

DTSS RECEPTION

Dermal Toxicology Specialty Section

Reception

March 29, 6-7:30 PM, 2022



Dermal Toxicology Specialty Section
OF THE SOCIETY OF TOXICOLOGY



Current Officers

President
Sara Farahmand,
PharmD, PhD



Vice President
Vice President-Elect

Secretary/Treasurer
Yoke-Chen Chang, PhD



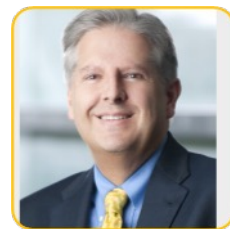
Past President
Neera Tewari-Singh, MS, PhD



Senior Councilor
Gabriel Knudsen, PhD, DABT



Councilor
Michael D. Southall, PhD



Current Representatives

- Postdoctoral Representative

Satyendra Singh, PhD



- Graduate Student Representative

Valeria Cota



Thank You to DTSS Officers Rotating off the Committee!

Yoke-Chen Chang

Neera Tewari-Singh

Gabriel Knudsen



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Congratulations to New DTSS Officers!

Vice President

- **Kim Norman**

Vice President-Elect

- **Sarah Gilpin**

Secretary/Treasurer

- **James Coleman**

Councilor

- **Prajakta Shimpi**

Thanks to All Our Sponsors



DTSS Activities 2021-2022

- **Sponsored workshop at 2022 Annual Meeting**

Building the Toolbox: Three Dimensional Tissue Constructs as Problem-Solvers

Tuesday March 29th (8:00 AM – 10:45 AM)

Chair(s): Erin Hill, IIVS; and Kristie Sullivan, PCRM

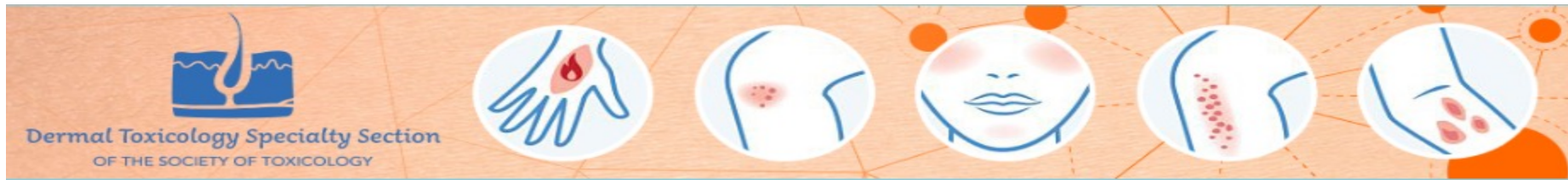


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DTSS Activities 2021-2022

- **Program to Sponsor Graduate Student Memberships**
- **Website updates**
- **Webinar with Clive Roper:** Dermal Absorption and Toxicology *In Vitro*; What are the Tests, How Can We Use Them and Where are the Innovations?
- **DTSS Newsletter and poster**
- **Reviewed several proposals and papers for DTSS awards**



Skin and Dermal Toxicity Session

Poster Session:

Skin and Dermal Toxicity Chair: Hong Duck
Kim, New York Medical College

Monday March 28 (9:00AM-10:45 AM)

Upcoming Webinar

Dermal Toxicology Webinar

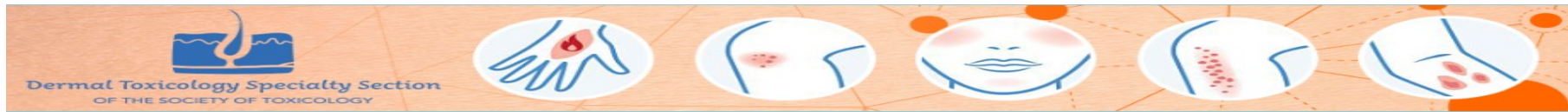
Title: International Advances in Alternatives and a Next Generation Risk Assessment Case Study for Skin Allergy

Date and Time: Tuesday, April 19, 2022 at 12:00 Noon ET

Speaker: Speaker: Georgia Reynolds, MSc
Mechanistic Safety Scientist—Skin Allergy Platform Lead at Unilever

Speaker: Nicole Kleinstreuer, PhD
NICEATM Director (Acting) at National Institute of Environmental Health Sciences (NIEHS)

Registration is required.



Secretary/Treasurer's Report



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Secretary/Treasurer's Report

- As of March 1, 2021, DTSS currently has 128 members (8 students, 3 post-doctoral fellows).
- At the end of 2020, DTSS had cash reserves of \$8,704
Compared to \$3,880 at the end of 2019
Current reserve is sufficient to cover the annual reception and student awards
- We encourage members to consider contributing to DTSS
Send contributions to SOT, c/o Belinda Inscho and specifically note DTSS

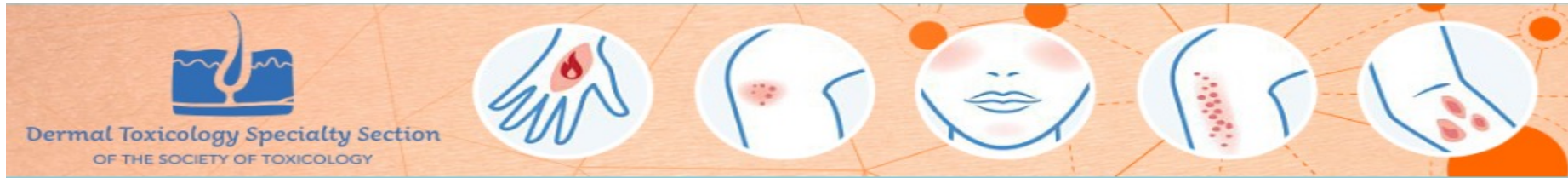


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Special Program to Recruit Graduate Student Members

- The DTSS is offering a membership program to 6 graduate students for free membership to the specialty section
- If you have a lab colleague who might be interested in becoming a DTSS graduate student member, encourage them to contact Bo Inscho at SOT headquarters



Session proposals for SOT 2023

- Symposia
- Workshops
- Roundtable
- Informational Session
- Continuing Education

Contact for more information or send proposals to Sara Farahmand at farahmand.s@gmail.com or Kim Norman at kimberlygailnorman@gmail.com for feedback from DTSS.

Please send proposals two-three weeks before the final deadline for SOT proposal submissions.



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Award Presentations

- **Informa Healthcare Award**
- **DTSS Paper of The Year Award**
- **Stratacor Postdoctoral Award**
- **Edgewell Personal Care Postdoctoral Award**
- **Edgewell Personal Care Student Award**



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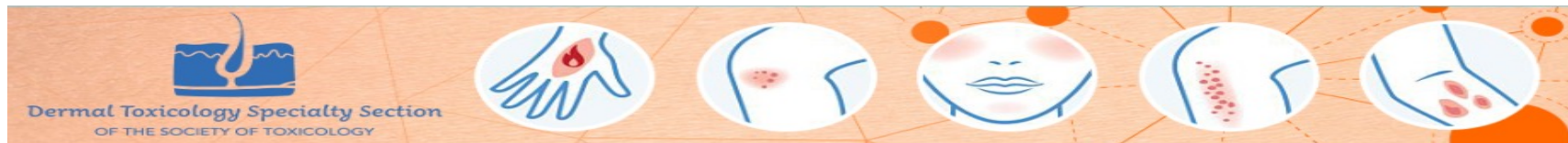
Informa Healthcare Award

In recognition of the best paper in dermal toxicology published
in 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

Dawei Wang , Qing Li , Yue Wang , Yuanchun Jiang
Cutaneous and Ocular Toxicology, 2021 Dec;40(4):293-299.



Paper of The Year Award

In Recognition of an Exceptional Publication in the Field of
Skin Toxicology and Pharmacology

Anneliese Striz, PhD et al.

“Cytotoxic, genotoxic, and toxicogenomic effects of
dihydroxyacetone in human primary keratinocyte”



Stratacor Postdoctoral Award

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

Alexandra Nail, PhD

“Chronic Arsenic Exposure Reduces DNA
Damage Response Activation in Human
Keratinocytes”



Edgewell Personal Care Postdoctoral Award

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

Neha Mishra

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

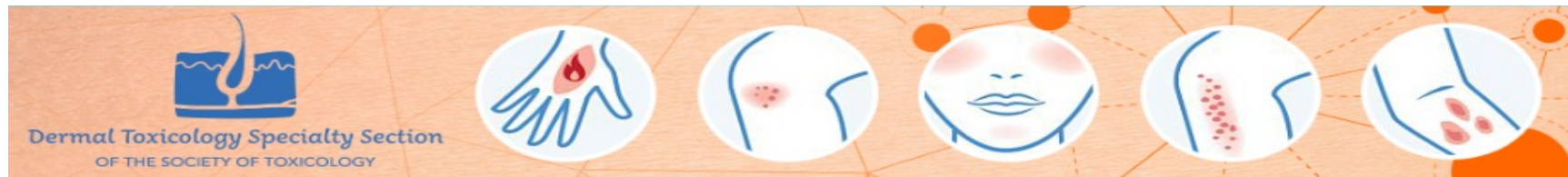


Edgewell Personal Care Student Award

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

Gisselle Rodriguez

Toxic Effects of Cosmetic Products through Epigenetic
Reprogramming of Dermal Stem Cells



Award Winners 2021



Informa Healthcare Award

Anti-inflammatory effect of Arnica Montana in a UVB radiation-induced skin-burn model in mice **J. da Silva, et al.** *Cutaneous and Ocular Toxicology*, 2020 Jun;39(2):126-133.

DTSS Paper of the Year Award

Nancy Hopf, PhD., et al. *Reflections on the OECD guidelines for in vitro skin absorption studies.* *Applied In vitro Toxicology*, 2019 Sep; 5(3): 134-149.

Stratacor Postdoctoral Award

Satyendra Singh, PhD . Mechanism mediating the Dermal Inflammation and Toxicity from Phosgene Oxime Exposure



Award Winners 2021



Student Research Award

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

Charles River Student and Postdoctoral Fellow Travel Awards

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



Closing Remarks

thank
YOU



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