



## Fall Newsletter 2021

### **2021-2022 DTSS**

Executive Committee

#### **President**

Sara Farahmand, PharmD, PhD

#### **Vice President**

Vacant

#### **Vice President-Elect**

Vacant

#### **Secretary/Treasurer**

Yoke-Chen Chang, PhD

#### **Past President**

Neera Tewari-Singh, MS, PhD

#### **Senior Councilor**

Gabriel Knudsen, PhD, DABT

#### **Junior Councilor**

Michael D. Southall, PhD

#### **Postdoctoral Representative**

Satyendra Singh, PhD

#### **Graduate Student Representative**

Valeria Cota

## *President's Message*

Dear colleagues,

Greetings to all the Dermal Toxicology Specialty Section (DTSS) members and welcome to the fall 2021 newsletter! I hope you and your loved ones are staying safe and healthy. After two years of challenge and uncertainty, we are excited for the possibility of meeting you in person at the SOT 2022 Annual Meeting.

It is an honor to serve you all as President of the DTSS. I take this opportunity to thank all the members of the DTSS Executive Committee for all their time, commitment, hard work and efforts. Unfortunately, one of our Executive Committee members, Sam Tadepalli (VP), had to resign for personal reasons. We will be looking for a member of DTSS to replace him. In the event we cannot recruit a VP for the remaining months of 2021-2022 term, I have decided to volunteer for another year of service as DTSS president and you will see my name on the ballot. If elected, with help from our Executive Committee I will focus on improving our partnership with other Specialty Sections and a solid webinar/member communication program to further advance our mission. If you are passionate about our mission or know a colleague whom our specialty section can benefit from, I encourage you to contact me. In addition, we are seeking nominations for officer elections in early 2022.

There has been a sustained effort by the Executive Committee to increase the DTSS membership, especially students and postdoctoral scholars, and increase the visibility of the Specialty Section to other members of SOT. DTSS is in the third year of a program to increase graduate student membership via special funding mechanism whereby donations can be directed to graduate student DTSS membership fees. If any of you have further suggestions or ideas, especially to reach graduate students and postdoctoral scholars in the dermal field, please contact us.

DTSS has a number of awards that helps participation of the research community, especially the student and postdoctoral awards. Congratulations to all the 2021 award winners! I would also like to thank Charles River for sponsoring the Graduate Student and Postdoctoral Travel Awards, Stratacor for the Postdoctoral Award for skin-related research, and Informa Healthcare, the publisher of the journal *Cutaneous and Ocular Toxicology*, for sponsoring the Informa Healthcare Award. You can find our 2022 award info on our website and we look forward to your applications by Dec 12<sup>th</sup>, 2021.

To increase DTSS visibility and interest as well as interaction with SOT members, we would like to increase the number of sessions endorsed by DTSS at the Annual Meeting and strengthen and support communications with our members through webinar(s). DTSS is sponsoring one session for the 2022 meeting. Ideas and topics on the proposals for the

2023 SOT meeting are welcome! We are also working on developing a webinar program with speakers from industry, academia and thought leaders in the field of Dermal Toxicology. You will receive invitations from us to present your work, you are also more than welcome to volunteer and let us know if you are interested in sharing your research through a webinar with DTSS and other specialty section members. Please contact me and nominate yourself or colleagues for our webinar program.

Last but not least, I would like to thank Belinda Inscho for her daily support, extraordinary partnership with DTSS and all other component groups, her dedication and diligence! None of this would have been possible without her support.

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

Sincerely,  
Sara Farahmand, PharmD, PhD, ERT  
DTSS President

### *New Officers*

Welcome to our new officers and representatives: **Michael Southall, Junior Councilor, Satyendra Singh, Postdoctoral Representative, and Valeria Cota, Graduate Student Representative.** Thank you for helping lead our Specialty Section.

### *DTSS Trainee Newsletter Section*

Hello students and postdoctoral members! We hope it has been a good year for you so far.

For the 2022 Meeting DTSS has several trainee-specific awards; submission information can be found at: <https://www.toxicology.org/groups/ss/dtss/award.asp>. Award deadlines are December 12<sup>th</sup>, 2021, so don't forget to apply!

For poster session information can be found at: <https://www.toxicology.org/events/am/am2022/poster-session.asp>. The abstract submission deadline is Wednesday, December 1, 2021, and information can be found at: <https://www.toxicology.org/events/am/am2022/abstracts-presenters.asp>.

The DTSS is offering a membership program to graduate students for free membership to the Specialty Section. If you have a lab colleague who might be interested in becoming a DTSS member, encourage them to reach out to us. You can find more information about

this program under “*Special Program to Recruit Graduate Student Members*” in this newsletter.

It is our honor to serve as your representatives and we welcome any questions, comments, or suggestions regarding our service of DTSS.

### *Financial Report (as of June 31, 2021)*

Income	
Contributions	\$ 1,750
Membership Dues	\$ 2,380
Misc. income	\$ 500
Interest	\$ 396
Total Income	\$ 5,026
Expenses	
Awards	-
Reception	-
Total Expense	-
Excess (Deficiency)	\$ 5,026
Net Assets beginning of the Year	\$ 3,280
Net Assets End of the Year	\$ 8,306

*DTSS thanks the sponsors of our awards*



### **Informa Healthcare Award:**

In recognition of the best paper in dermal toxicology published in the journal *Cutaneous and Ocular Toxicology*.

**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.*

### **DTSS Paper of the Year Award:**

In recognition of an exceptional publication in the field of skin toxicology and pharmacology

***Reflections on the OECD guidelines for in vitro skin absorption studies***

***Nancy Hopf, PhD., et al.***

*Regulatory Toxicology and Pharmacology, 2020 Nov; Volume 117*

### **Stratacor Postdoctoral Award:**

In recognition of outstanding postdoctoral candidates for their contribution to skin-related research

***Mechanism mediating the Dermal Inflammation and Toxicity from Phosgene Oxime Exposure***

**Satyendra Singh, PhD (Michigan State University)**

### **Student Research Award:**

In Recognition of an Outstanding Graduate Student Proposal for Skin-related Research

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

**Careen Khachatoorian (University of California, Riverside)**

### **Charles River Student and Postdoctoral Fellow Travel Award:**

In recognition of outstanding students for their contribution to skin-related research

**Swati Sharma, PhD (Michigan State University)**

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

### ***DTSS Webinar***

We are planning to hold a number of webinars in 2021 and 2022 with speakers from industry, academia and our DTSS members/award winners. Dr. Clive Roper will be our first 2022 webinar speaker presenting

**“Dermal absorption and toxicology *in vitro*; what are the tests, how can we use them and where are the innovations?”**

Stay tuned for the webinar and registration information!

If you are interested in presenting a webinar for DTSS or have speaker/topic suggestions, please contact Sara Farahmand at [Farahmand.s@gmail.com](mailto:Farahmand.s@gmail.com).

### ***SOT 2022***

This year DTSS will be sponsoring one workshop at SOT 2022. Congratulations to **Erin Hill and Kristie Sullivan and their speakers** for the selection of their workshop by SOT's Scientific Program Committee. The title of this workshop is **“Building the Toolbox: Three-Dimensional Tissue Constructs as Problem-Solvers”**.

## ***DTSS Business Meeting and Reception***

Tuesday, March 29, 2022. More Information to come!

### ***Call for Candidates!***

DTSS is looking for candidates for the upcoming election of our Section's Executive Committee. We need candidates for **Vice President, Vice President-Elect, Junior Councilor, and Secretary/Treasurer**. The terms begin May 1, 2022. This is an opportunity to develop your leadership skills, serve the interests of the Section, learn the workings of SOT, and meet fellow scientists.

Contact Sara Farahmand at: [farahmand.s@gmail.com](mailto: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***

Our SS has approximately 132 members, yet our graduate student membership is quite low. A quick analysis of our membership reveals we have only 7 graduate student members. To help increase our student membership, SOT Council has allowed us to initiate a three-year 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 Belinda Inscho at [belinda@toxicology.org](mailto:belinda@toxicology.org)** for more information.

### ***DTSS Awards for 2021***

We have several awards that will be presented at our reception during the Annual Meeting. These awards include DTSS Paper of the Year Award, Stratacor Post-doctoral Award, Informa Healthcare Award, and Charles River Student and Postdoctoral Fellow Travel Grants. Deadline for submission is December 12, 2021.

Contact **Michael Southall** at [msoutha@its.inj.com](mailto:msoutha@its.inj.com) for the Informa Healthcare Award and **Gabriel Knudsen** at [gabriel.knudsen@basf.com](mailto:gabriel.knudsen@basf.com) for all other awards. Additional information is available on the DTSS website under [Awards](#).

## *Session Proposals for SOT 2023*

One way to enhance the visibility of our Specialty Section is to sponsor sessions at the Annual Meeting. Chairing (or co-chairing) a session at the Annual Meeting is also an excellent way to develop your own career. Session proposals for the 2023 Annual Meeting will be solicited soon after the 2020 meeting. Start making plans to work with your colleagues to submit session proposals. There are number of session types at the Annual Meeting. Contact **Sara Farahmand** at [Farahmand.s@gmail.com](mailto:Farahmand.s@gmail.com) for more information.

## **Did you know about SOT ToxScholar Program?**

The Committee on Diversity Initiatives (CDI) and Faculty United for Toxicology Undergraduate Recruitment and Education (FUTURE) Committee have a variety of activities to help engage undergraduates in the pursuit of toxicology careers.



**HELP US RECRUIT EMERGING TOXICOLOGISTS!**

SOT ToxScholar program supports presentations to increase awareness of toxicology as a science and as a career field.

At institutions that are

- Primarily undergraduate
- With a high proportion of undergraduates from underrepresented groups
- In countries listed by the World Bank as low or middle income.

**We need YOU to be a ToxScholar. [Apply for funding.](#)**

Faculty United for Toxicology Undergraduate Recruitment and Education (FUTURE) Committee



***See you at the SOT meeting in 2022!***

<https://www.toxicology.org/events/am/AM2021/index.asp>

**SOT SAN DIEGO  
MARCH 27-31**