

Food Safety

ANNUAL REPORT: 2022–2023

May 1, 2022 to April 30, 2023

I. Officers/Committees

Officer

President:

Vice President:

Vice President-Elect:

Secretary/Treasurer:

Past President:

Councilors:

Postdoctoral Representative:

Graduate Student Representatives:

2022–2023

Logeswari Ponnusamy

David Szabo

Amy Roe

Britney Geter

Sachin Bhusari

Fleur de Mooij

Allison Franzen

Lois Haighton

René Viñas

Olawande Olagoke

Rebecca Kim

Lauren Payne

2023–2024

David Szabo

Amy Roe

Kevin Boyd

Britney Geter

Logeswari Ponnusamy

Kelly Almond-Abbate

Allison Franzen

Alexandria Lau

René Viñas

Olawande Olagoke

Cassandra Winz

Lauren Payne

2022-2023 Committees:

Nomination Committee:

Sachin Bhusari

Logeswari Ponnusamy

Rebecca Kim

Lauren Payne

Olawande Olagoke

Program Committee:

Logeswari Ponnusamy

David Szabo

Webinar Committee:

Rene Vinas

Rebecca Kim

Lauren Payne

Olawande Olagoke

Awards Committee:

Fleur de Mooij

Logeswari Ponnusamy

David Szabo

Amy Roe

Sachin Bhusari

Britney Geter

Lois Haighton

Rene Vinas

Allison Franzen

Mentoring Program

Committee:

Amy Roe

Rebecca Kim

Lauren Payne

Olawande Olagoke

Fundraising/Sponsorship

Committee:

Lois Haighton

Annual Business and

Reception Preparation Ad

Hoc Committee:

Fleur de Mooij

Logeswari Ponnusamy

David Szabo

Amy Roe

Sachin Bhusari

Britney Geter

Lois Haighton

Rene Vinas

Allison Franzen

Rebecca Kim

Lauren Payne

Olawande Olagoke

Linkedin Communication

Page:

Logeswari Ponnusamy

Fleur de Mooij

Rebecca Kim

I. 2022 Membership total: 212

II. Key Outcomes in 2022–2023:

- FS3 promoted the education and training of the next generation of Food Safety Toxicologists through the three Food Safety Specialty Awards:
 - The Frank C. Lu Early Career Scientist Award & The Frank C. Lu Graduate Student Award; The Burdock Student Award; and the Elsevier Postdoctoral Award
- These awards were made possible by contributions of the Burdock Group and the Frank C. Lu Food Safety Student Award Fund of the SOT Endowment that the Food Safety Specialty Section and Elsevier manage.
- We endorsed the 2023 Annual Meeting Information session on “Evidence-Based Methods in Toxicology: Progress in the Past Decade and Collaborative Projections for the Future” and a Symposium on “New Approach Methodologies to Evaluate Botanical Safety”.
- We conducted an FS3 Mentoring Event that provided trainees with an opportunity to meet with experts and mentors from different sectors in food safety to discuss their career paths and help the trainees understand career options in Food Safety.
- We continued enhancing communication efforts through our LinkedIn page and engaged the member audience to highlight our early training career awards, acknowledge our sponsors for their generous contributions, and promote training opportunities within Food Safety toxicology.

III. Activities

A. SOT Annual Meeting Activities (e.g., courses, scientific sessions, receptions):

Evidence-Based Methods in Toxicology: Progress in the Past Decade and Collaborative Projections for the Future

Informational Session

80 minutes

Wednesday, March 22, 2023

11-12 pm

New Approach Methodologies to Evaluate Botanical Safety

Symposium Session

165 minutes

Monday, March 20, 2023

1:45-4:30 pm

Tiny Tox Talk

The Importance of Toxicology for Food Innovation

ToxExpo, Hall C, Music City Center

Tuesday, March 21, 2023

12:40-1 pm

FS3 Reception

Music Row 5, Omni Nashville Hotel

Wednesday, March 22, 2023

6-7.30 pm

FS3 Mentoring Session

Music Row 5, Omni Nashville Hotel

Wednesday, March 22, 2023

5-6 pm

B. 2023 Awards Recipients:

- Food Safety SS Frank C. Lu Graduate Student Award, Food Safety Specialty Section – The anticancer activity of piperlongumine is due, in part to its activity as a nuclear receptor 4A1 (NR4A1) ligand, Lei Lydia Zhang, Texas A&M University*
- Food Safety SS Frank C. Lu Early Career Scientist Award, Food Safety Specialty Section – not awarded (lack of eligible applicants)*

*These awards are made possible by the Frank C. Lu Food Safety Student Award Fund of the SOT Endowment that the Food Safety Specialty Section manages.

- Elsevier Post Doc Award: The protective role of *Annona muricata* preconditioning on Paraquat-induced damage in *Caenorhabditis elegans* and Beneficial use of three *Bixa orellana* seed extracts on *Caenorhabditis elegans*, Barbara Arroyo Salgado, University of Cartagena**

**This award is made possible by the generous contribution of Elsevier. This is the second year for this 5-year recurring award sponsored by Elsevier.

C. Other Educational Activities Conducted (e.g., webinars, in-person meetings):

- Jointly Sponsored Webinar: Cultivated Meat: Regulatory and Safety Challenges for a Developing Industry

Thursday, February 9, 2023

In collaboration with SOT Biotechnology Specialty Section (BTSS), Ethical, Legal, and Forensics, and Societal Issues Specialty Section (ELFSI)

Chair: Rene Vinas

Speakers:

- David Block, PhD
 - Professor, Department of Chemical Engineering, UC Davis
 - Dave Tonnuci, PhD
 - Vice President, Regulatory & Toxicology, SciFi Foods, Inc.
 - Janet Tomiyama, PhD
 - Professor, Department of Psychology, UCLA
- Highlighted SOT FDA Colloquia on Emerging Toxicological Science: Challenges in Food and Ingredient Safety to FS3 membership

D. Communication Activities:

1. Newsletter publication frequency: Twice yearly
Summer 2022 and Winter/Spring 2022-2023 (combined)
2. Communication Highlights:
 - New or significant announcements/blogs:
 - Shared updates with FS3 membership via email on the following items:
 - Newly elected officers
 - Fall and Spring newsletters
 - Awards: 2022 FS3 award winners
 - Upcoming webinars and FS3 endorsed SOT 2023 sessions
 - Mentoring event highlights
 - Endorsed session updates
 - Via LinkedIn Page:
 - Highlighted Food Safety SS Early Career Training Awards
 - Acknowledged the generous contributions of our sponsors
 - Communicated training/job opportunities in Food Safety Toxicology
 - FS3 Sponsors for 2022-2023
 - Keller & Heckman
 - American Beverage Association
 - Cargill
 - Coco-cola
 - Vanguard Global Associates
3. Highlights of website enhancements: Updated the newsletter and general sections.

- E. Mentoring Activities: FS3 Mentoring event was held on Wednesday, March 22, 2023, 5 - 6 pm at Music Row 5, Omni Nashville Hotel in advance of the FS3 annual reception at the 62nd SOT Annual Meeting. This session provided trainees with an opportunity to meet with experts and mentors from different sectors in food safety to discuss their career paths and help the trainees understand career options in food safety.

IV. Feedback and Ideas:

- A. In what ways is your group fostering and maintaining an inclusive environment? Please give examples of any current practices used to support inclusion in processes such as 1) leadership

selection and promotion, 2) award descriptions and selection, and 3) endorsement of proposals for the Annual Meetings.

The FS3 EC is very diverse, represented by individuals from different backgrounds (e.g., academia, industry, consulting, and startups), including both seasoned and early to mid-career toxicologists and EC members located within and outside of the USA. We make sure that everyone's voice is heard on the monthly meeting calls and have diversity in our thoughts and actions in everything we do at FS3. Similarly, FS3 membership is also very diverse from different backgrounds and we as FS3 EC are fully committed to DEI activities and initiatives put forth by SOT and by our membership. Award selection considers inclusivity as well and accounts for applicants/winners from academic institutions located within and outside of the USA.

- B. What is one thing the Society should be doing that we currently do not do (or do not do effectively) that would be of importance/benefit to the members of your component group?

As we were not able to award the Food Safety SS Frank C. Lu Early Career Scientist Award, due to a lack of eligible applicants, it would be helpful if SOT could promote the availability of the awards by including notices in communications that are intended to be circulated to a wider audience or all SOT members.

We also sincerely thank the SOT SS Coordinators for their contribution and tremendous support for all of the FS3 activities. Their active and timely help is very valuable throughout the year for many different needs, especially to run the webinars.

- C. What is one thing that the Society is currently doing that impacts your component group that should be changed (e.g., stopped, modified, etc.)?

None. SOT's support is highly appreciated.