

**ANNUAL REPORT: 2019-2020**

May 1, 2019 to April 30, 2020

**I. Officers/Committees:**

<u>Officers</u>	<u>2019-2020</u>	<u>2020-2021</u>
President:	Dinah Misner	Yu Zhong
President-Elect:	Marie Lemper	Brandon D. Jeffy
Vice President:	Yu Zhong	Marie Lemper
Secretary:	Satoko Kiyota	Satoko Kiyota
Treasurer:	Satoko Kiyota	Satoko Kiyota
Past President	Howard Mellor	Dinah Misner
Councilors:	Howard Mellor	Dinah Misner
	Marianna Stamou	Pankajini Mallick
	Pankajini Mallick	Kai Wu
PDA Representative:	Monica R. Langley	Monica R. Langley
Grad Student Representative:	Siennah Miller	Siennah Miller
Committees:	If applicable.	

**II. 2019 Membership total: 324**

**III. Key Outcomes in 2019-2020:**

**Activities:**

- A. 2020 SOT Annual Meeting Virtual Activities: DDTSS was the primary endorser for the following SOT Webinar  
Title: *In Vitro* Microphysiological Systems: Developing Tools to Evaluate Immunotoxicity of Drug Candidates  
Date and time: Wednesday, May 27, 2020 at 1:00 pm EDT
- B. 2020 Awards Information:
  - 1<sup>st</sup> place Student Poster Competition – Siennah Miller
  - 2<sup>nd</sup> place Student Poster Competition – Sharavan Ramachandran
  - 3<sup>rd</sup> place Student Poster Competition – Alkeiver Cannon
  - 1<sup>st</sup> place Postdoctoral Poster Competition – Sarah Carratt
  - 2<sup>nd</sup> place Postdoctoral Poster Competition – Souvarish Sarkar
  - 3<sup>rd</sup> place Postdoctoral Poster Competition – Leah Norona
- Paper of the Year Award – Shidal, C., Singh, N., Nagarkatti, P. and Nagarkatti, M. (2019) MicroRNA-92 Expression in CD133+ Melanoma Stem Cells Regulates Immunosuppression in the Tumor Microenvironment via Integrin-Dependent Activation of TGFβ. Cancer Research 79:3622-3636.

C. Other Educational Activities Conducted: Following two webinars were hosted by the DDTSS in 2019-2020.

**CTSS and DDTSS Co-Sponsored Webinar: Artificial Intelligence in the Design of Safer Medicines—Science or Science Fiction?**

Date and time: Thursday, June 25, 2020 at 11:00 am EDT

Speaker(s): Nigel Greene, Director, Imaging and Data Analytics, Clinical Pharmacology & Safety Sciences, AstraZeneca

**DDTSS Webinar: Nonclinical Safety Strategies for Gene Therapy**

Date and time: Tuesday, February 25, 2020 at 11:00 am EDT

Presenters: Timothy MacLachlan, Executive Director, PCS TA Head, New Indications Discovery Unit, Novartis; Kelly Flagella, Executive Director Toxicology at Ultragenix

Moderators: Marie Lemper, Principal Scientist Non-Clinical Safety Assessment, UCB; Zoe Zhong, Principal Scientist, Safety Assessment Toxicology, Genentech

D. Communication Activities:

Newsletter publication frequency: Fall 2019 Newsletter was sent out to the DDTSS membership on March 3<sup>rd</sup>, 2020

Key Announcements/blogs: DDTSS LinkedIn group was created to provide another online platform for scientists to know about DDTSS and its activities

Website highlights: The number of DDTSS members and award listings on the DDTSS website were recently updated to reflect changes, including a contact and submission deadline for each award

E. Mentoring activities: N/A

**V. Feedback and Ideas:**

A. 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?): N/A

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

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

What changes does your component group anticipate making in the way in which it operates in the coming year?: N/A