

Computational Toxicology Specialty Section

ANNUAL REPORT: 2025–2026

May 1, 2025 to April 30, 2026

I. Officers:

<u>2025–2026</u>	<u>2026–2027</u>
President: Fjodor Melnikov Vice President: Alessandro Brigo Vice President Elect: Zhoumeng Lin Past President, Councilor: Kevin Cross Secretary: Dakota Robarts Treasurer: Lisa Truong Councilor: Lennart Anger Councilor: Adrian Green Postdoctoral Representative: David Umbaugh Graduate Student Representative: Pei-Yu Wu	President: Alessandro Brigo Vice President: Zhoumeng Lin Vice President-Elect: Elias Oziolor Treasurer: Elena Chung Secretary: Dakota Robarts Past President, Councilor: Fjodor Melnikov Councilor: Christian Andersen Councilor: Lennart Anger Postdoctoral Representative: Lo-Wei Lin Graduate Student Representative: Ryan Owens

Committees:

No appointed committees

II. 2026 Membership total: 228

III. Key Outcomes and Accomplishments in 2025–2026:

The Computational Toxicology Specialty Section accomplished the following activities throughout the year.

- In-person meeting/mixer
- Virtual meetings
- Sponsored session(s) at the Annual Meeting
- Endorsed session(s) at the Annual Meeting
- Mentoring/career development events
- Poster session for trainees
- Scientist investigator awards conferred
- Paper of the year award
- Member highlights
- Newsletter(s)
- Webinars
- Updated standard operating procedures

IV. Collaborative Partnerships with Other SOT Organizations:

The Computational Toxicology Specialty Section collaborated with the following organizations within SOT.

- Drug Discovery Toxicology

V. Communication Methods:

The Computational Toxicology Specialty Section stayed in contact with its members throughout the year through the following mechanisms.

- Emails through SOT Headquarters
- Specialty Section website
- Newsletter(s)
- Through Graduate Student/Postdoc Representatives
- LinkedIn

VI. Promotion of Inclusivity

The Computational Toxicology Specialty Section maintained an inclusive organization through the following activities.

- Nominate a diverse slate of candidates for elections
- Solicit equitable input from all executive committee leaders
- Utilize virtual meetings for convening Specialty Section leadership
- Utilize standardized rubrics for judging awards/posters
- Include inclusive descriptions of Awards
- Prioritize diversity in selection of speakers/panelists
- Highlight trainee research
- Solicit member feedback for development of Specialty Section activities (such as webinar topics)
- Provide volunteer activities for the membership to be engaged
- Use multiple approaches to communicate with membership

VII. Mentoring and Career Development Activities:

The Computational Toxicology Specialty Section hosted the following mentoring activities throughout the year for its membership.

- Career panel(s)
- Chat with an expert
- Actively recruit members to be part of the SOT Mentor Match system

VIII. Awards Given:

Trainee	4
Early Career	2
Mid Career	1
Late Career	0

IX. Key Outcomes and Improvements:

- A. Organized 6 webinars on diverse topics critical to the field
- B. Continued growth of Yves Allery endowment fund and external support contributions to CTSS from across industrial partners.

X. Strategic Plan:

The Computational Toxicology Specialty Section supported the following SOT Strategic Priorities.

- Proactively pursue impactful scientific content
- Support the development and application of tools that advance toxicology
- Effectively communicate scientific advances
- Foster connectivity across scientific disciplines
- Develop a talent pool of toxicologists for the future
- Provide training and education that reflects the needs of members
- Provide mentoring and networking opportunities for all career levels
- Enhance member recognition and visibility at all levels

XI. Scientific Topics of Interest:

The Computational Toxicology Specialty Section is interested in seeing the following topic areas developed into sessions at future SOT Annual Meetings.

- Artificial intelligence application in toxicology
- Virtual Control Groups within *in vivo* repeat-dose toxicology studies
- Next generation sequences in toxicity assessment
- Foundational models for toxicity
- Advance data interpretation and analysis to insight tools in toxicology and related biochemical sciences

XII. Feedback to the Society:

- A. What is the one thing the Society should be doing that it currently does not do (or does not do effectively) that would be of importance/benefit to the members of the Specialty Section?

Provide more reasonable options for in person reception food and AV equipment costs that would allow Specialty Sections to spend more resources on their members and less on the meeting overhead expenses. Easier communication methods, especially with the graduate and pos-doctorial members of SOT could improve cross-group engagements, foster greater collaboration, and help career growth, especially for young scientists.

- B. What is the one thing the Society is currently doing that impacts the Specialty Section that should be changed (e.g., stopped, modified, etc.)?

N/A