



Scientific Liaison Coalition (SLC) Annual Report *June 2014-2015*

Current Participating SLC Organizations

American Association for Cancer Research (AACR)
American Academy of Clinical Toxicology (AACT)
American College of Medical Toxicology (ACMT)
American College of Toxicology (ACT)
The Endocrine Society (ENDO)
Environmental Mutagenesis and Genomics Society (EMGS)
International Society for the Study of Xenobiotics (ISSX)
Safety Pharmacology Society (SPS)
Society of Environmental Toxicology and Chemistry (SETAC)
Society of Risk Analysis (SRA)
Society of Toxicologic Pathology (STP)
Society of Toxicology (SOT)
Teratology Society (Teratology)

Current SLC Governance Committee (SLCGC)

Florence G. Burleson (ACT), *Chair*
Donna L. Mendrick (SOT), *Incoming Chair, Coalition Society Representative, At-Large*
Mary Jeanne Kallman, (SPS) *Immediate Past Chair*
Kevin S. McDorman (STP), *Past Chair*
Rosalie K. Elespuru (EMGS), *Coalition Society Representative*
Rosonald R. Bell (SOT Council Contact), *Society Representative*
Kenneth L. Hastings (SOT), *Coalition Society Representative*
Thomas B. Knudsen (Teratology), *Coalition Society Representative, At-Large*
Kenneth E. McMartin (AACT), *Coalition Society Representative*
Marcia G Lawson (AIM, Inc.), *SLC Administrator*

Current SLC Representatives

AACR: Thomas W. Kensler

AACT: Kenneth E. McMartin

ACMT: Stephen Munday
Suzanne R. White

ACT: Mary Ellen Cosenza
Joe Francisco

EMGS: Rosalie K. Elespuru
Catherine F. Gibbons

ISSX: Steven C. Kemp

SPS: Mary Jeanne Kallman

SETAC: Patrick D. Guiney

SRA: John R. Fowle, III

STP: Susan Eighme Hart
Arun Pandiri
Charles Wood

SOT: Kenneth L. Hastings
Laurie C. Haws
Paul B. Watkins

At-Large: Thomas B. Knudsen
Donna L. Mendrick

Teratology: John M. DeSesso
Mary Alice Smith
Tacey E.K. White



SLC Charge:

Mission: Improving the ability of societies to partner with other domestic and international organizations that have objectives consistent with the goal of increasing the impact of the science of toxicology to improve public health.

- Strengthening partnerships among scientific and health-based organizations to increase awareness of the impact of toxicology and related subjects on human health
- Functioning as a means to enhance cooperation among societies as equals with the goal of accomplishing tasks benefiting human health and disease prevention through joint and shared activities

Cutting-Edge Scientific Exchanges

The representatives of the participating societies of the SLC hold a conference call on the second Tuesday of each month to share topics of mutual interest and to plan for collaborative endeavors aligned with the mission of the SLC. From these conference calls and the twice yearly face-to-face meetings, the SLC representatives have fostered the development and implementation of an array of activities that benefit all of the members of this ad hoc coalition.

Raising Awareness About the SLC

The SLC website (<http://www.toxicology.org/ms/slc/slc.asp>) was launched in 2014 and provides a portal to raise awareness about the individual societies and their collaborative activities. In addition, a tiered dues structure was developed to help sustain and grow this coalition.

For the SOT 2015 Annual Meeting, the SLC participated in the SOT Global Gallery of Toxicology, which included 46 societies from around the world. The poster developed for that event is traveling to the meetings of the representative societies.

Major Conference Development

FutureTox II Contemporary Concepts in Toxicology (CCT) conference was held January 16–17, 2014, Friday Center, University of North Carolina, Chapel Hill. FutureTox II drew 291 presenters, attendees, and exhibitors from around the globe (Europe, Asia, and South American) as well as over 150 webinar attendees who participated through nine sites, including the US Food and Drug Administration (two locations), US Environmental Protection Agency (two locations), Health Canada (two locations), California EPA (two locations), and the University of Washington. Because of the success of this meeting, the SLC received a share of the conference proceeds to support its activities. This \$40,000 will help foster the mission of the SLC.

Upcoming Conference



FutureTox III: Bridges for Translation—Transforming 21st Century Science into Risk Assessment and Regulatory Decision-Making will be held November 19–20, 2015, at the Hilton Crystal City at Washington Reagan National Airport, Arlington, Virginia. This conference was developed by the Scientific Liaison Coalition (SLC) and associated stakeholders and follows the well-received FutureTox II Contemporary Concepts in Toxicology conference also initiated by the SLC.

The overarching objectives of the meeting are toward:

- Advancing the cornerstones for high-throughput risk assessment through exploration and discussions with multiple stakeholders
- Taking Toxicity Testing into the 21st Century (TT21C) *in vitro* and *in silico* models while reducing reliance on animal testing
- Exploring progress and identifying challenges in implementing the emerging “big-data” toolbox for risk assessment and regulatory decision-making

The conference will include plenary sessions by invited speakers, a poster session, and topical breakout groups. For more information and to register, please visit the FutureTox III website

https://www.toxicology.org/ai/meet/cct_futureToxIII/cct_futureToxIII.asp



SLC Webinar Series

- On October 1, an SLC Webinar Series was launched with the Progress Made on Tox21: A Framework for the Next Generation of Risk Science presented by Daniel Krewski. Dr. Krewski served as Chair of the National Research Council's Committee on Toxicity Testing and Assessment of Environmental Agents, which published the influential report, "Toxicity Testing in the 21st Century: A Vision and a Strategy," in June of 2007. This webinar was open to members of the participating societies and was well-attended (approximately 400 participants).
- On February 4, the second SLC webinar, Prediction is Very Difficult, Especially if it is About the Future: How Well Does Toxicology Testing Predict Clinical Outcomes, was presented by Thomas W. Jones. Dr. Jones is the Chief Scientific Officer, Toxicology and Pathology, Eli Lilly and Company. He is currently Past-Chair of the Preclinical Safety Leadership Group within the International Consortium for Innovation and Quality in Pharmaceutical Development. He also serves as the nonclinical safety representative for the Development Special Emphasis Panel supporting the National Cancer Institute Experimental Therapeutics (NExT) Program. This webinar was open to members of the SLC participating societies and was well attended (710 participants).
- On Tuesday, April 28 the webinar, Gatekeeper and Watchman: the Microbiome Enters the Picture, was presented by Ellen Silbergeld, Professor, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland. Microbial communities are found at multiple human body sites. Collectively, an individual's "microbiome" is now recognized as a key determinant in human health and well-being, including development. The research and professional activities of Dr. Silbergeld bridge science and policy, with a focus on the incorporation of mechanistic toxicology into environmental and occupational health policy. She also directs the Fogarty Training Program in Non-Communicable Diseases, which is collaboration between Hopkins and School of Public Health of Mongolia. Nearly 300 scientists attended the presentation, with many engaging in the question-and-answer discussion.

- Plans are underway for a three-part biomarker webinar series that will be held in the fall of 2015.

Current Working Groups

1. Metabolic Syndrome Working Group
2. Biomarker Webinar Working Group
3. Animals In Research Working Group (to begin efforts fall 2015)

Face-to-Face Meetings and Monthly Conference Calls

- Sunday, March 11, 2012 in conjunction with SOT 2012 Annual Meeting, San Francisco, CA
- Wednesday, November 14, 2012, Marriott Wardman Park, Washington, DC
- Sunday, March 10, 2013, Grand Hyatt, San Antonio, TX
- Wednesday, October 2, 2013, Association Innovation and Management Headquarters, Reston, VA
- Sunday, March 23, 2014, Sheraton Phoenix Downtown Hotel, Phoenix, Arizona
- Friday, October 17, 2014, Marriott Wardman Park Hotel, Washington, DC
- Sunday, March 22, San Diego Convention Center, San Diego, California
- Next: Wednesday, November 18, 2015, Hilton Crystal City at Washington Reagan National Airport, Arlington, Virginia

Monthly conference calls are held on the second Tuesday of each month from 1:00 pm–2:00 pm (Eastern Time Zone). These calls are hosted by the Society of Toxicology.