Greetings to current and future DTSS members!

To begin with, I would like to thank all of the members of the DTSS Executive Council for all of their hard work. This includes Michael Hughes (VP), Neera Tewari-Singh (VP-elect), Tom Lewandowski (Secretary/Treasurer), Zbig Wojcinski (Past President and Councilor), Sara Farahmand (Councilor), Yoke-Chen Chang (Concilor), Laila Al-Eryani (Postdoctoral Representative), and Gabriella Composto-Wahler (Graduate Student Representative). The Executive Council has been looking for ways to increase membership and increase the visibility of the Specialty Section to other members of the SOT. This year, the DTSS has a Continuing Education course at the upcoming Annual Meeting chaired by Mike Hughes and Neera Tewari-Singh and a DTSS-endorsed workshop. The leadership team continues to find new opportunities for the DTSS, and I encourage interested individuals to actively participate in the election process to join this motivated group of dermal toxicologists.

As has been shared by past presidents of the DTSS, growing the Specialty Section is always a priority. Although we are an active Specialty Section, we need to focus on growing the section, especially when it comes to student participation. The DTSS has a number of student and postdoctoral awards available and active involvement of student members helps to propel the success of the Specialty Section for the future. DTSS members are encouraged to engage students at both the graduate and undergraduate levels to foster interest in Dermal Toxicology and in our Specialty Section.

In this edition of the DTSS newsletter you will find our financial report, postdoctoral and graduate
student update, awards opportunities, recent publications by our members, and photos from the reception at last year’s Annual Meeting. I would like to thank everyone who contributed to this newsletter, in particular Neera Tewari-Singh. I would also like to thank our Sponsors for their continued support of dermal toxicology.

I look forward to seeing you all at the 2019 SOT meeting in Baltimore and hope that you will be able to find the time to join us at the DTSS Annual Business Meeting and Reception.

**DTSS Trainee Newsletter Section**

Hello student and postdoctoral members! We hope that 2018 has been a great year for you so far.

The 2018 Annual Meeting in Baltimore began with the Student/Postdoc Mixer on Sunday evening. The Dermal Toxicology Specialty Section (DTSS) displayed a poster at the mixer and representatives Laila Al-Eryani and Gabriella Composto-Wahler interacted with many fellow trainees. The event provided a great forum for inquiry into the work and membership of our specialty section. Trainees also attended the DTSS reception, winning several awards and an iPad mini thanks to our great sponsors.

We look forward to the 2019 Annual Meeting in Baltimore. One of the major events for trainees at the annual meeting is the graduate student/postdoc mixer on Sunday night. This event is a great opportunity to network, learn about SOT groups and programs, and enjoy delicious food. Don’t forget to request a free ticket when registering for the annual meeting! DTSS will display a poster at this event so please stop by and say hi. Additional trainee opportunities at the Annual Meeting include: ‘Chat with an Expert’ sessions, Poster Tours for Trainees, Trainee Discussions with Speakers, and the Tox ShowDown, a game show-style event.

Information for all these opportunities will be posted on the annual meeting website soon. Also, DTSS has several trainee-specific awards; submission information can be found at: https://www.toxicology.org/awards/sot/awards.aspx?Filter=14. Award deadlines are January 15, 2019 so don’t forget to apply! It is our honor to serve as your representatives and we welcome any questions, comments or suggestions regarding our service of DTSS.

Sincerely,

Laila Al-Eryani (Postdoctoral Representative)  
laila.al-eryani@nih.gov

Gabriella Composto-Wahler, Graduate Student Representative, gabrieco@pharmacy.rutgers.edu

**2018 DTSS Awards**

**Postdoctoral Award by Stratacor**
Puneet Vij, MB Research Laboratories, Spinnerstown, PA.  
Title: Human Cell Line Activation Test (h-CLAT): Pitfalls and Considerations.

"Paper of the Year" Award  
Neera Tewari-Singh, University of Colorado Denver, Aurora, CO.  
Title: Cutaneous exposure to vesicant phosgene oxime: Acute effects on the skin and systemic toxicity.

**Battelle Student Research Award**
Gabriella Composto-Wahler, Rutgers, the State University of New Jersey, Piscataway, NJ.  
Title of Project: Nitrogen Mustard Alters Repair in Mouse Skin Epithelium.

**Informa Healthcare Award**
Alain Stricker-Krongrad, Catherine R. Shoemake, Jason Liu, Derek Brocksmith & Guy Bouchard  
Title: The importance of minipigs in dermal safety assessment: an overview.  
Cutaneous and Ocular Toxicology: Volume 36 2017: Issue 2, Pages: 105-113
Student Travel Awards by Charles River
Sarah Phelan, PhD Candidate, Toxicology Training Program, University of Rochester, Rochester, NY

Alicia Richards, UNC-Chapel Hill Graduate Student, National Cancer Institute at NIEHS

DTSS Postdoctoral Travel Awards by Charles River
Debrup Chakraborty, Research Associate, Michigan State University, East Lansing, MI

GSLC Representative Travel Funding
Laila Al-Eryani, Center for Cancer Research, National Cancer Institute, NIH, Bethesda, MD

Congratulations to all of the awardees.

2019 DTSS Awards
Be recognized for your research efforts! DTSS offers a number of award to members, particularly students and post-doctoral fellows. For award information: https://www.toxicology.org/awards/sot/awards.aspx?Filter=14.

Submit awards to Sara Farahmand at sara.farahmand@avon.com by January 15, 2019.


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Net Assets - Start of Year: $8,861
Current Net Assets: $5,849
SOT 2019

Congratulations to Michael Hughes of the US EPA and Neera Tewari-Singh of University of Colorado Denver for the selection of their “Continuing Education” course sponsored by DTSS, by the Scientific Program Committee for presentation at the upcoming Annual Meeting. The title of the continuing Education course is: Beauty of the skin is in the eye of the beholder: a basic course on dermal and ocular toxicology. The course # is PM10 and will be held on Sunday, March 10, 2019 at 1:15 pm.

Congratulations to Andreas Schepky and Sandra Coecke for the acceptance of their Workshop session “In Vitro Static and Dynamic Skin Metabolism Methods and Strategies to Address the Safety Assessment of Topically-Applied Chemicals” sponsored by DTSS. The workshop, WKSP90-03, will be held on Tuesday, March 12, 2019 at 1:00 pm in CC Room 309.

DTSS Business Meeting and Reception
Monday, March 11, 2019
6:00-7:30 pm
Place to be determined.

Call for Candidates!
DTSS is looking for candidates for the upcoming election of our Section’s Executive Council. We need candidates for Vice President-elect, Councilor, Post-doctoral Fellow Representative and Vice Graduate Student Representative. This is an opportunity to develop leadership skills, serve the interests of the Section, learn the workings of SOT and meet fellow scientists. Contact Jeffrey Klein at: JKlein@sinclairresearch.com for more information.

Session Proposals for SOT 2020

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 2020 Annual Meeting will be solicited soon after the 2019 meeting. Start making plans to work with your colleagues to submit session proposals. There are number of session types at the Annual Meeting. Contact Michael Hughes at Hughes.MichaelF@epa.gov or Jeffrey Klein at: JKlein@sinclairresearch.com for more information.

DTSS Website News

Hopefully by now, everyone has had a chance to look at the new DTSS website and see the improved look. Many thanks to Raul Suarez and the SOT web group for designing our new site.

Now that the look is shiny and new, it’s time to update the content. The DTSS needs input from as many people as possible to provide content, let us know what links would be helpful for you, and generally make the site a place that will be a useful resource to our members.

As the website liaison between the DTSS and the SOT, I would like to try and include as many ideas as people have so that the updated website is a reflection of all DTSS members.

Please take the time to think of new ideas and send them on to Jeffrey Klein at: JKlein@sinclairresearch.com to ensure that your voice is heard. I look forward to hearing your ideas so that the website will be as useful as it is nice to look at.

Meetings of Interest

American Academy of Dermatology
March 01-05, 2019, Washington, DC
https://www.aad.org/meetings/annual-meeting

Perspectives in Percutaneous Penetration
April 14-17, 2020, La Grande Motte, France

International Society for Biophysics and Imaging of the Skin
2020 International Meeting, Berlin, Germany
Publications of DTSS Members


Differentially Expressed mRNA Targets of Differentially Expressed miRNAs Predict Changes in the TP53 Axis and Carcinogenesis-Related Pathways in Human Keratinocytes Chronically Exposed to Arsenic. Laila Al-Eryani, Sabine Waigel, Ashish Tyagi, Jana Peremarti, Samantha F Jenkins, Chendil Damodaran, J C States; Toxicological Sciences, Volume 162, Issue 2, 1 April 2018, Pages 645–654, https://doi.org/10.1093/toxsci/kfx292


Senior Councilor David Aremu presenting the Informa Healthcare award to Alain Stricker-Krongrad

Senior Councilor David Aremu presenting “Best Paper of the Year” Award to Neera Tewari-Singh

Senior Councilor David Aremu presenting Battelle Student Research Award to Gabriella Composto-Wahler

Past President Douglas Learn presenting “Student travel Award by Charles River” to Sarah Phelan

Past President Douglas Learn presenting “Student travel Award by Charles River” to Alicia Richards
Past President Douglas Learn presenting “Postdoc travel Award by Charles River” to Debrup Chakraborty

Douglas Learn, Jeff Klein, Neera Tewari-Singh, Puneet Vij, Gabriella Composto-Wahler, Sarah Phelan, Alicia Richards, Debrup Chakraborty, David Aremu, Zbigniew Wojcinski

See you in Baltimore!