

Food Chemical Hazards and Food Allergy PDG

Members Present: Ravindra Ramadhar, Ji-Eun Lee, Timothy Adams, Michael Roberson, Jena Roberts, Todd Rossow, Marianne Solomontis, Weilin Shelver, Dan Thompson, Michelle You, Joseph Baumert, Jack Cooper, Charles Czuprynski, Kevin Edwards, Miriam Eisenberg, T.J. Fu, Anthony Flood, Lauren S Jackson, Alison Kretser, Shaun Kennedy, Linda Leake, Mathew Moore, Michael Roberson, Jena Roberts, Todd Rossow, Gerard Ruth, Marianne Solomotis, Dan Thompson and Michelle You.

Board/Staff Members Present Tim Jackson.

New Members Present: Chuck Seaman, Jianmei Zhu, John Van Arsdale, Keng Ngee Teoh, Steve Taylor, Claudia Lucioni, Alex Bruner, Colin Choy, Prasad Rallabhandi, Cian O'Mahony, Robert Salter, Kaseem Akinwumi, Vanessa Ip, David Crownover, Chee Zheng, Rafiqul Islam, Brandi Crockett, Sally Klinec, Elizabeth Uriyo, Donna Womack, Kevin Smith, Lili He, Lee-Yan Sheen, Kristine Clemens, Anthony Bashall, Raquel Sobel, Deann Akins Lewenthal, Neil Bogart, Cheh-han Pu, Wei Hsiang Chang, Pingping Zhau, Yanyun Zhau, Xuetong Fan, Changqing Wu, Ryan Mills, Michele Ybarra, Sangwoo Cho, Mansi Krishan, Frank Spiegelhalter and Erie Severyn.

Visitors/Guests Present: Luke Emerson-Mason, Kauko Haapasaari, Lisa Blandford, Conor McGauran, Kannan Balan, Surashi Shau, John O'Keeffe, Jairo Romero, Carmen Velasquez, Jairo Romero, Nick Pesch, Pam Meijer, Surasri Sahu, Chung Cho, Rachel Courtney, Suzette Stalker, Sarah Peterson, Kevin Besey and Eric Punte.

Meeting Called to Order: 3:06 p.m., Saturday, July 25, 2015.

Minutes Recording Secretary: Ji-Eun Lee.

Old Business:

- Review and approval of the PDG meeting minutes from the 2014 Annual Meeting.
- Review of the 2014 Board recommendations – responses.
- Review of Plan vs. actual for the 2014–2015 year.
- Review and update of symposia and workshop proposals.
- Call for additional old business.

New Business:

- The Chair introduced the PDG website and available resources and opportunities.

Board Update – Tim Jackson (Board Liaison):

- Three lunch-time meetings (time management, IAFFP business meeting, changing food safety paradigm in U.S. and Canada).
- The Board encourages webinars.
- Secretary nomination from academia by October 1.
- Award nomination by February, 2016 (okay even after February).

Food Allergy Roundtable:

- Consumer perspective (Tony Flood, IFIC).
 - IFIC Food & Health Survey (7 years of data point): food allergy is one of the most important food safety issues.

- Social media monitoring: allergen management most discussed.
- Precautionary labeling can be confusing. IFIC is interested in exploring consumer attitudes toward precautionary labeling and/or allergen thresholds.
- Science perspective (Steve Taylor, FARRP).
 - Human data support the allergen threshold concept.
 - Food allergen detection methods: ELISA is the most popular. Other methods: ATP, PCR, general protein tests, mass spectrometry. Visually clean is hard to standardize. ELIS methods are not standardized or validated either. Mass spectrometry has similar issues to ELISA.
 - Thresholds (expressed as dose, total mg proteins) – analytical interface (expressed as concentration, ppm).
- Manufacturer perspective (Deann Atkins-Lewenthal, ConAgra) – Allergen management.
 - Avoid, segregate, clean and appropriately label.
 - Packaging errors and cross-contact lead to product recalls → Pre-printed packaging verification, employee training is vital.
- Regulatory–Training (Kevin Besey, Michigan Department of Agriculture).
 - Michigan has passed a state-wide allergen bill (effective in January 2016; MA and RI also have a state-wide allergen bill) for food services.
 - The bill requires training for food service managers.
 - 26,000 food establishments in Michigan required for food allergen training.
 - Public–Private partnership to offer an ANSI-level allergen training online course ongoing and issue a certificate.
- Call by Chair for symposia suggestions both using template provided and oral descriptions.
- Group discussions – group discussed possible topics for symposia.

Summary of Proposed Symposia/Webinar Topics

- Chair asked members to use the proposal template distributed for symposia/webinar ideas.
- Marianne – Use of computational toxicology for risk assessment/safety assessment and regulatory decision.
- Mark Moorman (Kellogg Company).
 - Impact of use of alternatives to chemical ingredients of concern (by NGOs and consumers), can we get consumers' confidence based on science.
 - Phycotoxins (algal bloom) in water supply.
 - Issues and science behind Prop 65.
- Tony Flood (IFIC): understanding International Agency for Research on Cancer (IARC) assessment – what it is or is not?
- Effects of food additives (e.g., emulsifiers) on microbiome and disease outcome
- Topics from other PDGs (Chair) –
 - Water Quality PDG: Irrigation water (chemical treatment of irrigation water might be relevant to our PDG).
 - Seafood PDG – climate change and water quality (phycotoxins can be included).
- Cian (Crème Global) – Different approaches to dietary intake assessment.

Use Survey Monkey for 2017–2018 election of vice-chair.

Ask for a student volunteer to work with members to maintain and update the PDG resource tab/website.

Recommendations to the Executive Board:

1. Recommend to the board to explore list management software or solution to enable better PDG membership management. A single sign up on the web and management via web.
2. Recommend the Program Committee consider scheduling any chemical and or toxicology related symposia be scheduled for Monday on the program. By doing so, it enables Society of Toxicology (SOT) and other chemical participants we're trying to attract to attend the PDGs and then Monday present. It would reduce a travel hurdle for a segment we're trying to develop.

Next Meeting Date: July 31, 2016, St. Louis, Missouri and conference call TBD.

Meeting Adjourned: 4:57 p.m.

Chairperson: Ravindra Ramadhar.