

ANNUAL REPORT: 2022–2023

May 1, 2022 to April 30, 2023

I. Officers/Committees

<u>Officer</u>	<u>2022–2023</u>	<u>2023–2024</u>
President:	Xi Yang	Kan Shao
President-Elect:	Kan Shao	Shuo Xiao
Secretary:	Dongying Li	Zhenquan Jia
Treasurer:	Xiefan Fang	Xiaoling (Sharlene) Dai
Past President:	Nan Mei	Xi Yang
Councilors:	Xiefan Fang Dongying Li	Lili Tang Miao Li
Postdoctoral Representative:	Jie (Daniel) Luo Hao Chen	Jie (Daniel) Luo
Graduate Student Representative:	Yunqi An	Zhenning Yang

II. 2022 Membership total: 195

III. Key Outcomes in 2022–2023:

- A. AACT facilitated 4 nomination packages for 2023 SOT Awards. AACT was the secondary endorser for one scientific session: “Safety Assessment Approaches for Stem Cell Therapy” Chaired by William Slikker and James Kang
- B. AACT established a new award: SAFE Best Publication Award of AACT. Between April 8-11, AACT members attended the 10th National Toxicology Congress of the Chinese Society of Toxicology in Zhuhai. Led by former AACT officer, Jack Yao, AACT members met with Chinese colleagues and discussed future collaborations.

IV. Activities

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

2023 AACT Annual Meeting

American Association of Chinese in Toxicology Special Interest Group held its annual business meeting on March 20th, 2023. At 5 pm, Dr. Donna Zhang, (Professor and Musil Family Endowed Chair) as the Distinguished Chinese Toxicologist Lectureship Awardee, gave a talk about her career. Starting from 6 pm, the AACT Executive Board reported a series of activities and initiatives in the past year, including nominations for accomplished toxicologists of Chinese origin for SOT awards, endorsements for SOT scientific proposals, mentoring activities and resources, and future activities by Chinese toxicology societies. The AACT Board also provided updates on the financial status and fund-raising activities of the Special Interest Group, announced AACT Awardees, introduced current and new board officers, and acknowledged the AACT sponsors during the meeting. In the end, participants had the opportunity to reconnect and network with colleagues.

2023 AACT Career Workshop

AACT held a career mentoring luncheon for students and postdocs at the SOT meeting. Attendees had the opportunity to hear career advice from industry, government, and academic professionals. A question and answer session was then held with the speakers and AACT officers.

B. 2023 Awards Recipients:

WestChina-Frontier PharmaTech Distinguished Chinese Toxicologist Lectureship Award of AACT

Donna Zhang, PhD
Professor
Musil Family Endowed Chair in Drug Discovery
University of Arizona

JOINN Biomere Outstanding Young Toxicologist Award of AACT

Shuo Xiao, PhD, Assistant Professor, Rutgers University
Lisa Truong, PhD, MBA, Associate Professor Deputy Director of the Sinnhuber Aquatic Research Laboratory, Director of the Zebrafish Biomedical Research Core, Oregon State University

Jean Lu Student Scholarship Award

Shan Liu (U. of Pennsylvania), Lei Zhang (Texas A&M), Yunqi An (Rutgers)

AACT and InnoStar Best Abstract Award

1st place award – Luke Liu, Purdue University
1st place award – Zhenning Yang, Rutgers University
3rd place award – Jing Zheng, University of Calgary

SAFE Best Publication Award of AACT

Xuelian Jia, Rowan University
Paper Title: Mechanism-driven modeling of chemical hepatotoxicity using structural alerts and an in vitro screening assay, Journal: Journal of Hazardous Materials (IF: 14)

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

In collaboration with SOT Specialty Sections, AACT organized an SOT-wide AACT/CTSS Webinar: Artificial Intelligence Enables Structural Toxicity Testing for Endpoint and Multiple-Timepoint Assays (9/16/2022).

D. Communication Activities:

1. Newsletter publication frequency: Twice per year
2. Communication Highlights: AACT WeChat (391 members, published 10 blogs) and LinkedIn
3. Highlights of website enhancements: AACT website was updated with key activities throughout the year. In addition, announcements and criteria for the new paper award was published in Winter 2022.

E. Mentoring Activities: AACT held a career mentoring luncheon for students and postdocs at the SOT meeting. Attendees had the opportunities to hear career advice from industry, government, and academia professionals. A question-and-answer session was held with the speakers and AACT officers regarding career development.

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.

In the past year, the executive board explored new ways to communicate with the members. Key AACT events were announced by social media to make sure they were efficiently communicated with the AACT members. AACT officers were also proactively reached out to potential members at other scientific meetings and asked for feedback from current members. Lastly, AACT members were always encouraged to engage in many activities such as award nominations, outreach activities, mentor-mentee program, and volunteer opportunities for SOT/AACT programs.

- 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?

SOT did a good job to support AACT's activities. We are looking forward to working with the website updating team to give a fresh look to the AACT website.

- 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.)?

N/A