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

Safety Assessment of Food Packaging and Food Contact Substances

May 23, 2017
Welcome

Michael Adams, PhD
Deputy Director, Office of Food Additive Safety, CFSAN, US FDA, College Park, MD
Welcome from SOT

Peter L. Goering, PhD, DABT, ATS
Past President, Society of Toxicology
Deputy Division Director, CDRH, US FDA,
Silver Spring, MD
Colloquium Series

- Partnership SOT and US FDA Center for Food Safety and Applied Nutrition (CFSAN)
- High-quality, cutting-edge, future-oriented toxicological science
- Information for FDA employees and the public
- Not a public forum for discussion of toxicology regulatory issues
Society of Toxicology 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
Eleven Previous Colloquia: Topics 1

- Considerations for the Determination of Adversity in Food Chemical Safety Evaluations
- Overview and Principles Underpinning *In Vitro* to *In Vivo* Extrapolation
- State of the Science in Developmental Neurotoxicology
- Safety Assessment Approaches in Young Children
- Cramer Classification and Threshold of Toxicological Concern
Eleven Previous Colloquia: Topics 2

- Mode of Action in Dose-Response Assessment for Carcinogens
- Computational and *In Vitro* Methods for Assessments
- Contemporary Issues in Risk Assessment
- Immunotoxicology in Safety Assessment
- ADME/PK Studies to Improve Safety Assessments
- Clinical and Observational Data for Safety Assessment: Partially Hydrogenated Oils
International Participation

October 2016, December 2016, and March 2017 Colloquia

24 Countries
SOT FDA Continuing Collaboration

- Memorandum of Understanding to continue sharing resources
- Plans in place for 4 Colloquia in 2017-2018
Organizing Committee Chair

• 2015-2017  Ivan Rusyn

• 2017-2018  Bryan Delaney
Bryan Delaney, PhD, DABT, ATS, Committee Chair, DuPont Pioneer, Johnston, IA
Jason L. Aungst, PhD, US FDA, CFSAN, College Park, MD
Suzanne Compton Fitzpatrick, PhD, DABT, US FDA, CFSAN, College Park, MD
Norbert E. Kaminski, PhD, Michigan State University, East Lansing, MI
Jieun Lee, PhD, DABT, Kellogg, Battle Creek, MI
Stephen M. Roberts, PhD, University of Florida, Gainesville, FL
Allen Rudman, PhD, FDA Lead, US FDA, CFSAN, College Park, MD
Ivan Rusyn, MD, PhD, Committee Chair, Texas A&M University, College Station, TX
Jeffrey J. Yourick, PhD, DABT, ATS, US FDA, CFSAN, Laurel, MD
John B. Morris, PhD, SOT Council Contact, University of Connecticut, Storrs, CT
Charles Barton, Colloquium Chair, PhD, DABT, Valspar Corporation, Sewickley, PA
Colloquium Leads

- **Chair:** Charles Barton, PhD, DABT
  Valspar Corporation, Sewickley, PA

- **Co-chair:** Jason Aungst, PhD
  US FDA, College Park, MD
Agenda

8:45 AM–9:15 AM
• Overview of Regulatory Science of Food Contact Substances
  Michael Adams, US FDA, College Park, MD

9:15 AM–9:50 AM
• Overview of Key Food Packaging
  Steve Hentges, American Chemistry Council, Washington, DC

9:50 AM-10:30 AM
• Can Coatings, Primer, and Safety Assessment: Communicating Evidence of Absence
  Mark Maier, Sheperian Toxicology, Albuquerque, NM

10:45 AM-11:25 AM
• Migration and Exposure Considerations
  Jessica Cooper, US FDA, College Park, MD
Agenda

11:25 AM-12:05 AM
• Packaging Innovations to Improve Food Safety
  Maria Rubino, Michigan State University, East Lansing, MI

12:05 AM-1:00 PM
• Roundtable Discussion
  Charles Barton, Valspar Corporation, Moderator
  All speakers, plus
  Gina Solomon, California EPA, Sacramento, CA (by webcast)
  Mark Feeley, Health Canada, Ottawa, Canada
Overview of Regulatory Science of Food Contact Substances

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