SOT FDA Colloquia on Emerging Toxicological Science Challenges in Food and Ingredient Safety

A Path Forward for Using Computational and In Vitro Methods for Food Ingredient Assessments

October 13, 2015
Welcome from FDA

Suzanne Compton Fitzpatrick, PhD, DABT
Center for Food Safety and Nutrition
College Park, MD
Today’s Agenda

8:45 AM–9:10 AM
Development of *In Silico* Tools at OFAS CFSAN FDA, Patra Volarath, US FDA/CFSAN, College Park, MD

9:10 AM–9:55 AM

10:10 AM-10:55 AM
Read-Across with Computational and *In Vitro* Data, Elisabet Berggren (by webinar), Joint Research Centre, European Commission, Ispra, Italy

10:55 AM-11:40 PM
Use of Computational and *In Vitro* Data in Cancer Hazard Assessment of Data Rich Chemicals: Examples of IARC Monographs, Ivan Rusyn, Texas A&M University, College Station, TX

11:40 AM-12:40 PM
Roundtable Discussion, Ivan Rusyn, Moderator, All Speakers
Welcome from SOT

Peter L. Goering, PhD, DABT, ATS
President, Society of Toxicology
SOT Mission

To Create a Healthier and Safer World by Advancing the Science and Increasing the Impact of Toxicology

Strategic Priorities

• Strengthen the Relevance and Impact of Toxicology
• Develop and Support Toxicologists to Capitalize on Future Opportunities
• Expand Outreach and Impact Globally
# Participation Summary

## 2014-2015 Colloquia

<table>
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<th>PHOs</th>
<th>ADME</th>
<th>Immunotox</th>
<th>Risk Assmnt</th>
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# Colloquium Materials Downloads

## 2014-2015 Colloquia

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<td>548</td>
<td>626</td>
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Video as of 8/14/15: 103, 37, 25, 17
Slides May-June: 1160, 548, 626, Not available
Total: 182, 2334
### Webcast Participation Outside the US

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25 Countries Plus the US

- Australia
- Brazil
- Canada
- China
- Denmark
- Finland
- France
- Georgia
- Germany
- Ghana
- Hong Kong
- India
- Italy
- Japan
- Mexico
- Netherlands
- Nigeria
- Norway
- Peru
- Singapore
- Spain
- Switzerland
- Taiwan
- Turkey
- United Kingdom

For all 4 sessions
I am based in Adelaide, in Australia, so the earliest start time is beneficial for me. However, I must say that the Colloquia that I recently joined via webcast was of such impressive quality and utility to me, that it was worth my staying up until 1:30 am local time to get the full benefit from the webcast. I also found that the webcast setup and software worked well for someone at such a remote location.
SOT FDA Organizing Committee

Ivan Rusyn, MD, PhD, Chair, Texas A&M University, College Station, TX
Jason L Aungst, PhD, US FDA, CFSAN, College Park, MD
Ronald Chanderbhan, PhD, US FDA, CFSAN, College Park, MD
Bryan Delaney, PhD, DABT, ATS, DuPont Pioneer, Johnston, IA
Suzanne Compton Fitzpatrick, PhD, DABT, Colloquium 4 Chair and member, US FDA, CFSAN, College Park, MD
Kristi Muldoon Jacobs, PhD, US FDA, CFSAN, College Park, MD
Norbert Kaminski, PhD, SOT Council Contact, Michigan State University, East Lansing, MI
Ji-Eun Lee, PhD, DABT, Kellogg, Battle Creek, MI
James J. Pestka, PhD, Michigan State University, East Lansing, MI
Allen Rudman, PhD, FDA Lead, US FDA, Office of Food Additive Safety, CFSAN, College Park, MD
Catherine Whiteside, PhD, US FDA, CFSAN/OFVM/CFSAN, College Park, MD
Future Colloquia 2015-2016

December 3  Secondary Mechanisms, Mode of Action, and Thresholds for Carcinogens

March/April  State of the Art in the Cramer Classification Scheme and Threshold of Toxicological Concern

April/May  Safety Assessment Approaches to Sensitive Subpopulations
Colloquium October 13, 2015

A Path Forward for Using Computational and *In Vitro* Methods for Food Ingredient Assessments
Chair

Ivan Rusyn, MD, PhD
Chair, SOT FDA Colloquium Organizing Committee
Texas A&M University
College Station, Texas
Roundtable Discussion: A Path Forward for Using Computational and *In Vitro* Methods for Food Ingredient Assessments

Moderator: Ivan Rusyn, MD, PhD

All speakers Questions welcome.
Colloquia

- Recordings
- Slides
- Captioning Text

are available at

www.toxicology.org
Thank you for your participation.

We appreciate your input. We will send you a link and we appreciate your completing the survey.