



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

Colloquium 2: February 23, 2015

Application of ADME/PK Studies to Improve Safety Assessments for Foods and Cosmetics

Food Safety Colloquia Series

The Society of Toxicology (SOT) and FDA Center for Food Safety and Applied Nutrition (CFSAN) have partnered to provide a colloquia series that presents scientific information that is high-quality, cutting-edge, future-oriented toxicological science to provide a well-grounded foundation to inform the work of FDA employees. These sessions are open to the public to attend in person or via webcast, but these events are not a public forum for discussion of toxicology regulatory issues.

Schedule

7:30 AM–8:00 AM	Badge Pick Up Meeting Desk
8:00 AM–8:10 AM	FDA Welcome and Overview Dennis Keefe, FDA, CFSAN, College Park, MD
8:10 AM–8:15 AM	Welcome from SOT Harvey Clewell, The Hamner Institutes for Health Sciences, Research Triangle Park, NC
8:15 AM–9:05 AM	Overview: Value of ADME/PK Studies in Safety Assessment Harvey Clewell, The Hamner Institutes for Health Sciences, Research Triangle Park, NC
9:05 AM–9:55 AM	The Importance of ADME/PK to Inform Human Safety Assessments Based on Animal Studies: Example with Furan Greg Kedderis, Independent Consultant, Research Triangle Park, NC
9:55 AM–10:10 AM	Break
10:10 AM–11:00 AM	The Role of ADME/PK in the Extrapolation of <i>In Vitro</i> Toxicity Results to Equivalent <i>In Vivo</i> Exposures: Where it Started with the Acrylamide Example and Where We are Now Bas Blaauboer, Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands
11:00 AM–11:50 AM	Consideration of ADME/PK in Safety Assessments for Engineered Nanomaterials: Example with Silver Nanoparticles William Boyes, USEPA/NHEERL, Research Triangle Park, NC
11:50 PM–12:30 PM	Roundtable Discussion: Issues for Use of ADME PK in Safety Assessments for Foods and Cosmetics Harvey Clewell, Moderator All Speakers

FDA, College Park, Maryland • Live Webcast

Application of ADME/PK Studies to Improve Safety Assessments for Foods and Cosmetics

Organizing Committee

James J. Pestka, PhD, Colloquia Series Chair, Michigan State University, East Lansing, MI

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Betty Eidemiller, PhD, SOT Staff, Reston, VA

2015 SOT FDA Colloquia

**Immunotoxicology in Food and Ingredient Safety Assessment:
Approaches and Case Studies, April 14, 2015**

**Risk Assessment and Risk Management
Late May / Early June**

**Complexities in Evaluating Human Clinical and Observational Data for
Ingredient Safety Assessment:
Partially Hydrogenated Oils (PHOs) As a Case Study, November 7, 2014**
Recording and Materials available at
<http://www.toxicology.org/fda>

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