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Letter from the President

Dear CSS Members,

I hope that you and your family members have been safe and healthy during this pandemic. If you are like me, you are probably asking the question “Is Covid over yet?” It is encouraging that we are seeing a decrease in Covid cases and a slow but conscientious progression back to normality. I am hopeful that this trend will continue.

One good sign of return to normality is the upcoming live SOT Meeting to be held in San Diego from March 27-31! This will be the first in-person meeting since the 2019 meeting in Baltimore. The SOT Council has worked hard to put together a meeting that meets local and national health guidelines including proof of vaccination. SOT Council has also offered online access to sessions for those registered who cannot attend in person. Whether you attend in person or not, the meeting will once again have numerous stimulating and cutting-edge presentations that highlight advances in toxicology research. The Newsletter highlights the 3 sessions that CSS endorsed. We hope that you will find these of interest. We also hope that you will consider CSS endorsement when putting together a session proposal for the SOT 2023 Annual Meeting to be held next year in Nashville, TN, March 19-23.

Despite the continuation of Covid restrictions, the Carcinogenesis Specialty Section (CSS) has had by many measures a very successful year. In particular, the newsletter highlights our very successful webinar series which has focused on the future of carcinogenicity testing. Our speakers have provided compelling ideas and strategies for helping the field move away from traditional cancer 2-year bioassays to shorter-term animal studies and in vitro and computational approaches.

Finally, I am excited to announce that CSS is working with national and international leaders in the field of chemical carcinogenesis to organize the FutureTox VII meeting on integrating new approach methodologies into toxicity testing to modernize carcinogenicity risk management. The meeting is to be held in 2024.

Stay safe. I look forward to seeing you soon.

Sincerely,

Chris

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CARCINOGENESIS
Specialty Section  |  Society of Toxicology  |  Founded 1986
CSS Leadership Welcomes Our New Members!

Aikaterini Stavrou  New York University  Lei Zhang  Texas A&M University
Alexandra Nail  University of Louisville  Madison Tanner  University of Texas Medical Branch
Amanda Armijo  MIT  Mariam Habil  University of Louisville
Bola Taiwo  Baxter Healthcare  Michael Fasullo  SUNY Polytechnic Institute
Deborah Remeikas  ToxServices LLC  Mitzi Nagarkatti  University of South Carolina School of Medicine
Deniz Emul  ResMed  Nelhs Betancourt  OccMed Inc WorkTox
James Wise  University of Louisville  Prakash Nagarkatti  University of South Carolina
Jamie Young  University of Louisville  Raya Boyd  University of Illinois Urbana-Champaign
Jonathan Urban  ToxStrategies Inc  Shan Liu  New York University
Kelly Magurany  NSF International  Shreyas Gaikwad  Texas Tech University Health Science Center
Kumaravel Mohankumar  Texas A&M University  Warren Casey  NIEHS

CSS Webinars

Webinar Series – Integrating Computational Tools into Carcinogenicity Assessments

The Carcinogenesis Specialty Section and the Computational Toxicology Specialty Section co-hosted a series of webinars entitled ‘Integrating Computational Tools into Carcinogenicity Assessments’. The webinars explored computational tools and predictive models for assessing carcinogenicity. They also addressed opportunities to improve current methods and increase their implementation in safety evaluations for drugs and potentially hazardous chemicals. The four talks included:

1) ‘In Silico Methods for the Prediction of Carcinogenicity’ - Held on December 14, 2021
   • Presented by Dr. Mark Cronin, PhD
2) ‘The EURL ECVAM Curated Database of Genotoxicity & Carcinogenicity Results: Opportunities for Application in Regulatory Science’ - Held on December 14, 2021
   • Presented by Dr. Federica Madia, PhD
3) ‘The Use of VEGA and JANUS Software to Evaluate Carcinogenicity of Botanicals’ – Held on February 15, 2022
   • Presented by Dr. Emilio Benfenati, PhD
4) ‘In Silico Approaches in Carcinogenicity Hazard Assessment: Current Status and Future Needs’ – Held on February 15, 2022
   • Presented by Dr. Raymond Tice, PhD

The recordings are available on the CSS website for free on-demand viewing HERE.

Join us for our next webinar on PFAS and Cancer to be scheduled in late Spring 2022.
2022 Carcinogenesis Specialty Section Reception

Wednesday, March 30th, 6:00 – 7:30PM PT

At the Marriott Marquis San Diego Marina, join us for the:

- CSS awards ceremony
- Announcement of newly elected officers
- Incoming President’s prospective
- Hors d’oeuvres, refreshments, and networking opportunities

CSS Endorsed Events at the 2022 Annual Meeting

Evidence Map, Scoping Review, Rapid Systematic Review, and Systematic Review—And How to Conduct Them

**AM03 Continuing Education Session**
8:15am – 12:00pm, Sun, Mar 27 (PT)
Chair: Amy Wang, NIEHS/NTP and Co-Chair: Xabier Arzuga, US EPA
Primary Endorser: Comparative Toxicology, Pathology, and Veterinary Specialty Section
**Endorser(s): Carcinogenesis Specialty Section**
Endorser(s): Risk Assessment Specialty Section

Mode of Action, Adverse Outcome Pathways, and Key Characteristics (KCs):
Proposed Steps Forward and Mid-Course Corrections

**Workshop Session (CC Ballroom 6D)**
8:00am – 10:45am, Mon, Mar 29 (PT)
Chair: Daniele Wikoff, ToxStrategies and Co-Chair: Bette Meek, University of Ottawa
Primary Endorser: Risk Assessment Specialty Section
**Endorser(s): Carcinogenesis Specialty Section**
Endorser(s): Regulatory and Safety Evaluation Specialty Section

How Can We Break Down the Silos of Epidemiology, Biological Mode of Action (MOA), and Statistical Modeling in Cancer Risk Assessment?

**Workshop Session (CC Room 1)**
8:00am – 10:45am, Wed, Mar 30 (PT)
Chair: Abby Li, Exponent Health Science and
Co-Chair: Sabine Lange, Texas Commission on Environmental Quality
Primary Endorser: Regulatory and Safety Evaluation Specialty Section
**Endorser(s): Carcinogenesis Specialty Section**
Endorser(s): Regulatory and Safety Evaluation Specialty Section
Call for Proposals for the 62nd Annual SOT Meeting

Consider CSS endorsement when submitting session proposals for the 2023 SOT Annual Meeting in Nashville, Tennessee. The CSS proposal review committee is happy to provide feedback if submitted for pre-review prior to the May 2022 deadline.

DID YOU KNOW?

Your contributions to the CSS Endowment Funds help recognize outstanding achievements of early-career CSS members!

- Dharm Singh Carcinogenesis Award Fund for Graduate Students
- Environmental Carcinogenesis Merit Award for Graduate Students and Postdocs
- James A. Swenberg Carcinogenesis Merit Award Fund for Junior Faculty Members

THANK YOU!

For your generous contributions in 2021 to the CSS Endowment Funds!

Arvind K. N. Nandedkar
Lois Lehman-McKeeman
Papers:


Papers (continued):


Celebrating Recent Accomplishments of CSS Members

Papers (continued):


Textbooks Edited:


Presentations:


Robarts, Dakota R., Apte U. Transcriptomic comparative analysis of livers from mice exposed to legacy and alternative per- and poly-fluorinated substances. Central States Society of Toxicology Regional Meeting, October 21-October 22, United States.


Government Reports:


Awards:

McLellan, Roger: received Society for Risk Analysis 2021 Distinguished Achievement Award for lifetime contributions to advancing toxicology and risk analysis resulting in global impact on human health with leadership for research programs at the Haford Atomic Products Operation in Richland, WA, the Lovelace Inhalation Toxicology Research Institute in Albuquerque, NM, the Chemical Industry Institute of Toxicology in Research Triangle Park, NC. and as an Independent Advisor. His many leadership roles and honors include election to the National Academy of Medicine. He accepted the SRA Award in a virtual ceremony-- https://vimeo.com/geomatrixproductions/review/64637618/9e1a6eda02.

Be on the lookout for the next Member Accomplishments survey link to share your good news with CSS!
HELP US RECRUIT EMERGING TOXICOLOGISTS!

SOT ToxScholar program supports presentations to increase awareness of toxicology as a science and as a career field.

At institutions that are
• Primarily undergraduate
• With a high proportion of undergraduates from underrepresented groups
• In countries listed by the World Bank as low or middle income.

We need YOU to be a ToxScholar. Apply for funding.

Faculty United for Toxicology Undergraduate
Recruitment and Education (FUTURE) Committee

APPLY HERE: https://www.toxicology.org.awards/gf/toxscholar.asp

Doctoral Student Training Funds

The SOT Supplemental Training for Education Program (STEP) enables outstanding doctoral students to pursue toxicology training in identified areas of professional/scientific development that are outside the immediate scope of their graduate training and research program.

Awards of up to $1,000 each
Application Deadlines: May and October

Graduate Intern Fellowship in Toxicology (GIFT)

The Graduate Intern Fellowship in Toxicology (GIFT) enables graduate students to engage in internships within industry, government, and nonprofit organizations to advance their professional and scientific development.

Awards of up to $3,000 each
Pre-application Submission: December
Full Application Submission: February
We want to hear from YOU!
Help shape the future of CSS member communications

Please take a moment to provide your feedback on your preferences for the type, mode, and frequency of CSS member communications.

Responses requested by April 30 at the link [here](#).

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Welcome, 2022-2023 New CSS Officers!

- **Vice President Elect**
  - John Wise, Sr.

- **Secretaty/Treasurer**
  - Jonathan Urban

- **Junior Councilor**
  - Kelly Magurany

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Thank you, 2021-2022 Outgoing CSS Officers!

- **Past-President**
  - Zemin Wang

- **Secretary/Treasurer**
  - Gina Hilton

- **Senior Councilor**
  - Jamie Bernard