



CARCINOGENESIS

SPECIALTY SECTION

Spring 2026 Newsletter

OFFICERS 2025-2026

William Bisson
President

Justin Colacino
Vice President

Xiang Xue
Vice President-Elect

Xilin Li
Secretary/Treasurer

John Pierce Wise, Sr
Past President, Councilor

Zhishan Wang
Councilor

Amber Goetz
Councilor

Idoia Meaza Isusi
Postdoctoral Representative

Charlotte McVeigh
Graduate Student

Greetings from the SOT Carcinogenesis Specialty Section!

Letter from the President

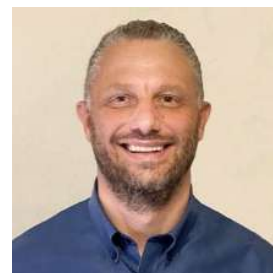
Dear CSS Members,

We are approaching the **2026 SOT Annual Meeting** taking place in beautiful San Diego, California. In this Spring newsletter, you will find all the details about the major events involving our Specialty Section.

First and foremost, I am pleased to announce that in the final program there will be two poster sessions, and five great and diverse CSS-endorsed sessions: **one continuing education, one roundtable, one symposium, and two workshop sessions**. Please do come, learn, listen, and support your fellow members!

I would like to thank everyone who submitted proposals (selected or not) for carcinogenesis related topics. At the end of March, we will notify members when to submit new proposals to receive CSS endorsement with the goal of entering the final program of the 2027 SOT Annual Meeting in San Antonio, Texas.

Now, back to the 2026 SOT Annual Meeting. On Monday night, our Section is going to be part of the SOT Career Advancement, Mentoring, and Networking (**CAMAN**) Committee networking event. Joining me at the table are five CSS members representing five different sectors of toxicology



and carcinogenesis: Drs. Justin Colacino (academia), Stephen Ferguson (gov), Amber Goetz (industry), Gina Hilton (NGO), and Jon Urban (consulting). Please come in and prepare all your questions for the experts. This is a unique in-person opportunity!

On Tuesday night, we will have our CSS Reception. Food and drinks will be available, and the five CSS Awards will be given to this year's winners. Please come to congratulate all the winners. This year, we received over three times the number of applications compared to last year. Let's keep up with this positive trend and thank you to all the nominees!

During our reception, we will also congratulate the past officers for their service and announce the new officers joining the CSS leadership as the VP-Elect, Councilor, Secretary-Treasurer and Postdoctoral Representative. We had great candidates running for each of the four open positions, so thank you all!

Quick update on the front of SOT webinars: Our joint CSS-Women in Toxicology webinar this past October surpassed 500 online registrants. This is a testament to the relevance and visibility of these virtual events, so we encourage everyone to put together webinar proposals and send them to us for endorsement. We particularly encourage all our Postdoc members to plan and submit.

Finally, on the New Memberships Campaign, we are growing and new members from the US and abroad have joined the SOT and our Specialty Section. Welcome on board! Keep in mind that we always look forward to hearing from you using our most updated contact information.

See you soon in San Diego to celebrate science and toxicology!

Sincerely,

William Bisson, PhD



Please join us!

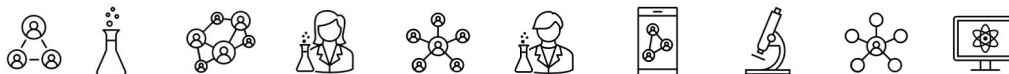
Student/Postdoctoral Scholar Mixer is to be held at:

Convention Center, Ballroom 20D

This is an opportunity for all students and postdoctoral scholars to network with new colleagues and reconnect in an informal setting at the beginning of the meeting. Learn about SOT involvement and attend the GSLC Outstanding Graduate Student Leadership Award presentation! The cost is free but required sign-up during the Annual Meeting Registration. A meeting badge is required to attend.

Sunday, March 22nd

7:30 PM – 9:00 PM (Pacific)



NetworX Night (CAMAN Networking Event)
is to be held at:

Marriott Marquis Marina
Marriott Grand Ballroom 4

Monday, March 23rd
7:30 PM – 9:00 PM (Pacific)

The SOT Career Advancement, Mentoring, and Networking Committee (CAMAN) has collaborated with many SOT Component Groups to host a joint networking event. This speed-networking opportunity will provide groups of diverse professionals in toxicology from Academia, Government, Non-Government Organizations, and Industry to share their experience with participants seeking to learn more about the various career paths and career-change opportunities.



The Carcinogenesis Specialty Section Meeting/Reception
is to be held at:

Marriott Marquis Marina
Marriott Grand Ballroom 3

Tuesday, March 24th
6:00 PM – 7:30 PM (Pacific)

Join the CSS for our Business Meeting and Reception. The event will include:

- A report of Section activities over the past year
- Award announcements
- Introductions of the 2026-2027 officers, and
- Ample networking opportunities to connect with colleagues.

This event is open to all in-person Annual Meeting attendees interested in joining the Section, regardless of current membership status with the group.



SOT 2026 CSS Sponsored Events:

Sunday, March 22, 1:15 PM to 5:00 PM, Ballroom 6E, Convention Center

CE Continuing Education Course: Rethinking Carcinogenicity Assays in the 21st Century: Testing a Functionality Framework

Chairs: Brandy Riffle, BASF Agricultural Solutions US LLC, and Amber Goetz, Syngenta Crop Protection LLC

Primary Endorser: Carcinogenesis Specialty Section

Other Endorsers: Regulatory and Safety Evaluation Specialty Section; Women in Toxicology Special Interest Group

Monday, March 23rd, 9:15 AM to 12:00 PM, Room 7B, Convention Center

WS Workshop Session: Cancer Risk from Womb to Progency Generations: Windows of Susceptibility and the Multigenerational Legacy of Environemtnal Exposures

Chairs: Xin Hu, Emory Univeristy, and Suzanne Fenton, North Carolina State University

Primary Endorser: Reproductive and Developmental Toxicology Specialty Section

Other Endorsers: Carcinogenesis Specialty Section; Women in Toxicology Special Interest Group

Monday, March 23rd, 12:10 PM to 1:40 PM, Ballroom 6C, Convention Center

R Roundtable Session: Integration of Kinetics and Mechanisms of Safety assessment

Chairs: Jorrell Fredericks, Gowan, and Christopher Borgert, Applied Pharmacology and Toxicology Inc.

Primary Endorser: Ethical, Legal, Forensics, and Societal Issues Specialty Section

Other Endorsers: Carcinogenesis Specialty Section

Monday, March 23rd, 2:00 PM to 4:45 PM, Ballroom 6F, Convention Center

SS Symposium Session: Extracellular Vesicles as Mediators of Environmental Stress in Carcinogenesis and Other Human Diseases

Chairs: William Bisson, Integrative Toxicology and Cancer Prevention, and Fei Chen, Stony Brook Cancer Center

Primary Endorser: Carcinogenesis Specialty Section

Other Endorsers: Clinical and Translational Toxicology Specialty Section

Tuesday, March 24th, 8:00 AM to 10:45 AM, Ballroom 6F, Convention Center

WS Workshop Session: Assessment of Oncogenicity Risk Associated with Cell Therapies: From Preclinical Studies to the Clinic

Chairs: Jonathan Clingan, Sonoma Biotherapeutics, and Shon Green, Independent

Primary Endorser: Biotechnology Specialty Section

Other Endorsers: Carcinogenesis Specialty Section, Stem Cells Specialty Section

Tuesday, March 24th, 1:45 PM to 4:15 PM, Exhibit Hall B, Convention Center

PS Poster Session: Carcinogenesis I

Chair: Rahul Kumar, North Carolina State University

Wednesday, March 25th, 1:45 PM to 4:15 PM, Exhibit Hall B, Convention Center

PS Poster Session: Carcinogenesis II

Chair: Cassandra Winz, Rutgers, The State University of New Jersey

Celebrating Member Accomplishments

Congratulations on your well-deserved success! It's inspiring to see your dedication and hard work recognized. Your contributions are invaluable to the team.

Awards

Xiang Xue. John F. Perkins, Jr. Research Career Enhancement Award, American Physiological Society

Xiang Xue. Regents' Lectureship Award, UNM School of Medicine

Publications

Bisson WH, Currie RA, Lim EL, Mlynarczyk C, **Tokar EJ, Colacci A, Colacino JA.** Rethinking the microenvironment's role in chemical-induced malignancy. *Toxicol Sci.* 2026 Feb 18;209(2),kfaf174. doi: 10.1093/toxsci/kfaf174.

Buscher K, Temprine K, Mays C, Aabed N, Kerk SA, Bell HN, Nieto Carrion JA, S Greenbaum H, Lee ZH, Ponnusamy V, Ramakrishnan SK, Lyssiotis CA, **Xue X**, Shah YM. Glucose metabolism sustains aberrant STAT3 signaling in colorectal cancer through glycosylated local signaling factors. *Sci Signal.* 2026 Mar 3;19(927):eadz6443. <https://doi.org/10.1126/scisignal.adz6443>. Epub 2026 Mar 3. PMID: 41774818

Evans K, Boitnotte S, Lynch A, **Zeiger E**, Cheung J. A comparative analysis of select CYP450 isozymes in uninduced and PB/BNF-induced hamster and rat liver S9. *Mutat. Res.* (2025) 902: DOI:[10.1016/j.mrgentox.2025.503855](https://doi.org/10.1016/j.mrgentox.2025.503855)

Witt KL, van Benthem J, Kobets T, Chen G, Kelber O, Krzykwa J, MacGregor JT, Mei N, Mitchell CA, Rietjens I, Smith-Roe SL, Stopper H, Thakkar Y, **Zeiger E**, Pfuhler S. A proposed screening strategy for evaluating the genotoxicity potential of botanicals and botanical extracts. *Fd Chem Toxicol* (2025) 197: <https://doi.org/10.1016/j.fct.2025.115277>

Presentations

Evans Boateng-Boakye. Novel Dimethylated Lesions as substrates, and Comprehensive Kinetic Studies of the Fe(II)/ α -ketoglutarate-dependent dioxygenase, AlkB: Implications for Genotoxic Stress and Carcinogenesis. Northeast Regional Chapter of the Society of Toxicology 2025 Annual Fall Meeting, October 24, 2025, Shrewsbury, Massachusetts, USA.

Amber Goetz. Rethinking Chemical Carcinogenicity Assessment in the Context of NAMs: Current Frameworks, State of the Science, and New Horizons. SOT Carcinogenesis Specialty Section and SOT Women in Toxicology Special Interest Group Joint Webinar. October 27, 2025. [Webinar Recording and Materials](#)

Xiang Xue. Microplastics drive colorectal cancer progression through hypoxia and mechanosensing pathways. Department of Biology, New Mexico State University, Las Cruces, NM

Xiang Xue. Targeting Endometrial Cancer with Novel Ferroptosis-Inducing Curcumin Analogues. Gyn SPORE Investigators Meeting, Oklahoma City, OK (Zoom Participation)

Xiang Xue. Environmental Microplastics Promote Colon Tumorigenesis Via Piezo1–Ca²⁺–ROS Signaling and Hypoxia-Induced Metastatic Pathways. The American Chemical Society Rocky Mountain Regional Meeting, Albuquerque, NM

Xiang Xue. Environmental Microplastics Promote Colon Tumorigenesis Via Piezo1–Ca²⁺–ROS Signaling and Hypoxia-Induced Metastatic Pathways. National Institute of Environmental Health Sciences (NIEHS) Environmental Health Sciences Core Centers (EHSCCs) “Celebrating NIEHS – 25 Years of Community Engagement & Over 60 Years of Science” meeting, Lexington, Kentucky

Upcoming Meetings with CSS Sponsored / Supported Presentations

Be on the lookout for upcoming presentations at...

EUROTOX Congress, 13th-16th September 2026 in Vienna, Austria

Organized by the Austrian Society of Toxicology

<https://www.eurotox2026.com/>

CSS Member: William Bisson

Science Across Borders: Harmonizing Carcinogen Risk Assessment to Predict Global Communities

CSS Members: Amber Goetz

Dancing with Data: Learning the Steps in the Weight of Evidence Waltz for Next Generation

Carcinogenicity Assessment

We look forward to seeing you in San Diego, CA for the 2026 SOT Meeting!

