

Dermal Toxicology Specialty Section

ANNUAL REPORT: 2020-2021

May 1, 2020 to April 30, 2021

I. Officers/Committees:

<u>Officers</u>	<u>2020-2021</u>	<u>2020-2021</u>
President:	Neera Tewari-Singh	Sara Farahmand
Vice President:	Sara Farahmand	Sam Tadepalli
Vice President-Elect:	N/A	TBD
Secretary:	Yoke-Chen Chang	Yoke-Chen Chang
Treasurer:	Yoke-Chen Chang	Yoke-Chen Chang
Past President	Michael F. Hughes	Neera Tewari-Singh
Councilors:	Michael F. Hughes	Neera Tewari-Singh
	Jeffrey Moehlenkamp	Gabriel Knudsen
	Gabriel Knudsen	Michael D. Southall
PDA Representative:	Ana Ferragut Cardoso	Satyendra Singh
Grad Student Representative:	Caren Khachatoorian	Valeria Cota

II. **2020 Membership total:** 131

III. **Key Outcomes in 2020-2021:** Details below

IV. Activities:

A. **2020 SOT Annual Meeting Virtual Activities** (e.g., courses, scientific sessions, or virtual receptions):

Dermal Toxicology Specialty Section Virtual Meeting

Date and Time: Wednesday, March 17, 2021 from 5:00 pm – 6:00 pm ET

Due to the COVID-19 situation, the DTSS Reception Slides/Poster and DTSS sessions were held virtually during the 2021 SOT Annual Meeting. The DTSS virtual event included the President's address, introduction to the current officers, thanks to the outgoing committee members, and congratulations to the new DTSS officers. Other planned activities included discussions on increasing membership recruitment, award announcements and presentations.

Dermal SS sponsored one workshop:

Applicability Domains and Future of Nonanimal Tests for Skin Sensitization" Wednesday, March 24th (11:45 am – 2:30 pm)

Chair(s): Victor J. Johnson, Bursel Research Technologies; and Marc Pallardy, Université Paris-Sud, France

Primary Endorser: Immunotoxicology Specialty Section Other Endorser(s): Dermal Toxicology Specialty Section; In Vitro and Alternative Methods Specialty Section

The DTSS leadership decided in honoring the DTSS award recipients and thanking our outgoing officers and welcoming the incoming officers by posting the slides that were planned to be presented at the DTSS reception as well as the DTSS poster prepared by the student and postdoctoral representatives. The reception slides and poster are posted on the DTSS website.

B. 2021 Awards Information:

Informa Healthcare Award: Anti-inflammatory effect of Arnica Montana in a UVB radiation-induced skin-burn model in mice. J. da Silva, E.C. Bálamo, F.R. Machado, M.R. Poetini, V.C. Bortolotto, S.M. Araújo, L. Londero, S.P. Boeira, C.P. Sehn, M.C. de Gomes, M. Prigol, L.C. Souza. *Cutaneous and Ocular Toxicology*, 2020 Jun;39(2):126-133.

Annual Paper of the Year Award: Nancy Hopf, PhD

Reflections on the OECD guidelines for in vitro skin absorption studies

Postdoctoral Award sponsored by Stratacor: Satyendra Singh, PhD

Mechanism mediating the Dermal Inflammation and Toxicity from Phosgene Oxime Exposure

DTSS Student Award sponsored by Charles River: Careen Khachatoorian

Electronic cigarette fluids and exhaled residue cause an inflammatory response in both human keratinocytes and a 3D skin model

DTSS Postdoctoral Fellow Award sponsored by Charles River: Swati Sharma, PhD

Mechanisms contributing to skin inflammatory pathology following exposure to Environmental pollutant Benzo(a) Pyrene in Psoriatic mouse model

C. Other Educational Activities Conducted (e.g., webinars, in person meetings, etc.): N/A

D. Communication Activities:

Newsletter publication frequency: DTSS Fall 2020 Newsletter

Key Announcements/blogs:

Website highlights: DTSS 2021 Reception Slides and Poster were added and other updates as needed.

E. Mentoring activities: N/A

V. Feedback and Ideas:

A. In what ways is your group fostering and maintaining an inclusive environment?

- *Selecting officers from diverse background and experience and making sure each and every voice is heard when making decisions*
- *Brainstorming with our membership to ensure their needs are met*
- *Partnering with other Specialty Sections to endorse diverse scientific sessions without being biased toward certain groups or institutions*

B. How might SOT better support your group's activities (perhaps something 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?):

Note: If funding is listed, please provide detail on the membership need that the funding would support.

None at this point. We will communicate any needs after planning for the rest of the year in the next couple of months.

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

D. What changes do your component group anticipate making in the way in which it operates in the coming year?

We will be holding a brainstorming session next month with the DTSS officers to identify a few additional programs to benefit our membership. This may include additional webinars, partnership with external associations and bringing in speakers for workshops, etc., regular email/blog series, LinkedIn forum, etc.