Computational Toxicology Specialty Section

ANNUAL REPORT: 2023–2024
May 1, 2023 to April 30, 2024

I. Officers:

2023–2024	**2024–2025**
President: Minjun Chen	President: Kevin Cross
Vice President: Kevin Cross	Vice President: Fjodor Melnikov
Vice President-Elect: Fjodor Melnikov	Vice President-Elect: Alessandro Brigo
Secretary: Holly Mortensen	Secretary: Holly Mortensen
Treasurer: Alessandro Brigo	Treasurer: Lisa Truong
Past President, Councilor: Nigel Greene	Past President, Councilor: Minjun Chen
Councilor: Joel Cohen	Councilor: Joel Cohen
Councilor: Lisa Truong	Councilor: Adrian Green
Postdoctoral Representative: Heather Ciallella	Postdoctoral Representative: Heather Ciallella
Graduate Student Representative: Elena Chung	Graduate Student Representative: Elena Chung

Committees:

II. 2024 Membership total: 240

III. Key Outcomes and Accomplishments in 2023–2024:

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

- In-person meeting/mixer
- Sponsored session(s) at the Annual Meeting
- Endorsed session(s) at the Annual Meeting
- Mentoring/career development events
- Poster session for trainees
- Trainee awards conferred
- Scientist investigator awards conferred
- Paper of the year award
- Member highlights
- Newsletter(s)
- Webinars presenting current research developments in the field
- Business meeting (communicated operations/finances to members)
- Updated standard operating procedures
- Utilized/expanded Endowment Fund(s) for Component Group

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.

- ToXchange
- 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 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

VII. Mentoring and Career Development Activities:

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

- Mentor-Mentee program within the Specialty Section

VIII. Awards Given:

Trainee	**4**
Early Career	**4**
Mid Career	**3**
Late Career	**1**

IX. Key Outcomes and Improvements:

1) Of a total of 13 CTSS sponsored sessions, 8 were accepted for inclusion in the 2024 SOT Annual Meeting scientific program.
2) The participants in the CTSS mentorship program doubled in this second year (28 vs 14). The program was reviewed within the Specialty Section committee and the feedback from participants was favorable. The Program was renewed in 2024.

X. Strategic Plan:

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

- Proactively pursue impactful scientific content

- Support the development and 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
- Virtual Control Groups within *in vivo* repeat-dose toxicology studies

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?

The SOT mentorship program has certain impacts on the CTSS mentorship program, and we might need some clarification for the target participants on these two programs to guide interested mentees to the most appropriate program.

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