

Clinical and Translational Toxicology

ANNUAL REPORT: 2022–2023

May 1, 2022 to April 30, 2023

I. Officers

<u>Officer</u>	<u>2022–2023</u>	<u>2023–2024</u>
President:	Kai Kehe	Hartmut Jaeschke
Vice President:	Hartmut Jaeschke	Deidre Dalmas Wilk
Vice President-Elect:	Deidre Dalmas Wilk	James Dear
Secretary/Treasurer:	Emma Bowers	Emma Bowers
Past President:	Yvonne Dragan	Kai Kehe
Councilors:	John Benitez William Mattes	John Benitez Hemantkumar Chavan
Postdoctoral Representative:	Jephthe Akakpo	Jephthe Akakpo
Graduate Student Representative:		Joanna Woo

II. 2022 Membership total: 122

III. Key Outcomes in 2022–2023:

- A. Feedback from members showed strong interest in mentoring opportunities for Clinical and Translational research. We are currently soliciting mentee applications to pair them with appropriate mentors.
- B. We reinstated the CTTSS Career Achievement Award.

IV. Activities

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

Clinical and translational Toxicology Specialty Section Meeting / Reception

Date and Time: Wednesday, 3/22/2023 from 6:00pm – 7:30pm CT

Summary: The business meeting was open to all interested SOT members. The program included reports from the President and Secretary/Treasurer, announcements on outgoing and incoming officers, an award ceremony for the graduate student and postdoctoral fellow awards, an announcement of the recipient of the 2023 CTTSS Career Achievement Award winner, and an open discussion on priorities for the Specialty Section and how it can better serve the members.

- B. 2023 Awards Recipients:

Graduate Student Awards:

1st Place Graduate Student Research Award:

Olamide Adelusi (University of Kansas Medical Center)

“JNJ-26366821 reduces late injury and accelerates the onset of hepatocyte proliferation and liver recovery after acetaminophen-induced liver injury in mice.”

2nd Place Graduate Student Research Award:

Rahanna Khan (New York University)

“Consequences of PBDE exposure in preterm breast milk: a link to abnormal miR-22-3p and miR-30b-5p levels.”

3rd Place Graduate Student Research Award:

Piyush Padhi (University of Georgia)

“Harnessing a Programmable, Microbiome-Based Genome Engineered Live-Biotherapeutic for Sustained Levodopa Delivery in Parkinson’s Disease.”

Graduate Student Research Award, Honorable Mention:

Christine Kim (Rutgers University New Jersey)

“Urinary Biomarkers to Assess Cisplatin-Induced Kidney Damage Resulting from Drug-Drug Interactions in Clinical Cancer Patients.”

Graduate Student Research Award, Honorable Mention:

Fee Gölitz (Bundeswehr Institute of Pharmacology and Toxicology, Germany)

“Precision Cut Lung Slices in acetylcholinesterase reactivator research: comparison of colorimetrically determined AChE activity and airway responsiveness.”

Postgraduate Awards:

1st Place Postdoctoral Fellow Research Award:

Dr. Frederic Lu (Rutgers University New Jersey)

“Two hours of inhaled carbon dioxide in healthy humans leads to systemic vascular inflammation and acute cognitive impairment.”

CTTSS Career Achievement Award:

Dr. Horst Thiermann (Bundeswehr Institute of Pharmacology and Toxicology, Germany)

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

N/A

D. Communication Activities:

1. Newsletter publication frequency: Summer 2022, Fall 2022, Spring 2023

2. Communication Highlights: N/A
3. Highlights of website enhancements: N/A

E. Mentoring Activities: Interest in mentoring opportunities was expressed at the Annual Meeting. A call for registration as mentee was included in the summer 2023 newsletter. Any person signing up will be paired with a mentor who has the appropriate expertise.

V. 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 CTTSS is open to all members of SOT that self-identify with interests in clinical and translational science. All student and postdoc members are highly engaged and bring this excitement back to their research communities. Executive membership is driven by election from membership. We encourage all members (via newsletter and personal communication) to stand for election for open executive membership positions. Applicants of underrepresented groups are especially encouraged to apply. Awards will be announced in the Newsletters. Endorsed proposals by CTTSS will be announced in the Newsletters. At the same time, we are soliciting applications for the next year's awards and invite new proposals for the Annual Meeting.

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?

- Emphasize more programming on translational/clinical aspects of toxicology at the Annual Meeting
- Consider involving input from CTTSS on the award of the Translational Impact Award.
- The cost of the reception at the Annual Meeting generally consumes close to 100% or more of the annual budget of CTTSS mainly due to excessive costs of food and equipment, which leaves nothing for additional activities. Negotiating better prices or subsidizing some of these costs by SOT would allow better use of our funds for service to CTTSS members.

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.)?

- Emphasize more programming on translational/clinical aspects of toxicology at the Annual Meeting
- Consider involving input from CTTSS on the award of the Translational Impact Award.
- The cost of the reception at the Annual Meeting generally consumes close to 100% or more of the annual budget of CTTSS mainly due to excessive costs of food and equipment, which leaves nothing for additional activities. Negotiating better prices or subsidizing some of these costs by SOT would allow better use of our funds for service to CTTSS members.