

Society of Toxicology

Southern California Chapter

July, 2008

2008-2009 Officers

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President's Message

(Submitted by Husam Younis)

The Southern California Chapter of the Society of Toxicology (SCCSOT) has had another great year. SCCSOT is the only dues free regional chapter and has successfully maintained this status since 2000. The chapter represents a diverse membership from academia, biotechnology, the pharmaceutical industry, and regulatory bodies, among others, to promote and support the discipline of toxicology in Southern California.

I would like to welcome three new members to the SCCSOT council. Robert Dunn will serve as Vice-President Elect and Jacob Jabbour and Andrew Seacat have joined the chapter as councilors. I appreciate their commitment to the chapter and look forward to their participation. Thanks Robert, Jacob and Andrew for joining our council. I also want to thank the rest of the council members for all their efforts in supporting the chapter's goals and mission over the year(s). Special thanks are extended to our fearless Past-President, Hisham Hamadeh, for his unrelenting engagement and dedication to the chapter. He has significantly contributed to the chapter's success.

2007 Annual SCCSOT Meeting

The 2007 SCCSOT Annual Meeting was held October 26th, 2007, at Amgen Inc., in Thousand Oaks, CA. The meeting's theme was *Contribution of Physiological Differences to Different Toxicity Outcomes Across Species*. Despite the wild fires that plagued our region and limited participation of San Diego members, more than 80 participants attended. This is a testament to the quality of the scientific meeting.

Awards were presented for outstanding student poster presentations at the meeting. There were 10 student posters with participants representing UCLA, UC Irvine, and UC Riverside.

First Place (\$500): Sudheer Beedanagari. Characterization of TCDD-Induced Histone Modifications to Study the Differential Regulation of the Human *CYP1A1* and *CYP1B1* Genes. Sudheer Beedanagari, Robert Taylor and Oliver Hankinson. Molecular Toxicology Program, University of California, Los Angeles

Second Place (\$250): Yvonne Hoang. Follicle-Stimulating Hormone Increases Glutathione Synthesis in Primary Rat Granulosa Cells: Involvement of cAMP/PKA Pathway. Yvonne Hoang and Ulrike Luderer. Depts. of Medicine and Developmental and Cell Biology, University of California,

Third Place (\$100): Ilona Bebenek. Exploring the Link between HIF-1 and Radioprotection. IG Bebenek, WH McBride and O. Hankinson. Molecular Toxicology Program, University of California, Los

2008 Annual SOT Meeting Highlights

A joint reception between SCCSOT and the Mountain West Chapter was held on March 16, 2008 during the Annual SOT meeting in Seattle, WA. It was held at a cozy venue. The reception was well attended and members of both chapters in attendance had a great opportunity to get to know each other. We look forward to future joint functions with other regional chapters.

2008 Greater San Diego Science and Engineering Fair

SCCSOT coordinated judging by local toxicologists at this annual event on April 2, 2008, as part of the K-12 SOT Outreach Program. A special thanks to Diana Johnson (K-12 Liason), Brad Hirakawa, and Husam Younis for serving as judges at this event. We were all impressed with the quality of the science by these local high school students. SCCSOT awarded a \$100 prize to Alex Santillan (Effect of Caffeine on the Fertilization Rate of *Strongylocentrotus purpuratus*) and Mirriam Bateria (Effect of Copper Contamination on *Eisenia fetida* Redworms).

Upcoming Events

2008 Annual SCCSOT Meeting

The SCCSOT is organizing a very exciting annual meeting for the fall on October 2, 2008, at the UCSD Faculty Club in San Diego, CA. The title of the meeting is *Cardiotoxicity: A Mounting Concern for Novel Therapeutics*:

A Mounting Concern for Novel Therapeutics. Please see the attached meeting agenda and call for abstracts. In addition to the poster presentations, we will also include student/Post-Doc oral presentations at the 2008 annual meeting. I look forward to seeing you there.

SCCSOT Annual Meeting

Cardiotoxicity: A Mounting Concern for Novel Therapeutics

October 2, 2008
UCSD Faculty Club
9300 Gilman Drive MC0121
San Diego, CA 92903

Time	Activity	Speaker
8-9	Registration/Breakfast	
9-9:15	Introduction & Welcome	Husam Younis, President SCCSOT
9:15-11:45	Session 1: Cardiotoxicity of Novel Therapeutics	
9:15-10:15	Translational Ideas to Curb Side Effects in Anticancer Kinase-Targeting Therapy: Reducing Cardiotoxicity Through Inhibitor Redesign	Ariel Fernandez, Rice University
10:15-11	Cardiotoxicity Associated With Tyrosine Kinase Inhibitors	Bart Jessen, Pfizer Inc.
11-11:45	Pre-clinical and Clinical Cardiovascular Effects of the CEPT-inhibitor Torcetrapib	Eileen Blasi, Pfizer Inc.
12-1:30	Lunch	
1:30-3:45	Session 2: Safety Testing for Cardiotoxicity	
1:30-2:15	QT Prolongation: A Look Beyond the hERG Channel.	Aida Sacaan, Neurocrine Inc.
2:15-3	Transcriptomics to Aid Evaluation and Prediction of Compound-Induced Cardiotoxicity	Greg Falls, GSK
3-3:45	TBD	Hugo Vargas, Amgen Inc.
3:45-4	Break	
4-4:45	Session 3: Student/Post Doc presentation	
4-4:15	Student/Post Doc presentation	TBD
4:15-4:30	Student/Post Doc presentation	TBD
4:30-4:45	Student/Post Doc presentation	TBD
4:45-6:30	Reception/poster session	
6:30	Student/Post Doc presentation and poster award announcements	Hisham Hamadeh, SCCSOT Past-