

Medical Device and Combination Product Specialty Section

ANNUAL REPORT: 2024–2025

May 1, 2024 to April 30, 2025

I. Officers:

<u>2024–2025</u>	<u>2025–2026</u>
President: Xiaoling (Sharlene) Dai Vice President: Ju Young Park Vice President-Elect: Sharlee More Secretary-Treasurer: Bhavesh Ahir Past President, Councilor: Mansi Krishan Councilor: Rachel Chang Councilor: William Wustenberg Postdoctoral Representative: Qiran Chen Graduate Student Representative: Ishita Virmani	Past President, Councilor: Xiaoling (Sharlene) Dai President: Ju Young (Julie) Park Vice President: Sharlee More Vice President Elect: Kimberly Ehman Secretary-Treasurer: Bhavesh Ahir Councilor: Rachel Chang Councilor: Deniz Emul

II. 2025 Membership total: 272

III. Key Outcomes and Accomplishments in 2024–2025:

The Medical Device and Combination Product 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
- Business meeting (communicated operations/finances to members)
- Updated standard operating procedures
- Enhanced the SOT awards evaluation framework by refining award criteria and streamlining processes to improve efficiency, consistency, and transparency. Introduced a formal recognition of the top three candidates in each award category at the MDCPSS Annual Meeting Reception and on LinkedIn to elevate visibility, celebrate excellence, and foster MDCPSS member engagement.

IV. Collaborative Partnerships with Other SOT Organizations:

The Medical Device and Combination Product Specialty Section collaborated with the following organizations within SOT.

- *In Vitro* and Alternative Methods

V. Communication Methods:

The Medical Device and Combination Product 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 Medical Device and Combination Product 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
- 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 Medical Device and Combination Product Specialty Section hosted the following mentoring activities throughout the year for its membership.

- Actively recruit members to be part of the SOT Mentor Match system
- Mentor-mentee program within the Specialty Section
- Mentoring luncheon/reception
- Joint Mentoring Event Co Hosted by MDCPSS and IVAMS

VIII. Awards Given:

Trainee	2
Early Career	2
Mid Career	0
Late Career	0

IX. Strategic Plan:

The Medical Device and Combination Product 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

X. Scientific Topics of Interest:

The Medical Device and Combination Product Specialty Section is interested in seeing the following topic areas developed into sessions at future SOT Annual Meetings.

- Advancing Toxicology and Risk Assessment of Medical Devices and Combination Products through New Approach Methodologies (NAMs) and Reduced Animal Testing:
 - Regulatory acceptance and case studies demonstrating successful integration of NAMs by regulatory bodies (such as FDA)
 - Comparative performance of NAMs vs. traditional animal models
 - Strategies for risk assessment using mechanistic and exposure-driven approaches
 - Cross-sector collaboration to accelerate innovation and validation

XI. 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?

None

- 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.)?

None