

Immunotoxicology Specialty Section

ANNUAL REPORT: 2020-2021

May 1, 2020 to April 30, 2021

I. Officers/Committees:

<u>Officers</u>	<u>2020-2021</u>	<u>2021-2022</u>
President:	Mark Collinge	Florence G. Burleson
Vice President:	Florence G. Burleson	Berran Yucesoy
Vice President-Elect:	Berran Yucesoy	Marie-Soleil Piche
Secretary:	Randle M. Gallucci	Andrew Gow
Treasurer:	Randle M. Gallucci	Andrew Gow
Past President	Emanuela Corsini	Mark Collinge
Councilors:	Emanuela Corsini	Mark Collinge
	Alessandro Venosa	Alessandro Venosa
	Allison Ehrlich	Amy Sharma

PDA Representative: Thea N. Golden Valentina Galbiati

Grad Student Representative: Alexa Murray Cassandra Houser

Awards Committee: Chair - Allison Ehrlich

Communication and Membership Committee: Co-Chairs - Alessandro Venosa and Alexa Murray

Education Committee: Chair - Berran Yucesoy

Program Committee: Chair - Florence Burleson

Scientific Advisory Committee:

Chair: Emanuela Corsini

Mark Collinge

Florence Burleson

Berran Yucesoy

II. 2020 Membership total: 354

III. Key Outcomes in 2020-2021:

- A. Significant immunotoxicology presence at virtual 2021 Annual Meeting with respect to sponsored sessions and posters
- B. Recognition of excellence in immunotoxicology through Specialty Section awards
- C. Preparation for 2022 Annual Meeting (collecting/scoring/endorsing proposals for the 2022 Annual Meeting)

IV. Activities:

- A. **2021 SOT Virtual Annual Meeting Activities** (e.g., courses, scientific sessions, or virtual receptions):

Immunotoxicology Specialty Section Virtual Meeting

Date and Time: Monday, March 15, 2021 from 4:15 pm – 5:45 pm ET

Summary: The ITSS virtual event included an annual business meeting and networking session. In addition, updates on the past year's achievements were announced, and the 2021 ITSS award recipients were honored, and the new officers introduced.

B. 2021 Awards Information:

Best Presentation by a Student Award

Kathryn Wierenga

Michigan State University

Phenotypic stability and application of a self-replicating murine alveolar macrophage model derived from fetal liver

Best Presentation by a Postdoctoral Trainee Award

Lichchavi Rajasinghe, PhD

Michigan State University

Incorporation of Cell Membrane Phosphatidylserine with Oxidizable Polyunsaturated DHA Potentiates Clearance of Toxicant-Induced Cellular Corpses by Alveolar Macrophages

Best Paper of the Year

Regulation of Lung Macrophage Activation and Oxidative Stress Following Ozone Exposure by Farnesoid X Receptor. Mary Francis, Grace Guo, Bo Kong, Elena V. Abramova, Jessica A Cervelli, Andrew J. Gow, Jeffrey D. Laskin, and Debra L. Laskin. Toxicological Sciences, 177(2), 2020, 441-453

Mitzi and Prakash Nagarkatti Research Excellence in Immunotoxicology Travel Award

Yining Jin, PhD

Professor of Toxicology

Department of Pharmacology and Toxicology

Michigan State University

Outstanding Young Investigator Award

Alessandro Venosa, PharmD, PhD

Assistant Professor

Department of Pharmacology and Toxicology

Outstanding Senior Investigator Award

Paige Lawrence, PhD

Wright Family Research Professor and Chair,

Department of Environmental Medicine, Director, Environmental Health and Science Center,

Professor of Microbiology & Immunology

University of Rochester School of Medicine and Dentistry

Vos Lifetime Career Achievement Award in Immunotoxicology

Emanuela Corsini, PhD

Professor of Toxicology

Department of Environmental Sciences and Policies

University of Milan

C. 2021 SOT Annual Meeting Courses/Sessions

Workshop:

Applicability Domains and Future of Nonanimal Tests for Skin Sensitization

Chair: Victor Johnson, Bureson Research Technologies

Co-Chair: Marc Pallardy, Université Paris-Saclay

CE Course:

Timing Is Everything: Role of Aging in Immune Responses and Toxicological Implications

Chair: Emanuela Corsini, Università degli Studi di Milano, Italy

Co-Chair: Florence Bureson, Bureson Research Technologies

D. Other Educational Activities Conducted (e.g., webinars, in person meetings): N/A

E. Communication Activities:

1. Newsletter publication frequency: December 2020 and April 2021
2. Highlight of Website enhancements: The ITSS website has been maintained and updated as needed.

F. Mentoring activities:

The 2021 Annual Meeting Mentorship event was not conducted due to the virtual format of the meeting.

Other Activities

1. Continued to hold monthly teleconferences of Executive Committee members and maintained meeting minutes for teleconferences.
2. Maintained a DropBox account for ITSS document sharing and storage for Executive Committee business. Allows for continuity from outgoing to incoming Executive Committee.
3. Maintained ITSS membership in the 2020-2021 term.
4. Finalized ITSS by-laws
5. Engaged with the Society for Immunotherapy of Cancer (SITC) to explore partnering in areas of shared interest. Identified immuno-oncology as an area for potential collaboration, perhaps through webinar sessions etc. Communications to continue
6. Discussed potential areas for proposal development regarding contemporary concepts in toxicology with the SOT collaborative committee.
7. Engaged in discussions with HESI-Immunotoxicology Technical Committee regarding outreach to early career scientists to highlight career paths in immunotoxicology specifically. Ongoing discussion regarding a potential joint Career Webinar Teleconference or joint activity at the SOT annual meeting

V. Feedback and Ideas:

- A. **In what ways is your group fostering and maintaining an inclusive environment?**
Maximized as much as possible the number of candidates considered for Executive Committee positions and awards. Ensured every voice is heard in committee meetings,

through solicitation of input from all members. Ensured announcements of educational opportunities, award information and other news of relevance is shared with the ITSS membership through specific communications and newsletters. Provided support/input to SOT members seeking endorsement from ITSS (help enhance their proposals)

- B. **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?):**

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

Increased support for the arrangement of activities such as webinars, educational activities? Increasing connections with global partners?

- C. **What is one thing that the Society is currently doing that impacts your component group that should be changed (e.g., stopped, modified, etc.)?**

None

- D. **What changes do your component group anticipate making in the way in which it operates in the coming year?**

None