

American Association of Chinese in Toxicology Special Interest Group

ANNUAL REPORT: 2023–2024

May 1, 2023 to April 30, 2024

I. Officers:

<u>2023–2024</u>	<u>2024–2025</u>
President: Kan Shao President-Elect: Shuo Xiao Secretary: Xiaoling (Sharlene) Dai Treasurer: Zhenquan Jia Past President: Xi Yang Councilor: Miao Li Councilor: Lili Tang Postdoctoral Representative: Jie (Daniel) Luo Graduate Student Representative: Zhenning Yang	President: Shuo Xiao President-Elect: Xuefei Cao Secretary: Lili Tang Treasurer: Miao Li Past President: Kan Shao Councilor: Si Chen Councilor: Xiaoling Zhang Postdoctoral Representative: Qiran Chen Graduate Student Representative: Zhenning Yang

Committees: None

II. 2024 Membership total: 206

III. Key Outcomes and Accomplishments in 2023–2024:

The American Association of Chinese in Toxicology Special Interest Group accomplished the following activities throughout the year.

- In-person meeting/mixer
- Virtual meetings
- 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
- Business meeting (communicated operations/finances to members)
- Initiated the campaign of second AACT Endowment Fund award

IV. Collaborative Partnerships with Other SOT Organizations:

The American Association of Chinese in Toxicology Special Interest Group collaborated with the following organizations within SOT.

- Risk Assessment Specialty Section (RASS) and Biological Modeling Specialty Section (BMSS)

V. Communication Methods:

The American Association of Chinese in Toxicology Special Interest Group stayed in contact with its members throughout the year through the following mechanisms.

- Emails through SOT Headquarters
- Special Interest Group website
- Newsletter(s)
- Through Graduate Student/Postdoc Representatives
- Other Social Media (Facebook, X, etc.)

VI. Promotion of Inclusivity

The American Association of Chinese in Toxicology Special Interest Group 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 Special Interest Group 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 Special Interest Group activities (such as webinar topics)
- Use multiple approaches to communicate with membership

VII. Mentoring and Career Development Activities:

The American Association of Chinese in Toxicology Special Interest Group hosted the following mentoring activities throughout the year for its membership.

- Career panel(s)
- Chat with an expert
- Soft skills training (e.g., CV review, mock interviews, etc.)

VIII. Awards Given:

Trainee	5
Early Career	1
Mid Career	0
Late Career	1

IX. Key Outcomes and Improvements:

1. Promote AACT members to a larger stage. In 2024, AACT facilitated four nominations of the AACT-related personnel for major SOT awards, resulting in Dr. Menghang Xia's recipient of the SOT Enhancement of Animal Welfare Award and Dr. Donna Zhang's recipient of the SOT Leading Edge in Basic Science Award. In addition, AACT co-hosted a webinar with RASS and BMSS Specialty Sections. The webinar was entitled "Integrating Machine

Learning and Quantitative Structure Activity Relationships Modeling Approaches to Develop AI-assisted Interactive Physiologically Based Pharmacokinetic Modeling Web Dashboard". The two speakers, Dr. Wei-Chun Chou and Dr. Zhoumeng Lin are active AACT members.

2. Building and strengthening connections. AACT hosted a Career Development Workshop during the SOT Annual Meeting. Three invited speakers with diverse backgrounds shared their experiences and insights in different career paths such as government, industry, and academia. The workshop offered career development tips, facilitated the building of informal mentor-mentee relationships, and provided networking opportunities for the audience of graduate students and junior toxicologists.

X. Strategic Plan:

The American Association of Chinese in Toxicology Special Interest Group 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 American Association of Chinese in Toxicology Special Interest Groups interested in seeing the following topic areas developed into sessions at future SOT Annual Meetings.

- We would like to see more scientific sessions related to new/emerging technologies used in Toxicology research and application (eg. AI, organ-on-chip, organoids, single cell sequencing, and spatiotranscriptomics, etc.). We would also like to more scientific sessions related to the mixtures and health.

XII. Feedback to the Society:

1. 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 Special Interest Group?

Not noticed.

2. What is the one thing the Society is currently doing that impacts the Special Interest Group that should be changed (e.g., stopped, modified, etc.)?

Not noticed.