Immunotoxicology Specialty Section

ANNUAL REPORT: 2020-2021
May 1, 2020 to April 30, 2021

I. Officers/Committees:

<table>
<thead>
<tr>
<th>Officers</th>
<th>2020-2021</th>
<th>2021-2022</th>
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<tbody>
<tr>
<td>President:</td>
<td>Mark Collinge</td>
<td>Florence G. Burleson</td>
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<td>Vice President:</td>
<td>Florence G. Burleson</td>
<td>Berran Yucesoy</td>
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<td>Vice President-Elect:</td>
<td>Berran Yucesoy</td>
<td>Marie-Soleil Piche</td>
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<td>Secretary:</td>
<td>Randle M. Gallucci</td>
<td>Andrew Gow</td>
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<td>Treasurer:</td>
<td>Randle M. Gallucci</td>
<td>Andrew Gow</td>
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<td>Past President</td>
<td>Emanuela Corsini</td>
<td>Mark Collinge</td>
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<td>Councilors:</td>
<td>Emanuela Corsini</td>
<td>Mark Collinge</td>
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<tr>
<td></td>
<td>Alessandro Venosa</td>
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<td></td>
<td>Allison Ehrlich</td>
<td>Amy Sharma</td>
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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, Burleson 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 Burleson, Burleson 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.
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 it operates in the coming year?
None