

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



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

Welcome

Michael Adams, PhD

Deputy Director, Office of Food Additive Safety,
CFSAN, US FDA, College Park, MD





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Welcome from SOT

Peter L. Goering, PhD, DABT, ATS

Past President, Society of Toxicology

Deputy Division Director, CDRH, US FDA,
Silver Spring, MD

SOT | Society of
Toxicology



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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



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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



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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



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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



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**



SOT FDA Organizing Committee

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





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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





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Overview of Regulatory Science of Food Contact Substances

Michael A. Adams, PhD

Deputy Director, Office of Food Additive Safety

FDA, Center for Food Safety and Applied Nutrition

5001 Campus Drive, College Park, MD 20740