

NAME OF SPECIALTY SECTION: Drug Discovery Toxicology Specialty Section (DDTSS)

## **ANNUAL REPORT: 2014**

August 1, 2014

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

<u>Officers</u>	<u>2013-2014</u>	<u>2014-2015</u>
President:	Yvonne Will	Andrew J Olaharski
Vice President:	Andrew J Olaharski	Dan Kemp
Vice President-Elect:	Dan Kemp	Ray Kemper
Secretary/Treasurer:	Brandon Jeffy	Brandon Jeffy
Past President	John A Wisler	Yvonne Will
Councilors:	Eric B Harstad	Robert Dunn
	Robert Dunn	Leanne Bedard
PDA Representative:		Sarah Lamore
GSLC Representative:		Muhammet Ay

### **II. Activities:**

**2014 SOT Annual Meeting Reception** was held in Phoenix, Arizona on Wednesday, March 26<sup>th</sup>. Approximately 45 people were in attendance.

#### **Awards:**

Graduate student competition:

1. Kazuhisa Miyakawa from Michigan State University (\$1000); abstract entitled: CONTRIBUTION OF PAR-4 AND THROMBIN TO ACETAMINOPHEN HEPATOTOXICITY IN MICE
2. Roshni Rao from the University of South Carolina (\$400); abstract entitled: TETRAHYDROCANNABINOL PREVENTS MICE FROM STAPHYLOCOCCAL ENTEROTOXIN B-INDUCED TOXIC DEATH BY THE MODULATION OF THE MIR-17-92 CLUSTER AND DE NOVO INDUCTION OF T-REGULATORY CELLS
3. Muhammet Ay from Iowa State University (\$150); abstract entitled: QUERCETIN TREATMENT PROTECTS PROGRESSIVE NIGRAL DOPAMINERGIC NEURONAL DEGENERATION IN CELL CULTURE AND MITOPAK ANIMAL MODELS OF PARKINSON'S DISEASE BY ACTIVATING PKD1 SIGNALING .

Postdoctoral competition:

1. Rachel Goldsmith from The National Institutes of Environmental Health Sciences (\$1000); abstract entitled: ANALYSIS OF HIGH-THROUGHPUT, HIGH-CONTENT DATA IN A *C. ELEGANS* BASED TOXICITY ASSAY
2. Rachel Church from The Hamner Institute (\$400); abstract entitled: DOXORUBICIN-INDUCED GLOMERULAR INJURY IS ASSOCIATED WITH URINARY MICRORNA ALTERATIONS IN THE RAT
3. Hua Shen of the University of California, Berkeley (\$150); FUNCTIONAL GENETIC SCREEN IN HUMAN HAPLOID CELLS TO IDENTIFY GENES INVOLVED IN SUSCEPTIBILITY TO CHEMICAL EXPOSURE

#### 2014 SOT Annual Meeting Courses/Sessions:

Endowment Fund Details: For the nine month period ending on 3/31/2014, The Emil A. Pfitzer Student Award Endowment fund had a total return of \$8757, giving an ending balance of \$84,998.

Newsletters: A summer newsletter was sent out to the DDTSS membership on June 13<sup>th</sup>, 2014.

Webinar: An autumn webinar is tentatively scheduled for September of 2014. The topic will be the impacts of the microbiome on drug discovery toxicology.

Contributions to SOT website: Award listings on the DDTSS website were recently updated to reflect changes to the 2015 poster competitions. First, second and third place prizes at both the graduate student and postdoctoral levels will be presented at the 2015 Annual Meeting, made possible by the Emil Pfitzer endowment fund.