

NAME OF SPECIALTY SECTION \_\_\_\_Stem Cells\_\_\_\_\_

## **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:	Michael Waalkes	Michael Waalkes
Vice President:	Robert Chapin	Kyle Kolaja
Vice President-Elect:	Tom Gasiewicz	Jingbo Pi
Secretary/Treasurer:	Erik Tokar	Erik Tokar
Past President	N/A	N/A
Councilors:	Don Delker	Aaron Bowman
	Rebecca Fry	Lamia Benbrahim-Tallaa
	R Clark Lantz	
PDA Representative:	Amy Skinner	Amy Skinner
GSLC Representative:	Justin Colacino	Justin Colacino

**Committees:** Awards committee, Endowment committee, and Program committees are being established and will be finalized in August/September 2012.

### **II. Activities:**

**2012 SOT Annual Meeting Reception** was held in San Francisco on Wednesday, March 14, from 6:00 to 7:30PM. There were approximately 45-50 people in attendance. Dr. Michael Waalkes (SCSS President) called the meeting to order at 6:00 PM on Wednesday, March 14.

Meeting Minutes: (see Attachment I)

**Awards:** The first annual student and postdoctoral awards for research excellence were presented. The winners were:

#### **Postdoctoral:**

**1st Place** – YuanYuan Xu, National Toxicology Program Laboratory, DNTP, NIEHS

Title: Oncogenic Transformation of Normal Stem Cells by Non-contiguous Arsenic-Transformed Malignant Epithelia Potentially Involves Interleukin-6

Mentor – Michael Waalkes, PhD

**2nd Place** – Fengming Chen, Center for Molecular Toxicology and Carcinogenesis, Penn State University

Title: A Novel Role of the Constitutive Androstane Receptor in Human Hepatic Differentiation

Mentor – Curtis Omiecinski, PhD, ATS

#### **Student:**

**1st Place** – Lijuan Zhan, The Hamner Institutes for Health Sciences

Title: Regulatory Role of NRF2 and KEAP1 in PPAR $\gamma$  Expression and Chemoresistance in Human Non-small-cell Lung Carcinoma Cells”

Mentor – Jingbo Pi, MD, PhD

**2nd Place** – Surendra Singh, Department of Pharmaceutical Sciences, University of Colorado, AMC

Title: The Role of ALDH1B1 in Alcohol Metabolism and Colon Cancer

Mentor – Vasilis Vasiliou, PhD

**2012 SOT Annual Meeting Courses/Sessions:** The SCSS sponsored a Continuing Education Course titled “Stem Cells in Toxicology.” Session was chaired by Drs. Michael Waalkes and Erik Tokar. Speakers were Drs. Ying Xie (University of Cincinnati), Michael Waalkes (NTP, NIEHS), R. Clark Lantz (University of Arizona), and Kyle Kolaja (Hoffman-LaRoche). The CE course was well attended with approximately 200 attendees.

**Endowment Fund Details:** SCSS Endowment Fund will be established this year. The Endowment Fund committee will be in charge of this.

**Newsletters:** The SCSS sent out a newsletter in December 2011 which can be accessed at this link: [http://www.toxicology.org/isot/ss/scss/doc/2010-2011\\_StemCellsSS\\_AnnualReport.pdf](http://www.toxicology.org/isot/ss/scss/doc/2010-2011_StemCellsSS_AnnualReport.pdf). The next newsletter will be sent out in September/October of 2012.

Teleseminars: N/A

White Papers: N/A

Contributions to SOT website: SCSS website was updated with new content.

Other Specialty Section 2011-2012 Activities:

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## **Attachment I**

### **Stem Cells Specialty Section Annual Meeting Minutes**

**March 6, 2011**

Reception and meeting were held at the Marriott Marquis, Yerba Buena Salon 4, San Francisco, CA. Dr. Michael Waalkes (SCSS President) called the meeting to order at 6:00 PM on March 14, 2012. Dr. Waalkes discussed the SCSS activities from the Section's first year. Dr. Waalkes then announced the newly elected officers and thanked the outgoing officers for their hard work in establishing the SCSS. Dr. Waalkes discussed following topics during business meeting:

Newly elected officers were introduced:

- Vice President: Kyle Kolaja
- VP Elect: Jingbo Pi
- Senior Councilor: Aaron Bowman
- Junior Councilor: Lamia Benbrahim-Tallaa

MSS Goals and Plans were discussed.

1. Membership Drive: The importance of continuing to increase the membership was emphasized. SCSS membership increased by 60% from 2011 (47 members in 2011 to 80 members in 2012). Goal: increase membership by  $\geq 25\%$  by 2013. Challenge: every member bring in 1-2 new members by 2013 meeting.
2. Fund Drive: Goal is to establish Endowment Fund for Student/Postdoc Awards. Elsevier sponsored 2012 Student/Postdoc Awards. There were also \$1200 in donations from Chairperson funds from CE course (Stem Cells in Toxicology).
3. Program Drive: Goal is to sponsor and endorse several scientific sessions for 2013. Program committee will be established. SCSS sponsored 1 approved CE Course and Endorsed 1 approved Symposium Session.
4. Committees will be established for each Drive.

MSS program contributions were reviewed by Dr. Waalkes:

- CE Course (Sponsored): Stem Cells in Toxicology (Sunday morning). Chairs: Mike Waalkes and Erik Tokar. Speakers: Ying Xia, Mike Waalkes, R. Clark Lantz, Kyle Kolaja. Course was well-attended with approximately 200 attendees.
- Symposium Session (Endorsed): Off the Beaten Path: Preclinical Approaches to Safety Evaluation of Cells/Gene Therapy, Vaccines, and Adjuvants. Chairs: Drs. Black and Gould.

Programmatic themes and submission guidelines for SOT 2013 were presented by Dr. Waalkes. Tips for successful proposals were discussed. Submissions were solicited via sign-up sheets and/or emails.

The treasurer's report was presented by Dr. Erik Tokar

- SCSS estimated balance as of March 2012 will be \$3,142

SCSS student and post-doctoral awards for research excellence were presented by Dr. Waalkes. The Awards were sponsored by Elsevier:

Graduate student Awards

1st place: Lijuan Zhan, Mentor: Jingbo Pi, PhD

2nd place: Surendra Singh, Mentor: Vasilis Vasiliou, PhD

Post-doctoral Awards

1st place: Yuanyuan Xu, Mentor: Michael Waalkes, PhD

2nd place: Fengming Chen, Mentor: Curtis Omiecinski, PhD, ATS

The meeting was adjourned at approximately 7:30PM.