Society of Toxicology

Carcinogenesis Specialty Section

Spring 2015 Newsletter

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Dear CSS Members:

Hello! Greetings from the Carcinogenesis Specialty Section! As we head to the SOT annual meeting it is my pleasure to share with you many of the opportunities for our members.

For example we are sponsoring or endorsing 4 activities at the annual meeting (listed below) and I hope to see many of you there.

In addition we are very pleased to introduce our student award winners. We have posted both their pictures and times for their presentations below to encourage you to meet them and congratulate them personally. Great research by all who submitted! Special thanks to those who reviewed their materials!

We have just formed an ad hoc program committee to help with submission of new proposals for Carcinogenesis at the 55th Annual Meeting March 13–17, 2016 at the Ernest N. Morial Convention Center in New Orleans, Louisiana. Special thanks in advance to Udayan Apte (Associate Professor at the Department of Pharmacology, Toxicology and Therapeutics at the University of Kansas Medical Center), Wei Xu (Professor of Oncology at the University of Wisconsin-Madison) and Bhaskar Gollapudi (Senior Managing Scientist at Exponent) who have agreed to be on this committee. Jim Klaunig (our incoming president) and I have discussed that frequently the last minute push to propose new sessions is frustrating and does not always build on the best science nor our experiences in how to develop proposals that program committee can accept. We ask members who have suggestions to drop us a line to let us know you are thinking of developing a session as we would like to help in any way possible to ensure success. We will also talk about ideas at the annual meeting in San Diego.

Our reception will be Monday, March 23 from 6:00 PM to 7:30 PM in the Convention Center Room 31C. As is tradition we will ask the students to post their posters and will have a business meeting with plenty of time for networking. In fact we will have one table designated as a “mentor” table for CSS members who would like to meet and specifically interact with our junior members. We invite you to stop by to say hello to our new members and share a lesson learned or job or professional idea.

Please see many new activities at SOT this year including the “Meet the Leaders” each day from 3:00 pm–4:00 pm and learn more about the component groups within the Society of Toxicology. The newsletter lists many of these opportunities. In addition we just had to brag for Robert Schiestl’s as he has been selected the 2015 Professional of the Year by the American Registry for Outstanding Professionals (see more on page 9). It is not every day that a member of the CSS council gets their picture on Times Square!!! Robert way to go!!

See you in San Diego!!

Elaine Faustman, President Carcinogenesis Specialty Section
Current CSS Officers and Representatives

President: Elaine Faustman (faustman@uw.edu)

Vice President: James E. Klaunig (jklauni@indiana.edu)

Vice President-Elect: Robert Schiestl (rschiestl@mednet.ucla.edu)

Past President: Miriam C. Poirier (poirierm@dc37a.nci.nih.gov)

Secretary/Treasurer: Joseph R. Landolph, Jr (landolph@usc.edu)

Councilor: M. Margaret Pratt (pratt.margaret@epa.gov)

Councilor: Sandra Wise (sandra.wise@maine.edu)

Student Representative: Christal Lewis (christallewis1984@gmail.com)

Postdoc Representative: Tetyana Kobets (tetyana.kobets@gmail.com)
Election of New Officers!

We are delighted to announce the results of our recent elections. In May of 2015 there will be a turnover of Officers, as follows:

**Vice President-Elect** - John DiGiovanni, Ph.D. (The University of Texas at Austin)

**Councilor**: Leslie Recio, MS, PhD, DABT (Integrated Laboratory Systems, Inc.)

The President and Vice President will each move up to the next highest position (Past President and President, respectively), and the Graduate Student and Postdoctoral Representative positions will be taken by our Dharm Singh and Postdoctoral awardees, Elizabeth Dawn Lightbody (Queen’s University) and Jamie Bernard (Rutgers University), respectively.

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Student and Postdoctoral Awards to be presented at the Carcinogenesis Specialty Section Meeting/Reception

*San Diego Convention Center Room 31C from 6:00 PM to 7:30 PM on March 23rd*

**Dharm V. Singh Carcinogenesis Endowment Graduate Student Award - $500**: Elizabeth Dawn Lightbody (Queen’s University)

March 25th 9:00 AM to 12:30 PM, CC Exhibit Hall

Poster Session: Animal Models of Disease
Poster Board Number 314
Abstract #1835: PPARγ Stops Her2+ Breast Tumor Metastasis.
CSS Graduate Student Awards:

First Place - $300: Cynthia L. Browning (University of Maine)
March 23rd 9:30 AM to 12:30 PM, CC Exhibit Hall
Poster Session: Metals
Poster Board Number 540
Abstract #321: The Inhibition of DNA Repair Protein, RAD51, by Prolonged Exposure to Particulate Chromate.

Second Place $200: Neel Fofaria (Texas Tech University Health Sciences Center)
March 24th 9:00 AM to 12:30 PM, CC Exhibit Hall
Poster Session: Carcinogenesis I
Poster Board Number 243
Abstract #988: Gli2-Mediated Induction of c-Myc Induces Melanoma Tumor Growth.

Third Place $100: Alok Ranjan (Texas Tech University Health Science Center)
March 25th 1:00 PM to 4:30 PM, CC Exhibit Hall
Poster Session: Carcinogenesis II
Poster Board Number 129
Abstract #2053: Penfluridol, an Antipsychotic Drug: A Treatment Option for Pancreatic Cancer.

CSS Postdoctoral Award: $500 - Jamie Bernard (Rutgers University)
March 25th 1:00 PM to 4:30 PM, CC Exhibit Hall
Poster Session: Carcinogenesis II
Poster Board Number 118
Abstract #2042: Parametrial Fat Tissue from High-Fat Diet-Treated SKH-1 Mice Stimulates Transformation of Mouse Epidermal JB6 Cells
Student/Postdoc Corner

Career Development

Job Bank: SOT provides an online job bank that allows potential job candidates easy access to available job openings. Further, many employers post job openings at the Career Resource and Development booth at the Annual Meeting. The Job Bank can be found at https://www.toxicology.org/ai/newcrad

Mentor Match: SOT has a Mentor Match program designed to “provide a service that matches mentees with potential mentors from the SOT membership to provide advice on career path selection and success and life/work balance issues”. This service can be found at http://www.toxicology.org/ai/newcrad/mentormatch.asp

Special Events for Students at the 2015 Annual Meeting:

Sunday March 22nd 7:30 PM to 9:00 PM Convention Center Ballroom 20D
The Graduate Student Leadership Committee (GSLC) hosts this networking event, and tickets are free – just register on the Annual Meeting Registration Form.

Monday, March 23, 6:15 AM–7:45 AM: SOT Mentoring Breakfast
Room 5B The Mentoring Breakfast is for SOT members at any career stage—from graduate students and postdoctoral fellows to senior scientists—who are seeking a mentor. A brief presentation will be followed by small group discussions led by trained facilitators.

Tuesday, March 24, 12:00 Noon–1:15 PM: Postdoctoral Assembly Luncheon, Ballroom 5
Amidst the hubbub of Annual Meeting events, the Postdoctoral Assembly (PDA) Luncheon is time for postdocs to relax, celebrate achievements, and have fun! All postdoctoral scholars are invited to a casual luncheon organized by the PDA. Three postdoctoral scholars will be given the Best Postdoctoral Publication Award and postdoc award recipients from SOT Regional Chapters, Special Interest Groups, and Specialty Sections will also be recognized. The current PDA Board will review the year’s accomplishments and the new officers will share their vision for the future. Door prizes are always a highlight of the event. Postdoctoral scholars reserve a ticket for $10 when they register for the Annual Meeting. Guests who arrive by 12:30 pm will be served lunch.

Tuesday, March 24, 7:30 PM–9:00 PM: Tox ShowDown, Marriott Marquis Marina Ballroom D (All Attendees Welcome)

Chairperson(s): Sue M. Ford, St. John’s University, Jamaica, NY; and Phil Wexler, NIH-NLM, Bethesda, MD. Hosted by: Graduate Student Leadership Committee
The Tox ShowDown, hosted by GSLC, is held on Tuesday evening during the Annual Meeting, is an engaging quiz game patterned off the popular long-running show, “It’s Academic”. Three teams (The Endocrine Disruptors; the Free Radicals; the Toxic Metabolites) of contestants compete at answering questions concerning toxicology not only in its scientific context, but as it relates to society, history, the arts, and culture. The Tox ShowDown creates a truly festive atmosphere allowing the audience to participate with the teams. Door prizes are raffled off and the winning team receives prizes that range from restaurant gift cards to toxicology books. If you are interested in becoming a contestant on one of the teams, email the GSLC Secretary or SOT Headquarters today!

**Carcinogenesis Specialty Section Events at 2015 Annual Meeting:**

This year the Carcinogenesis Specialty section was successful in presenting and endorsing four sessions at the 2015 SOT meeting in San Diego. These include a continuing education session, a workshop, roundtable and symposium as noted below.

**Sunday Morning, March 22nd**

**7:00 AM to 7:45 AM, CC Ballroom 6B**
Continuing Education: New Horizons in Chemical Carcinogenesis: Advances in Mode of Action and Mechanism of Cancer Pathogenesis

**SR01 CE Basic**

*Chairperson(s):* James E. Klaunig, Indiana University, Bloomington, IN; and Udayan M. Apte, University of Kansas Medical Center, Kansas City, KS.

*Endorser(s):* Carcinogenesis Specialty Section,

**Wednesday Afternoon, March 25th**

**1:30 PM to 4:15 PM, CC Room 1**
Workshop Session: The Carcinogenicity of Outdoor Air Pollution: A Review of the IARC Evaluation of Outdoor Air Pollution and Particulate Matter in Polluted Air As Group 1 (Known) Human Lung Carcinogens and Possible Bladder Carcinogens

*Strategies for Exposure and Risk Assessments*

*Chairperson(s):* George M. Woodall, NCEA, US EPA, Research Triangle Park, NC; and Paul White, University of Ottawa, Ottawa, ON, Canada.

*Endorser(s):* Carcinogenesis Specialty Section, Mixtures Specialty Section, Risk Assessment Specialty Section

**4:30 PM to 5:50 PM, CC Ballroom 6E**
Roundtable Session: The Future of Carcinogenicity Testing

*Safety Assessment Approaches for Product Development*

*Chairperson(s):* Yvonne Dragan, DuPont, Newark, DE; and James E. Klaunig, Indiana University, Ellettsville, IN.

*Endorser(s):* Carcinogenesis Specialty Section, Regulatory and Safety Evaluation Specialty Section
Thursday Morning, March 26th
9:00 AM to 11:45 AM, CC Room 1
Symposium Session: Chromatin Structure, Genomics, and Transcriptional Responses to Environmental Insults
**Epigenomic Influences in Toxicological Responses**

*Chairperson(s):* Ivan Rusyn, Integrative Biosciences, Texas A&M University, College Station, TX; and Igor Pogribny, National Center for Toxicological Research, Jefferson, AR.

*Endorser(s):* Carcinogenesis Specialty Section, Mechanisms Specialty Section, Molecular and Systems Biology Specialty Section
Additional News

**Contemporary Concepts in Toxicology (CCT):**


**UCLA Cancer Researcher Receives Professional of the Year Honor**

Carcinogenesis Specialty Section member and Vice President-elect Robert H. Schiestl, Ph.D. has been selected the 2015 Professional of the Year in Higher Education-Pathology and Cancer Research by the American Registry for Outstanding Professionals, awarded in recognition of individuals who have reached the highest standards in their chosen field. Schiestl was chosen out of a group of 1,200 highly accomplished candidates, all of whom were vying for the highly prestigious title. The American Registry of Outstanding Professionals bestows the high honor on an individual based on their body of work and leadership achievements in their field of study.

Photo of Schiestl with the UCLA logo is on display in New York's Times Square