by the National Academy of Science's (2008) Science and Decisions: Advancing Risk Assessment, the Texas Commission on Environmental Quality (TCEQ)