

The Post-y

Newsletter for the SOT Postdoctoral Assembly

Spring 2019



2019 Society of Toxicology Meeting

PDA Special Events at the 58th Annual SOT Meeting in Baltimore, MD March 10-14!



**PDA Luncheon
Tuesday, March 12 at 12:00 PM
(Ticket Required)**

All postdoctoral scholars are invited to a casual luncheon organized by the PDA. The Best Postdoctoral Publication Award recipients will be recognized and career-themed door prizes will be given away. The PDA Board will provide an update on this year's accomplishments and activities. Postdoctoral scholars should reserve a ticket for \$10 when registering for the Annual Meeting.

**Poster Tours for Trainees
March 11-13**

Time varies by group. Please consider participating in this one-hour, guided poster tour with an expert toxicologist! Meet at the Poster Tour Board in the Pratt Street

lobby of the Convention Center 15 minutes prior to tour start time. Participants may continue to sign up at the Student/Postdoc Mixer on Sunday, March 10 at the Poster Tour Board.

**Chat with an Expert
March 11-13
Hosted by the Graduate Student Leadership Committee**

Time and place vary by group. Meet at the Chat with an Expert Poster in the main entrance lobby of the Convention Center. Participants may continue to sign up at the Student/Postdoc Mixer on Sunday, March 10 at the Chat with an Expert Poster.

Best Postdoctoral Publication Awards

The SOT PDA presents the Best Postdoctoral Publication Awards (BPPA) each year at the Annual Meeting to recognize outstanding published works in the field of toxicology accomplished by members in formal mentored postdoctoral positions. Applications were eligible this year if papers were published between October 1, 2017, and September 25, 2018. Out of the outstanding pool of applicants, three recipients were selected.

Applications were reviewed by the PDA Board and outside reviewers with matching scientific expertise using the NIH conflict of interest, confidentiality, and nondisclosure rules. The 2019 awards will be presented during the PDA Luncheon at the 58th Annual Meeting in Baltimore, MD on Tuesday, March 12. Please be sure to come by, enjoy the luncheon and congratulate the recipients! More about the recipients follows on Page 2.

2018–2019 SOT PDA Board

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Table of Contents

2019 SOT Meeting	1	Annual Meeting Events and Symposia	3-6
BPPA Awards.....	1-2	Rising Star Campaign.....	6

Best Postdoctoral Publication Award Recipients

Specialized Pro-resolving Lipid Mediators Regulate Ozone-Induced Pulmonary and Systemic Inflammation

Brita Kilburg-Basnyat, PhD, Covance Inc., Madison, WI

Kilburg-Basnyat, B., S. W. Reece, M. J. Crouch, B. Luo, A. D. Boone, M. Yaeger, M. Hodge, C. Psaltis, J. L. Hannan, J. Manke, M. L. Armstrong, N. Reisdorph, R. M. Tighe, S. R. Shaikh, and K. M. Gowdy. "Specialized Pro-resolving Lipid Mediators Regulate Ozone-Induced Pulmonary and Systemic Inflammation." *Toxicological Sciences*, 163, no. 2 (2018): 466–77. <https://doi.org/10.1093/toxsci/kfy040>.



Ozone-Induced Vascular Contractility and Pulmonary Injury Are Differentially Impacted by Diets Enriched with Coconut Oil, Fish Oil, and Olive Oil

Samantha J. Snow, PhD, US EPA, Research Triangle Park, NC

Snow, S. J., W. Y. Cheng, A. Henriquez, M. Hodge, V. Bass, G. M. Nelson, G. Carswell, J. E. Richards, M. C. Schladweiler, A. D. Ledbetter, B. Chorley, K. M. Gowdy, H. Tong, and U. P. Kodavanti. "Ozone-Induced Vascular Contractility and Pulmonary Injury Are Differentially Impacted by Diets Enriched with Coconut Oil, Fish Oil, and Olive Oil." *Toxicological Sciences*, 163, no. 1 (2018): 57–69. <https://doi.org/10.1093/toxsci/kfy003>.



A Common Antimicrobial Additive Increases Colonic Inflammation and Colitis-Associated Colon Tumorigenesis in Mice

Haixia Yang, PhD, Harvard Medical School, Boston, MA

Yang, H., W. Wang, K. A. Romano, M. Gu, K. Z. Sanidad, D. Kim, J. Yang, B. Schmidt, D. Panigrahy, R. Pei, D. A. Martin, E. Ilker Ozay, Y. Wang, M. Song, B. W. Bolling, H. Xiao, L. M. Minter, G. Y. Yang, Z. Liu, F. E. Rey, and G. Zhang. "A Common Antimicrobial Additive Increases Colonic Inflammation and Colitis-Associated Colon Tumorigenesis in Mice." *Science Translational Medicine*, 10, no. 443 (2018). <https://doi.org/10.1126/scitranslmed.aan4116>.



Thinking Ahead to Next Year!

2020 Joint PDA and GSLC SOT Annual Meeting Session Proposal

The PDA submits scientific and career development proposals for consideration for the Annual Meeting. Have an idea for a scientific proposal, career development theme, or a potential speaker? Email ideas to Melanie Abongwa, PDA Vice-chair (mabongwa@iastate.edu)



2018 Best Postdoctoral Publication Presentation at PDA Luncheon in San Antonio, TX

Tickets Available! Join the discussion at the SOT Annual Meeting

Trainee Discussion with Plenary Lecturer: William Murphy

Monday 9:45 AM-10:45 AM

Room 311

Pre-Registration is Required

Following the plenary session on Monday, graduate students and postdoctoral scholars are encouraged to meet for an informal discussion with the plenary speaker.

Trainee Discussion with MRC Lecturer: Janet Lord

Wednesday 2:00 PM-3:00 PM

Room 311

Pre-Registration is Required

Following the MRC lecture on Wednesday, graduate students and postdoctoral scholars are encouraged to meet for an informal discussion with the MRC Keynote Speaker.

If you already have a ticket for this event, be sure to attend!



2018 Career Exploration through Speed Informational Interviews in San Antonio, TX

PDA Endorsed Annual Meeting Sessions

Perfluoroalkyl Substances (PFAS): Global and Persistent Environmental Contaminants

Tuesday, March 12, 3:00 PM to 4:30 PM in CC Ballroom 1

Chairpersons: Melanie Abongwa, Iowa State University, Ames, IA; and Lauren Walker, University of California, Riverside, CA.

- **Training in Regulatory Toxicology: Understanding Opportunities and Present-Day Challenges.** James Klaunig, Indiana University, Bloomington, IN.
- **The Role of Regulatory Toxicology in Drug Development.** Tao Wang, Achaogen, San Francisco, CA.
- **Generating Toxicology Data to Meet the Needs of Regulatory Agencies.** Allison Greminger, ExxonMobil Biomedical Sciences Inc., New York, NY.
- **Evolving Approaches in Regulatory Toxicology: Integrating Pathway-Based Screening and Testing to Support Modern Chemical Safety Assessments and Harmonize International Approaches.** David Dix, US EPA, Washington, DC.
- **Panel Discussion/Q&A.** William Farland, Colorado State University and William H. Farland Consulting, LLC, Rockport, ME.

Tips for Improving Scientific Communication with a General Audience

Tuesday, March 12, 4:45 PM to 6:05 PM in CC Room 308

Chairpersons: Jonathan Shannahan, Purdue University, West Lafayette, IN; and Samantha J. Snow, US EPA, Durham, NC.

- **Tips for Improving Scientific Communication with a General Audience.** J. Shannahan. Purdue University, West Lafayette, IN.
- **Peer-Reviewed Science: How (and Why) to Talk About Your Science with People outside the Lab.** K. May. North Carolina State University, Raleigh, NC.
- **Science Is Not Finished Until It Is Communicated.** J. Zelikoff. New York University School of Medicine, Tuxedo, NY.
- **Using Free Social Media Online Tools to Communicate Scientific Activities, Distribute Data, and Enhance Scientific Articles Post-Publication.** A. Williams. US EPA/NCCT, Durham, NC.
- **How to Communicate with and through the Media.** L. Helmuth. Washington Post, Washington, DC.

Navigating Turbulent Waters: How to Address Conflict throughout Your Career

Wednesday, March 13, 4:30 PM to 5:50 PM in CC Room 308

Chairpersons: Manushree Bharadwaj, Center for Veterinary Medicine, FDA, Rockville, MD; and Brita Kilburg-Basnyat, Covance Inc., Madison, WI.

- **Navigating Turbulent Waters: How to Address Conflict throughout Your Career.** M. Bharadwaj. Center for Veterinary Medicine, FDA, Rockville, MD.
- **Civil Skepticism and Fair Fighting.** M. M. Mitchell. The Mitchell Organization, Seattle, WA.
- **De-energizing Relationships in Academia and Sciences and How to Manage Them.** D. Dolinoy. University of Michigan School of Public Health, Ann Arbor, MI.
- **Managing Workplace Relationships by Setting Clear Expectations.** J. Henkin. STEM Career Services, Washington, DC.
- **Giving Effective Feedback: Tips for Telling the “Good” or “Bad”.** T. Collins. NIEHS, Research Triangle Park, NC.

Annual Meeting Activities for Postdocs

Mentoring Breakfast

Monday, March 11, 6:15 AM to 7:45 AM in Room 325

Pre-Registration is Required (Sold Out)

The Society of Toxicology recognizes the importance of mentoring in the scientific and professional development of its members. The Mentoring Breakfast is for SOT Members at any career stage—from graduate students to postdoctoral fellows to senior scientists—who are seeking a mentor. Brief presentations are followed by small group discussions led by trained facilitators. Facilitators will work to match participants with compatible mentors.

***In Vitro* Lecture and Luncheon: Patient-Based Cellular Model Systems to Assess Individual Risk Neurotoxicants**

Monday, March 11, 12:00 Noon to 1:30 PM in Hilton Baltimore Holiday Ballroom 4

Pre-Registration is Required (Sold Out)

Dr. Aaron Bowman will examine the benefits of using iPSC technology to personalize human risk assessment for suspected and known neurotoxicants. Induced pluripotent stem cells (iPSCs) can be generated from individual human subjects or representative vulnerable populations. These cells can be used to differentiate cells along all three embryonic germ lines, including the brain and neurovascular unit. Examples from the recent literature will be used to illustrate opportunities and challenges to the field. The audience will be asked to discuss these opportunities and challenges and apply their ideas to a real-world situation.

Career Exploration through Speed Informational Interviews

Tuesday, March 12, 1:30 PM to 2:50 PM in CC Room 325

Pre-Registration is Required

This career development special event is designed for students and post-docs who want to gain insight into the different career sectors in toxicology. Groups of three trainees will rotate through a series of approximately eight-minute discussions with career representatives from academia, government, and industry. Trainees can ask the career representatives questions about their background, career path, the hiring process in their company/sector, and other aspects of identifying and pursuing career interests. This session will provide an informal opportunity to gain insight about different employment sectors in toxicology, through candid discussions in a casual setting.

2019 SOT Career Resources

- **SOT Online Job Bank:** <https://www.toxicology.org/jobbank>
Be sure to update your CV and visibility settings before the meeting!
- **Mentor Match: The Online SOT Mentoring Program**
<http://www.toxicology.org/mentormatch>
- **Education-Career Development Sessions**
See p. 4 of the Post-y and the Annual Meeting App to find relevant sessions.

2019 SOT Meeting Networking Opportunities

- **Student/Postdoc Mixer:** March 11, 7:30 PM to 9:00 PM in Hilton Baltimore Holiday Ballroom 4
- **SOT Mentoring Breakfast:** March 12, 6:15 AM to 7:45 AM in CC Room 325 (Sold Out!)
- **Career Exploration through Speed Informational Interviews:** March 12, 1:30 PM to 2:50 PM in CC Room 325
- **Postdoctoral Luncheon:** March 12, 12:00 PM to 1:00 PM in CC Room 325
- **Poster Tours for Trainees:** March 11-13 (time varies by group)
- **Chat with an Expert:** March 11-13 (time/location varies by group)
- **SOT Component Group Mentoring Events:** See SOT 2019 App for details

If you haven't already signed up for [Poster Tours](#) or [Chat with an Expert](#) be sure to do so at the Mixer!

Donate to the Rising Star Campaign and See Immediate Returns!

The Rising Star Annual Fund established in 2018 by the Endowment Fund Board is intended to support the career development needs of Society of Toxicology (SOT) graduate students and postdoctoral scholars collectively. It also gives trainees an opportunity to demonstrate that modest, meaningful contributions can result in tangible benefits. The fund is a mechanism to collect small donations from graduate students and postdoctoral scholars to achieve specific, peer-identified objectives and to promote engagement of students and postdoctoral scholars in the Society.



Donations to the Rising Star 2019–2020 Annual Fund will support membership for graduate students and postdoctoral fellows for the American Association of the Advancement of Science (AAAS) Career Development Course Catalog. This online library offers access to courses, programs, and tools to help scientists launch and further their careers. Topics on this [site](#) range from tips on successful grant writing to designing an undergraduate STEM course to preparing for job interviews and much more.

Use the [online giving system](#) or [download the Donation form](#) to make a gift to the Rising Star 2019–2020 Annual Fund. Questions? Contact [SOT HQ](#).



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