



Scientific Liaison Coalition (SLC) Annual Report *July 2018-June 2019*

SLC Mission

The mission of the Scientific Liaison Coalition (SLC) is to improve and enhance human and environmental health by promoting and strengthening scientific partnerships and expanding the reach of member societies.

The primary guiding principle of the SLC is that greater collaboration between scientists across sectors (academia, industry, government) and disciplines advances the science that can be used to directly improve public and environmental health.

The SLC actualizes its mission as a nimble coalition of scientific, biomedical, and health-based societies working collaboratively on cutting-edge webinars, conferences, and scientific symposia and continuing education courses at scientific meetings.

Organizations interested in joining the SLC may contact Heather Carskaddan, hcarskaddan@aim-hq.com 703.438.3115 ext. 1606.

<https://www.toxicology.org/slc.asp>



SLC Accomplishments and Activities, July 2018-June 2019

FutureTox IV Progress to Maturity: Predictive Developmental and Reproductive Toxicology for Healthy Children

November 14–16, 2018, Westin Hotel Crystal City, Arlington, Virginia



FutureTox IV Progress to Maturity: Predictive Developmental and Reproductive Toxicology for Healthy Children focused on bringing together basic, clinical, and regulatory scientists to bridge the translation from historical approaches to Tox21 implementation relative to risk assessment and regulatory decision-making for matters pertaining to developmental health, lifestage progression, and the human reproductive cycle. The meeting also looked at implementing the 21st-century vision and regulatory considerations relevant to commercial chemicals in the environment and medical products for guidance based on new results. Further details may be found at: <http://www.toxicology.org/events/shm/cct/futuretoxiv.asp>

The concept for this Society of Toxicology-hosted conference originated within the SLC and was chaired by SLC At-Large Representative Thomas B. Knudsen, PhD, US Environmental Protection Agency National Center for Computational Toxicology. In recognition of the SLC's involvement in the development of the conference, the SLC was recognized as a Diamond Level sponsor. Four other SLC member societies signed on and were recognized as Silver (STP) and Contributor (AACT, STP, Teratology) level sponsors.

The SOT FutureTox series focuses on building the road for 21st-century toxicology and risk assessment practices, utilizing *in vitro* data and *in silico* models for predictive toxicology, and taking the high-throughput risk assessment paradigm forward to address challenges in implementing the emerging big-data toolbox for risk assessment and regulatory decision-making.



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Webinars

The SLC hosted three webinars between July 2018 and June 2019. Live SLC-hosted webinars are open to members of SLC member societies only, as a benefit of membership. Full recordings as well as descriptions of these webinars are available to anyone on the SLC website: <https://www.toxicology.org/slc.asp>

Maternal Morbidity and Mortality: A Primer on the Problem, and What We Can Do About It

Tuesday, February 5, 2019, 11:00 AM–12:30 PM ET USA

Presented by Suzan Carmichael, PhD, Stanford School of Medicine and Emma Roberts, MPH, Hartford Hospital

Practical Application of Systematic Review in Preclinical Research and Risk-based Assessments

Tuesday, November 27, 2018, 11:00 AM–12:30 PM ET USA

Presented by Katya Tsaoun, PhD, Johns Hopkins Center for Alternatives to Animal Testing, Bloomberg School of Public Health; Kim Wever, PhD, Radboud University Medical Center; and Daniele Wikoff, PhD, ToxStrategies

Introduction to Systematic Review and Their Application in Chemical Risk Assessment across the Atlantic: US EPA and European Food Safety Authority Experience

Tuesday, September 11, 2018, 11:00 AM–12:30 PM ET USA

Presented by Katya Tsaoun, PhD, Johns Hopkins Center for Alternatives to Animal Testing, Bloomberg School of Public Health; Kristina Thayer, PhD, US Environmental Protection Agency, National Center for Environmental Assessment; Elisa Aiassa, PhD, European Food Safety Authority; and Anna F. Castoldi, European Food Safety Authority



SLC Collaboration and Networking

On November 13-14, 2018, a Scientific Liaison Coalition Summit was convened in Arlington, Virginia. The purpose of the Summit was to evaluate the SLC's progress since its establishment in 2011 growing out of the SOT Scientific Liaison Task Force established in 2008; to identify strategic priorities and activities for the future; and to provide networking opportunities to SLC member societies and potential new members. Additionally, the SLC Summit included a special lecture, "The Nexus of Science and Policy", featuring guest speakers Sarah A. Khasawinah, PhD, Senate Special Committee on Aging, and Michael Parr, HillStaffer.

A second face-to-face meeting of the SLC took place on Sunday, March 10, 2019, at the Society of Toxicology Annual Meeting in Baltimore, Maryland. At this half-day meeting, representatives from member societies convened to further develop and focus priorities that came out of the SLC Summit. Four topical workgroups (big data, gene-editing, occupational exposures, and vaping) were established for further development of projects and activities. Additionally, the proposal for ***FutureTox V—New Approaches to Organ-Specific Toxicity and the Data They Generate*** was discussed, and subsequently a refined proposal for Fall 2020 was submitted to SOT.

In addition to these meetings, the SLC convened nine conference calls to foster ongoing communication and to generate ideas for future initiatives.



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SLC Member Societies and Representatives as of May 2019

**American Academy of Clinical
Toxicology**

John G. Benitez
Kirk L. Cumpston
Kenneth E. McMartin

American College of Toxicology

David R. Compton
Anthony L. Kiorpes

**American Industrial Hygiene
Association**

Robert A. Nocco
Andrew Maier

**Environmental Mutagenesis and
Genomics Society**

Rosalie K. Elespuru
Catherine F. Gibbons

International Union of Toxicology

Silvia B.M. Barros
Lijie Fu

North American 3Rs Collaborative

Alan M. Hoberman

Safety Pharmacology Society

Susan M. Goody
Mary Jeanne Kallman

Society for Risk Analysis

Vacant

Society of Toxicologic Pathology

Susan Emeigh Hart
Kevin Keane
Kevin S. McDorman

Society of Toxicology

Laurie C. Haws
George M. Woodall, Jr.

Teratology Society

John M. DeSesso
Linda G. Roberts
Mary Alice Smith

The Toxicology Forum

Cody L. Wilson
Mark F. Miller

At-Large Representatives

Thomas B. Knudsen
Donna L. Mendrick

SLC Leadership as of May 2019

Hanan N. Ghantous, SLC Chair (May 2019-April 2020)
Kenneth L. Hastings, SLC Past Chair (Chair April 2018-May 2019)
Anne H. Chappelle, SLC Incoming Chair (Chair May 2020-April 2021)