

## Drug Discovery Toxicology 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:	Cynthia Afshari	Craig Thomas
Vice President-elect:	John Wisler	Yvonne Will
Vice President:	Craig Thomas	John Wisler
Secretary/Treasurer:	Melissa Rhodes	Donna Mendrick
Councilors:	Michael Lawton	Michael Breider
	Dan Kemp	Stefan Ruepp
<i>Past-President</i>	John W. Davis II	Cynthia Afshari
SAC Representative:	Arunkumar Asaithambi	Rachel Tanos
PDA Representative:	Kim Henderson	Li Zhan

#### **II. Activities**

**2011 SOT Annual Meeting Reception** was held March 9, 2011 in Washington DC and was reasonably well attended by the membership. Cindy Afshari, the President and Master of Ceremonies, gave the opening and closing remarks. John Wisler presented ideas for DDTSS-sponsored symposia, workshops and continuing education courses for the upcoming 2012 SOT Annual Meeting. Cindy presented certificates to the outgoing officers and introduced the new committee. In addition, new President Craig Thomas presented awards to the top three DDTSS Emil Pfitzer Student Awards for students and top three for postdoctoral fellows. These awards are funded by the Emil Pfitzer Student Award Fund within the SOT Endowment Fund.

##### Graduate Student winners

###### **First place (\$1000 + subscription from GeneGo/Thomson Reuters)**

Hariharan Swaminathan (Iowa State University). “FYN kinase activation contributes to MPTP-induced dopaminergic neurotoxicity: relevance to the pathogenesis of Parkinson’s disease.”

###### **Second Place (\$600)**

Rachel Tanos (Penn State University). “Regulation of cholesterol biosynthetic gene expression by Ah receptor through a DNA-independent mechanism.”

###### **Third Place (\$300)**

Jeremy Larson (University of Wisconsin-Milwaukee). “Gold nanoparticles and rat ovarian gene expression.”

## Postdoctoral Award winners

### **First place (\$1000 + subscription from GeneGo/Thomson Reuters)**

Jennifer Cohen (Roche, New Jersey). "Involvement of AMPK in Sunitinib mediated cardiotoxicity in human stem cell derived cardiomyocytes."

### **Second Place (\$600)**

Li Zhan (University of Louisville). "Recovery of cytochrome c oxidase activity is required for dietary copper supplementation-induced regression of cardiac hypertrophy in mice."

### **Third Place (\$300)**

Andaleb Kholmukhamedov (Medical University of South Carolina). "Minocycline and doxycycline, but not tetracycline, decrease liver and kidney injury after hemorrhagic shock and resuscitation in mice."

**Emil A. Pfitzer Student Award Endowment Fund Details:** The Emil A. Pfitzer Drug Discovery Student Award Fund proceeds support our Specialty Section by providing student awards to outstanding students that apply modern toxicologic science in the field of drug discovery. The Pfitzer Fund was created by the initial generous contributions from Hoffmann-LaRoche, the Research Institute for Fragrance Materials (RIFM) and the family and friends of Emil Pfitzer. Dr. Pfitzer worked at Hoffman-LaRoche for 22 years serving as Vice President of Toxicology and Pathology where he championed the use of mechanistic toxicology. After retiring from Roche, he served five years as the President of RIFM. Dr. Pfitzer also served as President of the Society of Toxicology in 1985-1986. The balance of the fund as of March 31, 2011 was 72,366\$ (prior to deductions for payouts to 2011 award winners).

**Newsletters:** Both the Summer 2010 and Summer 2011 newsletters were submitted to the DDTSS website.

## **Other Specialty Section 2010-2011 Activities:**

Date	Topic	Location
March 2011	Annual specialty section meeting	SOT Annual Meeting (Washington, DC)
March 2011	Primary sponsor of 3 accepted sessions, endorser of 4 accepted sessions and 1 CE course	SOT Annual Meeting (Washington, DC)
March 2011	Student/Postdoc Poster Awards	SOT Annual Meeting (Washington, DC)

April- May 11, 2011	Review of 2012 Annual meeting submissions	Final review via Teleconference
May-June, 2011	Review and comment on vision papers for The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)	Via Email threads
May, 2010- May-2011 (Quarterly)	Teleconferences – newsletter, scientific sessions, poster competition, and website planning	Teleconference