

NAME OF SPECIALTY SECTION \_\_\_\_Carcinogenesis\_\_\_\_\_

## **ANNUAL REPORT: 2011-2012**

May 1, 2011 to April 30, 2012

### **I. Officers/Committees:**

<u>Officers</u>	<u>2011-2012</u>	<u>2012-2013</u>
President:	David Williams	Helmut Zarbl
Vice President:	Helmut Zarbl	Miriam Poirier
Vice President-Elect:	Miriam Poirier	Elaine Faustman
Secretary/Treasurer:	Ivan Rusyn	John Wise
Past President	Vernon Walker	David Williams
Councilors:	Nancy Doerrer	Yvonne Dragan
	Heather Kleiner	Stephen Safe
PDA Representative:	Zhengyu Yin	Gayarthri Chadalpaka
GSLC Representative:	Jessica Graham	Sara Nowinski

Committees: If applicable.

### **II. Activities:**

**2012 SOT Annual Meeting Reception** was held in San Francisco on Tuesday, March 13, 2012.

The reception was held between the hours of 6:30-7:30 PM at the Marriot Marquis Yerba Buena Salon 6. Approximately 75 people were in attendance.

Dr. David Williams called the meeting to order at 7:00 PM.

Business Meeting Speaker: Ivan Rusyn

### **Other Meetings:**

Carcinogenesis Specialty Section Officer's Breakfast, Monday, 6:30-7:45 AM.

### **Meeting Minutes:**

Discussed budget, awards, web page update, officier duties, newsletter

### **Awards:**

#### **Dharm V. Singh Carcinogenesis Endowment Graduate Student Award:**

**Sara M. Nowinski.** The University of Texas at Austin.

'Mitochondrial uncoupling protein 3 antagonizes epidermal tumor promotion and growth signaling.'  
Plaque and \$800 Award.

### **Graduate Student Poster Awards:**

First Place (\$300) - **Anthony Apostoli**. Queen's University, Kingston, Ontario Canada.  
The role of PPAR $\gamma$  in mammary secretory epithelial cells during DMBA-induced breast tumorigenesis.

Second Place (\$200) - **Nicholas Mastrandrea**. University of Arizona, Tucson, AZ  
Pentoxifylline decreases cyclin D1 through proteosomal degradation and arrests renal cancer cells in the G1 phase.

Third Place (\$100) - **Amanda Smolarek**. Rutgers University. Piscataway, NJ  
Dietary administration of  $\gamma$ - and  $\delta$ -tocopherol inhibits mammary carcinogenesis.

### **Postdoctoral Award:**

**Gayathri Chadalapaka** (Texas A&M University) \$500 Award.  
Colon cancer stem cell markers are modulated by Sp (specificity protein) transcription factors.

### **2012 SOT Annual Meeting Courses/Sessions:**

#### Continuing Education:

Endorsed :

- Stem Cells in Toxicology

#### Symposia:

Sponsored:

- DNA Damage Response and Repair
- Toxicological Considerations of Epigenetic Targets in Product Development
- Breast Cancer as a Multifactorial Disease: Interaction of Genetics, Life Stage and the Environment

#### Workshops:

Sponsored:

- Novel Topics in Environmental Polycyclic Aromatic Hydrocarbon Metabolism Leading to Carcinogenesis

#### Roundtable:

Endorsed:

- Testing of Nanomaterials for Genotoxicity- Necessity or Waste of Time?

**Endowment Fund Details:** The Dharm V. Singh Carcinogenesis Award Permanently Restricted Net Asset Fund. Ending balance for fiscal year 2012, \$30,753 providing \$1,230 that can be expended in the 2012-2013 fiscal year (4%).

**Newsletters:** To be released in Winter of 2012

**Teleseminars:** NA

**White Papers:** NA

**Contributions to SOT website:** NA

**Other Specialty Section 2011-2012 Activities:**

Awards and Recognition of CSS members

- MingZhu Fang was awarded the SOT Colgate Palmolive Grant for Alternative Research
- Bhagavatula Moorthy was awarded the SOTAstraZeneca Traveling Lectureship Award
- Benjamin Moeller was awarded the Syngenta Fellowship Award in Human Health Applications of new technologies
- Xuefeng Ren Was a warded a SOT Best Postdoctoral Publication Award
- Steve Safe and Helmut Zarbl were both awarded a SOT Women Toxicology Mentoring Award at the 2012 Annual meeting.
- Jessica Graham and Amanda Smolarek were awarded 1<sup>st</sup> and 3<sup>rd</sup> Place Student Awards from the Women in Toxicology Special Interest Group.
- A paper entitled “Urinary mycoestrogens, body size and breast development in New Jersey girls. by Bandera EV, Chandran U, Buckley B, Lin Y, Isukapalli S, Marshall I, King M, Zarbl H. (Sci Total Environ 409(24):5221-5227, 2011) was selected as a NIEHS Extramural Paper of the Month.  
(<http://www.niehs.nih.gov/news/newsletter/2011/december/science-extramural/>).

