

Dermal Toxicology

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:	Sara Farahmand	Kim Norman
Vice President:	Kim Norman	Sarah Gilpin
Vice President-Elect:	Sarah Gilpin	Azita Cuevas
Secretary/Treasurer:	James Coleman	James Coleman
Past President:		Sara Farahmand
Councilors:	Prajakta Shimpi Michael Southall	Valentina Galbiati Prajakta Shimpi
Postdoctoral Representative:	Alexandra Nail	Alexandra Nail
Graduate Student Representative:	Valeria Cota	

Committees:

- Webinar Chair - Kim Norman
- Website Chair - Prajakta Shimpi
- Mentoring Chair - Valeria Cota

II. 2022 Membership total: 127

III. Key Outcomes in 2022–2023:

- A. The DTSS developed a membership program opportunity for 6 graduate students to receive complimentary membership to the Dermal Toxicology Specialty Section in 2023.
- B. DTSS reviewed submissions and presented 4 awards for outstanding papers and researchers in the field of dermal toxicology.

IV. Activities

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

The DTSS hosted a reception at the SOT Annual Meeting in 2023.

At the reception, DTSS activities over the previous year and goals for the upcoming year were presented. Also, the 4 awards were presented to the awardees and presentations were provided by awardees. DTSS also sponsored a workshop at 2023 SOT Annual Meeting entitled "Crucial Role of Physiologically Based Pharmacokinetic Modeling in Human Health Risk Assessment in Different Sectors" and presented a poster on DTSS activities.

- B. 2023 Awards Recipients:

Informa Healthcare Award: In recognition of the best paper in dermal toxicology published in Cutaneous and Ocular Toxicology

Winner: Combination of infra-red light with nanogold targeting macrophages in the treatment of Leishmania major infected BALB/C mice

Authors: Yasak Guner R, Berksoy Hayta S, Tosun M, Akyol M, Ozpinar N, Akın Polat Z, Egilmez R, Celikgün S, Cam S.

DTSS Paper of The Year Award: In Recognition of an Exceptional Publication in the Field of Skin Toxicology and Pharmacology

Winner: Temporal Modulation of Differential Alternative Splicing in HaCaT Human Keratinocyte Cell Line Chronically Exposed to Arsenic for up to 28 Wk

Ana Ferragut Cardoso and Mayukh Banerjee.

Stratacor Postdoctoral Award: In Recognition of Outstanding Postdoctoral Candidates for their Contribution to Skin-related Research

Winner: Meichen Wang, PhD

Inclusion of Montmorillonite Clays in Environmental Barrier Formulations to Reduce Skin Exposure to Water-Soluble Chemicals from Polluted Water.

Edgewell Personal Care Postdoctoral and Student Award: In recognition of outstanding postdoctoral fellows & graduate students for their contribution to skin-related research

Winner: Omid Madadgar

Phosgene Oxime Skin Exposure Causes Oxidative Damage to Biomolecules Including Lipids, Proteins, and DNA in Murine Skin Models.

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

- Sponsored Workshop at 2023 SOT Annual Meeting: Crucial Role of Physiologically Based Pharmacokinetic Modeling in Human Health Risk Assessment in Different Sectors
- Program to Sponsor Graduate Student Memberships
- Presentation to Personal Care Products Council (PCPC) Safety and Regulatory Toxicology Committee (SRTC) on DTSS and how to become a member and get involved
- Formation of Committees: Webinars, Website, Mentoring and routine Committee updates
- DTSS Newsletter and poster presented at SOT Annual Meeting
- Reviewed several proposals and papers for DTSS awards and recognized awardees at reception at SOT Annual Meeting in 2023

D. Communication Activities:

1. Newsletter publication frequency: Annually
2. Communication Highlights:
 - Annual newsletter distributed to members
 - Presentation to the Safety and Regulatory Toxicology Committee (SRTC) of the Personal Care Products Council (PCPC)

- Poster presented at SOT Annual Meeting 2023 on DTSS- membership benefits, DTSS sponsored SOT session, reception details, and awardee information.
 - Postdoctoral representative, Alexandra Nail, attended the Postdoctoral Student Mixer and presented DTSS poster. Alexandra also shared information on DTSS activities and benefits of membership with attendees, and DTSS sponsored a raffle.
3. Highlights of website enhancements: Website committee formed to discuss enhancements - changes under review.
- E. Mentoring Activities: Graduate student representative, Valeria Cota, led activities on encouraging new graduate student members. The DTSS developed a membership program opportunity for 6 graduate students to receive complimentary membership to the Dermal Toxicology specialty section in 2023.

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.

We maintain transparency in decision making, offer opportunities for all officers to initiate, participate in, and lead DTSS activities, and make efforts to recruit members from diverse backgrounds.

- 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?

No concerns at this time.

- 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.)?

Consult with Sections on scheduling for their receptions at the Annual Meeting to avoid conflicts for members.