



## **Teleconference Minutes – April 19, 2011 2:00-3:00pm (Eastern Time)**

*Mission: To provide a forum for the exchange and sharing of information related to the development and use of Laboratory methods for the analysis of food and related commodities.*

**“Don’t Be a Benefiter. Be a Contributor!” Pat Rule**

### **MEETING ATTENDEES:**

Present: Patricia Rule, Mary Lou Tortorello, Karl Reineke, Christina Aleski, Sun Kim, Christina Megalis, Nate Bauer, Sufian Al Khaldi, Pam Wilger, Leslie K. Thompson, Vanessa Cranford

**MINUTES** Leslie Thompson, Vanessa Cranford

**STARTED:** 2:00pm EST

I Accepted 2011 IAFP Symposium and Roundtable:

A brief updated was shared with the PDG on the development of the IAFP 2011 symposia and roundtable planning including speakers requested IAFP funding support. The summaries include the symposia and roundtable IAFP program number, scheduled date, and time to assist as PDG members commence planning the sessions they plan to attend at IAFP 2011. Please show your support to the PDG by planning to attend the sessions organized by the PDG, if you have an interest for the topic.

- a) Symposia/Roundtable Updates, Revisions and Speaker Funding:
  - Novel Approaches for Characterization of Foodborne Pathogens - Beyond Serology, Genomic Applications (Purnendu Vasavada, Patrice Arbault) IAFP Program: S24 Tuesday PM
    - i) The speakers are confirmed for this symposia and presentation planning is in progress for IAFP.
    - ii) There were two IAFP speaker funding requests Patty Fields with the CDC and Patrick Fach with Anses in France.
    - iii) Please see attached symposia document for detailed symposia and speaker titles.
  - Campylobacter-Getting Re-acquainted with an Old Foe (Patrice Arbault, Omar Oyarzabal, Pat Rule) IAFP Program: S9 Monday PM
    - i) IAFP requested the rearrangement of the speakers which has occurred.
    - ii) All speakers are confirmed.
    - iii) A presentation speaker teleconference for this symposia will occur prior to IAFP annual meeting to discuss what speakers will be speaking about and to prevent any overlap.
    - iv) There was one IAFP speaker funding request for Omar Oyarzabal with Alabama State University.
    - v) Please see attached symposia document for detailed symposia and speaker titles.

- Egg Safety and Salmonella – Hard Boiled Reality on Regulation, Prevention, and Detection (Amy Smith, Tim Freier, Sid Thakur) IAFP Program: S38 Wednesday AM
  - i) All speakers are confirmed including the change to John Sheehan –FDA CFSAN with the topic on FDA’s Egg Safety Rule
  - ii) There were two IAFP speaker funding requests Doug Waltman with the Georgia Poultry Laboratory/National Poultry Improvement Plan (NPIP) and Chuck Horface with the University of Georgia.
  - iii) The first teleconference for the speakers will be scheduled in May to discuss presentation topics and outlines.
  - iv) Please see attached symposia document for detailed symposia and speaker titles.
  
- What we have here is a Failure to Communicate: Is Method Equivalency an Achievable Global Objectives (Wendy McMahon, Michael Brodsky, Mark Carter, Patrice Arbault, Pat Rule) IAFP Program: RT8 Wednesday PM
  - i) There have been some modifications to the panelist for this roundtable Dane Bernard with Keystone Foods will replace Nandini Natrajan. Adrienne Klijn with Nestle Research Center in Switzerland will replace Stephanie Campbell.
  - ii) Each speaker will have 5 min of introductory and the organizers are working on the list of questions that will be shared with the panelist prior to the IAFP meeting.
  - iii) There was one IAFP speaker funding request for Paul In’t Veld with Food and Safety Consumer Product Safety Authority –The Netherlands.
  - iv) This roundtable is anticipated to have white paper published in FPT from the panelist and discussion at IAFP. In addition it will be shared to ensure accuracy of data.
  - v) Please see the attached roundtable document for detailed roundtable and panelist.
  
- Global Food Safety- What Should We Focus on Today for Tomorrow’s Results? (Keith Lampel, Pam Wilger) IAFP Program: S2 Monday AM
  - i) John Lamb, The World Bank speaker, is no longer able to attend. The current plan is to determine if a replacement speaker can be obtained or alternatively to eliminate the topic and increase the other four speakers and lengthen the discussion.
  - ii) Members of the PDG are asked to provide any names of people that may be able to fill The World Bank speaker’s vacancy.
  - iii) There have been two IAFP speaker funding request for this symposia Pensri Rodman with the FAO in Thailand and Patrick Walls with EFSA.
  - iv) Pensri Rodman’s funding needs will exceed the IAFP international funding allocation and George Wilson has been very instrumental in soliciting additional funding for Pensri Rodman’s travel expenses; which are close to \$4000. He has requested \$500 donations to assist in travel funding. Donations will be acknowledged through IAFP at the annual meeting. At this time 3M, Remel/Thermo Fisher, and Cargill have responded to the \$500 donation request. If possible, please consider contributing to this symposium with a \$500 donation. Please contact George Wilson [georggeo@gmail.com](mailto:georggeo@gmail.com) to contribute.
  - v) Please see the attached symposia document for detailed symposia and speaker titles.
  
- Molecular Mechanism and Scientific Advancement for Norovirus Gastroenteriditis (Vanessa Cranford, Jennifer Cannon, Kirsten Mattison) IAFP Program: S5 Monday AM

- i) All speakers are confirmed
  - ii) The first presentation speaker teleconference will be scheduled in May to enable speakers to discuss presentation outlines for meeting preparation.
  - iii) There have been two IAFP speaker funding request for this symposia Leen Baert with Ghent University and William Burkhardt III with the FDA.
  - iv) Please see the attached symposia document for detailed symposia and speaker titles.
- Testing Tales Tall but True: From the Real World (Julian Cox, Patrice Arbault, Jeff Kornacki) IAFP Program: RT2 Monday PM
  - i) Jeff and Julian will be main speakers and then will open the floor for interactive discussion
  - ii) There have been no funding requests for this roundtable.
  - iii) Please see the attached roundtable document for detailed roundtable planning.
- Technological Challenges in Detecting Viruses in Produce: Where Are We and How Do We Move Forward? (Kirsten Mattison, Vanessa Cranford, Jack Guzewich) IAFP Program: RT1 Monday PM
  - i) This roundtable will be a 4 speaker introduction followed by a roundtable discussion. Lee-Ann Jaykus will lead the roundtable discussion.
  - ii) The roundtable participants have already had a call on March 30<sup>th</sup> to commence preparation for the roundtable.
  - iii) There have been two IAFP speaker funding requests for this roundtable Doris D'Souza with the University of Tennessee and Efi Papafragkou with CFSAN.
  - iv) There are plans for a white paper in Food Protection Trends from this roundtable.
  - v) Please see the attached roundtable document for detailed speaker titles.
- b) 100 Year Celebration Discussion
  - A microbiology exhibit of historical scientific instruments and tools through 100 years (Mary Lou Tortorello, Karl Reineke, Christina Megalis, Susan Smith, Vanessa Cranford)

Mary Lou discussed the microbiology exhibit being planned for IAFP 2011. Karl Reineke and Christina Megalis have signed up for participating in the preparation of the exhibit. Mary Lou and Dr Vasavada created the categories of interest for the display items:

**Books:** 1st editions of the major publications in the history, e.g., Difco Manual; Compendium of Methods; BAM; Jay's Food Microbiology, etc.

**Optical Instruments:** microscope; turbidometer; bactoscan, flow cytometer (NOT our PDG but INCLUDED IN DAIRY PDG DISPLAY) Dairy: Babcock bottles, hand-crank centrifuge, calipers, milk bottles

**Culture:** Pasteur flasks, petri dish, spiral plater, colony counter, HGMPF, Simplate, microtiter plates, microarray

**Sample prep:** grinder, blender, stomacher, pulsifier, IMS - Dynabeads, Pathatrix;

**Identification:** Petrifilm, Vitek, Vidas; miniaturized tests, e.g. enterotube, API; immunotests, e.g. ELISA, dipsticks; gene tests, e.g. GeneTrak, PCR;

**Sanitation:** environmental sampling items, ATP

The list that previously existed:

- Ken Davenport (3M Food Safety Dept) has "the progression of ATP testing equipment from Biotrace/3M. He has 4 pieces: two approx. 6"x6"; one 6"x4"; and one 4"x4". If he adds tests and a description plate, he could do four-one square foot displays, or

preferably line them up to show the progression of the technology." Although it progresses from 1988-2011, he thought it might still be of interest.

- Jeff Freshley (WSDA Food Safety) has a scrap book which focuses on the work that his Great Grandfather, Dr. David Mack, conducted in the early 1900s to "turn one of the world's worst milk supplies around in Portland, Oregon due to the high infant mortality attributed to 'dirty milk'."
- Benoit Gagnon (Sani Marc) has an older (1975) Olympus Optical microscope, model KHC, from R&D Industrial Bakery Pillsbury Canada. He said "it's not that old but he could ship it in its original wooden box."
- Amy Smith (DuPont) A poster board indicating the history of the development of PCR within the food industry as it pertains to the BAX.

On April 18<sup>th</sup> there was a call with IAFP and the exhibit organizers of the PDG to discuss the logistics for this exhibit preparation and timeline planning. IAFP will provide the letter of participation in the exhibit display and shipping details can be determined if needed. The following is the scheduled timeline:

**June 1<sup>st</sup>:** Deadline for the Applied Lab Methods to create exhibit list

**June 10<sup>th</sup>:** Vanessa to cross reference the Applied Lab Methods PDG list with the Dairy PDG list to avoid duplication.

**June 17<sup>th</sup>:** The final comprehensive list included in the display exhibit will be communicated to PDG.

**July 8<sup>th</sup>:** Karl and Christine to create set-up cards for display with title, description and participant's name/affiliation.

**July 15<sup>th</sup>:** Vanessa to confirm volunteers for the exhibit (14 volunteers needed-2 for each time interval)

- i. Sunday: evening session
- ii. Monday: AM/PM/ evening session
- iii. Tuesday: AM/PM/ evening session

The PDG had an open discussion regarding the exhibit categories and possible sign-up exhibit items:

1. **Book Publications** preferably 1<sup>st</sup> Edition:
  - a. Christina provided a email indicating the list of 1<sup>st</sup> Edition books available with approximately 18 recommendations
  - b. Vanessa will check with the IAFP library for publications
2. **Optical Instruments:**
  - a. Olympus microscopy already mentioned by Benoit Gagnon
  - b. Jackie Glover with FDA says potentially able to get 50's or 60's microscope
3. **Culture**
  - a. Jackie Glover- possible glass petri dish
  - b. Mary Lou to talk to Reginald Bennett and PC Vasavada
4. **Sample Prep**
  - a. Mary Lou to try to contact Tony Sharp
5. **Identification:**
  - a. Pat Rule to look into API and VITEK historical poster
  - b. Christine Aleski to talk to long-term 3M to see what 3M has for petrifilm
6. **Sanitation**
  - a. Ken Davenport already signed up for progression of ATP testing

If you can participate or contribute to the exhibit please review the categories and consider participating, it will be a great addition to the IAFP meeting but your contribution is essential either for an actual display item or as a volunteer for the display. Please see the attached spreadsheet itemizing the exhibit items and categories already captured.

## II Article for Food Protection Trends

A compilation of existing methodologies currently available for non-O157 STEC testing of raw ground beef and manufacturing trim (Vanessa Cranford, Leslie Thompson)

- a. The objective of this request is to provide a compilation of methodologies, test kits, and reagents that are currently available for detecting and isolating Shiga toxin-producing *E. coli* other than *E. coli* O157:H7 (non-O157 STEC) in meat products for publication in the IAFP Food Protection Trends.
- b. The request will be shared with the PDG as well as the participants of the roundtable held at IAFP last year on STEC methodology by May 2011.

## III IAFP 100 Food Safety Tips

The creation of a comprehensive list to send to IAFP from the Applied Lab Methods PDG. Email suggestions to Leslie Thompson [lhompson@aegisfoodlabs.com](mailto:lhompson@aegisfoodlabs.com) for compiling.

- a. There are currently only 4 tips submitted,
- b. Please provide any food safety tips we can even consider a list of laboratory food safety tips to submit to IAFP, if that will prompt greater participation from this group.

## IV Other Business

- a) Workshop on Control of Microbial Contamination in the Food Industry, to be held on the UGA campus, Athens, GA, on June 7-8, 2011, for further information please visit <http://www.caes.uga.edu/departments/fst/WorkshopCalendar.html>
- b) Georgia Tech- Workshop on Novel Sampling and Sensing for Improving Food Safety. Call for abstracts to be submitted electronically by April 15<sup>th</sup> 2011. Workshop June 16-17 2011 [www.foodsensing.gatech.edu](http://www.foodsensing.gatech.edu)

Vanessa thanked the symposia and roundtable organizers and additional PDG members who have taken an active role to contribute to this PDG. The success of the PDG is directly proportional to the contribution of its members; and this PDG is definitely a group of dedicated, talented and committed individuals.

**END:** 2:59pm EST