



President's message

**2022-2023
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Dear colleagues,

Greetings to all the Dermal Toxicology Specialty Section (DTSS) members and welcome to the fall 2022 newsletter!

It's been an honor to serve you as the President of the DTSS for the second year. I would like to take this opportunity to thank all the members of the DTSS Executive Committee for their time, commitment, and hard work.



In addition to reviewing proposals for scientific sessions at the SOT and preparing for the DTSS awards season over the last year, DTSS Executive Committee is advancing our mission by focusing on the following key areas:

- 1) **Webinar program:** Two webinars were presented during 2022 and our webinar committee is working on organizing the future ones. Any recommendation for topics/speakers will help us improve and sustain this program.
- 2) **Website improvement:** Several changes are made to the website this year and more work is in progress to enhance clarity and accessibility of website information, including a LinkedIn networking group for DTSS members. Your support and donations can help us add more features and resources to the website.
- 3) **Mentoring program:** Thanks to our wonderful graduate student representative, Valeria Cota, we are working on establishing a DTSS mentoring program for all members for the very first time. Your input is invaluable to tailor the program to better address the members needs and interests. Stay tuned for more information on this initiative.
- 4) **Graduate student membership:** There is a sustained effort by the Executive Committee to increase the DTSS membership, especially students and postdoctoral fellows, to enhance the visibility of the Specialty Section to other members of SOT. For the fourth year in a row, DTSS increased graduate student membership via special funding mechanism through directing donations towards graduate student membership fees. Any suggestions or recommendations on how to better reach graduate students and postdoctoral fellows in the dermal field is highly appreciated.

Thank you all for your support and being a part of the DTSS. We look forward to hearing from you and seeing you at the SOT 2023!

Sincerely,

Sara Farahmand, PharmD, PhD, ERT
DTSS President

DTSS Mission Statement

The objectives of the *Dermal Toxicology Specialty Section* are to provide a forum for the interaction of individuals involved in risk assessment, pharmacokinetics, dermal penetration/absorption, hypersensitivity and dermal toxicity, regulatory issues, basic skin biology, and other professionals working in the field of dermal research.

CALL FOR CANDIDATES

DTSS is looking for candidates for our Section's Executive Committee. We need candidates for **Vice President-Elect, Junior Councilor, and Graduate Student Representative**. The terms begin May 1, 2023. This is a fabulous opportunity to get involved, make connections and expand your leadership skills!

Contact Sara Farahmand at: farahmand.s@gmail.com for more information.

A description of the officer roles and responsibilities is posted within the [Officers page](#) of the DTSS website.

Special Program to Recruit Graduate Student Members

To help increase our student membership, we have initiated a program whereby donations to our SS can be made to sponsor the membership of a graduate student. *Please consider making a tax-deductible donation to SOT to increase our student members.*

Contact Rosibel Alvarenga at rosibel@toxicology.org for more information.

DTSS Sponsors

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DTSS Awards 2023

We have several **awards** that will be presented at our reception during the 2023 Annual Meeting.

These awards include:

- DTSS Paper of the Year Award
- Stratacor Postdoctoral Award
- Informa Healthcare Award
- Edgewell Personal Care Postdoctoral and Student Awards.



Deadline for submission
December 12, 2022

For additional information contact **Michael Southall** at msoutha@its.jnj.com.

Additional information is available on the DTSS website under [Awards](#).

DTSS Awards—2022 Winners

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

(S)-(-)-N-[2-(3-Hydroxy-2-oxo-2,3-dihydro-1H-indol-3-yl)-ethyl]-acetamide inhibits melanoma cell growth through inducing apoptosis and autophagy.

Dawel Wang, Qing Li, Yue Wang, Yuanchun Jiang

DTSS Paper of the Year Award: in recognition of an exceptional publication in the field of skin toxicology and pharmacology.

Cytotoxic, genotoxic, and toxicogenomic effects of dihydroacetone in human primary keratinocytes.

Anneliese Striz, PhD

Stratacor Postdoctoral Award: in recognition of outstanding postdoctoral candidates for their contribution to skin-related research.

Chronic Arsenic exposure reduces DNA damage response activation in human keratinocytes.

Alexandra Nail, PhD

Edgewell Personal Care Postdoctoral Award: in Recognition of an Outstanding Graduate Student Proposal for Skin-related Research

Network of miRNAs regulating inflammatory and fibrotic responses in sulfur mustard-induced skin injuries in mice.

Neha Mishra, PhD

Edgewell Personal Care Student Award: in recognition of outstanding students for their contribution to skin-related research.

Toxic effects of cosmetic products through epigenetic reprogramming of dermal stem cells.

Gisselle Rodriguez

DTSS Webinars

This year the DTSS was excited to host the following webinars on two relevant scientific topics. For full recordings and speaker bios, please see our website- <https://www.toxicology.org/groups/ss/dtss/events.asp>.

Title: International Advances in Alternatives and a Next Generation Risk Assessment Case Study for Skin Allergy.

Date: April 19, 2022

Speakers: Nicole Kleinstreuer, NIEHS/NICEATM and Georgia Reynolds, Unilever

Title: Dermal Absorption and Toxicology *In Vitro*; What are the Tests, How Can We Use Them and Where are the Innovations?

Date: February 1, 2022

Speaker: Clive Roper, Roper Toxicology Consulting Limited



If you are interested in presenting a webinar for DTSS or have speaker/topic suggestions, please contact Kim Norman at normank@personalcarecouncil.org.

DTSS SOT 2023

This year DTSS will be sponsoring one workshop at SOT 2023.

The title of this workshop is “Crucial Role of Physiologically Based (Pharmaco-)Kinetic (PBK) Modeling in Human Health Risk Assessment in Different Sectors”.



DTSS Business Meeting and Reception

We will be celebrating member accomplishments in Nashville.
More information to come!

See you at the SOT meeting in 2023!

<https://www.toxicology.org/events/am/AM2023/index.asp>