In Vitro and Alternative Methods Specialty Section

ANNUAL REPORT: 2021-2022
May 1, 2021 to April 30, 2022

I. Officers/Committees:

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<th>Officers</th>
<th>2021-2022</th>
<th>2022-2023</th>
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<tr>
<td>President</td>
<td>Sean C. Gehen</td>
<td>Kathryn E. Page</td>
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<td>Vice President</td>
<td>Kathryn E. Page</td>
<td>Kristie M. Sullivan</td>
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<td>Vice President-Elect</td>
<td>Kristie M. Sullivan</td>
<td>Samantha C. Faber</td>
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<td>Secretary</td>
<td>Helena T. Hogberg</td>
<td>Sebastian Hoffmann</td>
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<td>Treasurer</td>
<td>Helena T. Hogberg</td>
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<td>Past President</td>
<td>Kelly P. Coleman</td>
<td>Sean C. Gehen</td>
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<td>Councilors</td>
<td>Samantha C. Faber</td>
<td>Mercedes Salvador-Silva</td>
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<td>Mercedes Salvador-Silva</td>
<td>Lauren Lewis</td>
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PDA Representative: Megan E. Culbreth   Melissa M. Martin

Grad Student Representative: Amanda Dhaneshwar   Lucie Ford

Committees: If applicable.

II. 2021 Membership total: 435

III. Key Outcomes in 2021-2022:

A. High quality, well attended webinars
B. Best Paper & Elsevier Best Poster Awards created
C. Return to in-person SOT reception
D. Virtual mentoring event

IV. Activities:

A. 2022 SOT Virtual Annual Meeting Activities:

In Vitro and Alternative Methods Specialty Section Reception

Date and Time: Tuesday, March 29, 2022 from 6:00 – 7:30 PM PT
Summary: This was the first in-person IVAMSS business meeting and reception in three years. The meeting included the Year in Review, membership update, Treasurer’s report, awards and recognition. The meeting was well attended and served as a great opportunity for networking and catching up with colleagues.

B. 2022 Awards Information:

Graduate Student Award – Sabina Burlă-Mihăescu, Luxembourg Institute of Science and Technology, for “An In Vitro Test System for the Prediction of Chemical Respiratory Sensitizers and Irritants”
Postdoctoral Award – Dr. Anna Kreutz, Oak Ridge Institute for Science & Education, for “In vitro-in vivo extrapolation (IVIVE) for neurodevelopment: Toxicokinetics and in vitro point of departure evaluation of putative developmental neurotoxicants”

MB Research Award- Dr. Julia Herbert, Rutgers University, for “Toxicity of E-cigarette Menthol Flavoring in a Precision Cut Lung Slice Model of Chronic Pulmonary Disease”

Best Poster Award – Pellevoisin, F. Cottrez, J. Johansson, E. Pedersen, K. Coleman, and H. Groux, for “Pre-validation of SENS-IS Assay for In Vitro Skin Sensitization of Medical Devices”

Elsevier Best Poster Award- M. Culbreth, J. Nyffeler, C. Willis, and J. A. Harrill, for “Optimization of an animal component-free system for high-throughput phenotypic profiling of human neural progenitor cells”


C. Other Educational Activities Conducted (e.g., webinars, in person meetings):

IVAMSS Webinar: Inhalation Toxicity: In Vitro to Human Risk Assessment
**Date:** January 27, 2022
**Duration:** 1.5 hour
**Speaker 1:** Dr Shaun McCullough
**Speaker 2:** Dr Iris Muller
**Speaker 3:** Dr Maria Baltazar

IVAMSS Webinar: 2021 Student & Postdoc Awardees
**Date:** July 21, 2021
**Duration:** 1.0 hour
**Speaker 1:** Sherri Bloch
**Speaker 2:** Dr Alysha Simmons

IVAMSS and CTSS Co-sponsored Webinar:
State of the Science: QSAR Modeling of Skin Sensitization
**Date:** May 19, 2021
**Duration:** 75 minutes
**Speaker 1:** Vinicius Alves, PhD, Researcher Assistant Professor, Division of Chemical Biology and Medicinal Chemistry, University of North Carolina at Chapel Hill
**Speaker 2:** Emily Golden, MS Graduate Student, center for alternatives to Animal Testing, Johns Hopkins University
**Speaker 3:** Glenn Myatt, PhD, CEO, Leadscope, Inc.
D. Communication Activities:
1. Newsletter publication: Spring 2022
2. Survey conducted during Annual Meeting Reception using Slido; results were recorded and will be used to plan future events and communications
3. The IVAMSS website has been maintained and updated as needed.
4. IVAMSS LinkedIn page created in 2021 and updated periodically
   https://www.linkedin.com/company/ivamsot/

E. Mentoring activities:
   IVAM held a virtual “Meet the Experts” mentoring event June 17, 2022.

F. 2023 SOT Annual Meeting Courses/Sessions:
   Reviewed 23 session proposals submitted in April 2022 for the 2023 Annual Meeting. IVAM endorsed 17.