



Technical Representatives Quarterly Meeting

September 14, 2017

Location

Remote participation **only** via webinar/phone:

WELCOME – Alex Domesle, IRAC Technical Committee Chair

- Introduction and Roll Call
Present (by phone/webinar)
 - Aaron Niman, EPA Office of Pesticide Program
 - Shamima Akhter, EPA Office of Water
 - Richard Forshee, FDA Center for Biologics Evaluation and Research
 - Sofia Santillana Farakos, Sherri Dennis, Judi Spungen (work group), FDA CFSAN
 - Mary Bartholomew and Gregg Claycamp, FDA CVM
 - Wen Zou, FDA National Center for Toxicological Research
 - Robert Hall, NIH, National Institute of Allergy and Infectious Diseases
 - Shanker Reddy, USDA, Agricultural Marketing Service
 - Wendy Hall, Alan Franklin (speaker), USDA Animal and Plant Health Inspection Service
 - Andy Hwang, Vijay Juneja, USDA ARS
 - Sandy Hoffman, USDA ERS
 - Janell Kause, Berhanu Tameru, USDA FSIS
 - Scott Shimmin, USDA NASS
 - Sheila Fleischhacker, USDA Office of the Chief Scientist
 - Alex Domesle, USDA Office of Pest Management Policy
 - Mark Powell, USDA ORACBA

UPDATES

Agency Updates

Codex Updates – none

Work Group Updates

- Characterization and Evaluation of Dietary Exposure Assessment Approaches and Needs (Judith Spungen, FDA-CFSAN)
- Implication of Whole Genome Sequencing and Quantitative Microbial Food Safety Risk Assessment (Janell Kause, USDA-FSIS, and Sherri Dennis, FDA)

PRESENTATION

“Wildlife as Sources of Foodborne Pathogens”

Presented by: Alan Franklin, PhD, USDA Animal and Plant Health Inspection Service (APHIS) Wildlife Services (WS) National Wildlife Research Center (NWRC)

DISCUSSION

Draft IRAC documents

- *Draft FY17 Annual Report* - Alex Domesle –
Document is in draft form and will be circulated in the next few weeks
- *Draft FY18 Annual Plan* - Sherri Dennis and Janell Kause
IRAC Policy Council co-Chairs developed a draft FY2018 Annual Plan and disseminated it on September 13, 2017 to representatives of the Policy Council for review and comment. The FY2018 AP will be shared with the Technical Committee within the next few weeks. The FY2018 IRAC Annual Plan has three primary objectives: 1) enhance governance and operation of IRAC; 2) strengthen outreach and engagement of new and existing federal agencies; and 3) facilitate information exchange and sharing of tools, data and models to advance food safety risk assessment. In FY2018, IRAC plans to develop supplemental guidance to the IRAC Charter to enhance IRAC Policy Council governance and strategic planning roles; develop an action plan for application of whole genome sequencing to advance food safety risk assessment based on the FY2017 results of the IRAC Working Group discussions and workshop outcomes; hold a federal roundtable on the various approaches to the conduct of dietary exposure assessment; and to continue to collaborate across federal agencies in the sharing of tools, models, and databases through the updated IRAC website/Foodrisk.org.

New IRAC website and related tools, model and data - Janell Kause

- IRAC has developed an updated website to reflect the core mission of the interagency coordination – sharing information, tools, models, and databases to advance federal food safety risk assessments. The language on this website is being finalized by FDA-CFSAN and the site will be shared with the IRAC Policy Council and Technical Committee prior to release. Over 16 databases, tools, and models for conducting food safety risk assessment have been made available on this new site, including USDA's Foodcode Selector tool used to support dietary consumption analysis and an updated FSIS risk assessment for evaluating processing interventions for *Listeria monocytogenes* in ready-to-eat foods. [The latter is systems model that has been updated and streamlined in "R" and includes technical manuals and annotation to support user operation and reproducibility of simulation results. Currently, FDA-CBER and Drexel University are beta-testing the *Listeria* risk assessment model for ease of operation and reproducibility of results.]
- The University of Maryland, Joint Institute for Food Safety and Applied Nutrition is holding a workshop, *Foodrisk.org – Risk Analysis Tools and Data: A Guided Tour by Tool Creators*, from November 1-2, 2017 in Greenbelt, Maryland. A number of federal tools that will be on the Foodrisk.org website will be highlighted. For more information:
<https://jifsan.umd.edu/events/view/94>

Suggestions for presentations at next meeting: December 6, 2017, College Park, Maryland [NOTE: date has been updated since the meeting]

- Suggestion from Sandy Hoffman, ERS, to present information on food source attribution and global economic studies
- Suggestion from Janell Kause, FSIS, IRAC Policy Council Co-chair, to have interested agencies present how they are integrating GIS into their food safety risk assessments.