



**IAFP**

Applied Laboratory Methods PDG

## **Teleconference Minutes – September 17<sup>th</sup> 2010 3:30 -4:30pm (EST)**

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*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: Derrick Bautista, Patricia Rule, Nandini Natrajan, Sun K. Kim, Christine Hilbert, Yvonne M. Salfinger, Molly Mills, Reginald Bennett, Michael Brodsky, Patrice Arbault, Mary Lou Tortorello, Don Schafner, Maya Achen, Omar Oyarzabal, Leslie K. Thompson, Vanessa Cranford

**STARTED:** 3:30pm EST

I Discussion of 2011 IAFP Symposium and Workshops for submission:  
(Symposia/ Workshop Completed Submission due October 18<sup>th</sup> 2010)

- a) Symposia Planning 2010 Update
  - **From Serotyping to Molecular typing of Pathogens-Characterizing the needle in the Haystack (Purnendu Vasavada, Patrice Arbault)**
    - i. Patrice indicated that he had been contacted by Dr Vasavada and they were discussing the symposia outline.
    - ii. If you have an interest in contributing to this symposia development please contact [purnendu.c.vasavada@uwrf.edu](mailto:purnendu.c.vasavada@uwrf.edu)
  - **Environmental Monitoring Validated Use (Pam Wilger)**
    - i. Pam sent email on the symposia outline since she was not able to attend the call and suggested symposia as a 3-4 speaker short symposia.
    - ii. It would discuss -What is the best way to collect samples – fit for purpose with a focus on using Kim Wipes. Also discuss the best use of the different media used in the sampling devices and what is fit for purpose or why we would use one over the other, including the time from sampling to testing. In addition can I use my same method for environmental samples that I use for my finished product samples? Do I need exact numbers or is semi quantitative ok even for pathogens?
    - iii. Patrice indicated that he had suggestions for Pam but would see her at AOAC and share them with her to maximize the call time.
    - iv. Nandini Natrajan indicated an interest to assist on the symposia development.
    - v. The PDG was in support of this symposium.
    - vi. If you have an interest in contributing to this symposia development please contact [Pamela\\_Wilger@cargill.com](mailto:Pamela_Wilger@cargill.com)
  - **Campylobacter for poultry regulation and methodology (Pat Rule, Pat Rule & Omar Oyarzabal)**
    - i. Pat discussed the symposia Campylobacter- Getting re-acquainted with an old foe.
    - ii. Short symposia 3-4 speakers

- iii. Pat is trying to have this symposium as joint with the Meats PDG and has been in contact with Tim Freier for discussion. If the symposia that the Meat PDG is planning does not have much cross-over it may be submitted only from the Applied Lab Methods PDG and not joint. Determination will occur after discussion with Tim.
  - iv. The PDG was in support of this symposium, no additional volunteers needed on this symposium.
- **Symposia on spoilage microorganisms (Derrick Bautista)**
  - i. Vanessa discussed that this symposia does not currently have a lead but Vickie indicated an interest to assist in the symposia development.
  - ii. Vanessa discussed an approach could be choosing a specific commodity focus on microbial methods. Microbial food spoilage and the major food groups affected. Techniques and methods for detection and analysis of yeast, mold, bacteria specific to chosen commodity. Microbial spoilage models overview and application of use to chosen commodity. Current and emerging techniques for managing microbial spoilage for chosen commodity.
  - iii. Patrice indicated that *Alicyclobacillus* and beverage was an interest for PepsiCo, Coca and Dr Pepper and also a possibility is dairy products for *Bacillus* specifically.
  - iv. Derrick Bautista volunteered to assist with this symposia development. In addition that the Beverage PDG should be contact if they had an interest- Frank Burns to be contacted.
  - v. The PDG is in support of this symposium. If you have an interest in contributing to the development of this symposia please contact [derrick.bautista@US.nestle.com](mailto:derrick.bautista@US.nestle.com)
- ***S. enteritidis* specifically for methodology of eggs (Amy Smith and Tim Freier)**
  - i. Amy Smith sent email to update on the symposia since she was not able to attend the call.
  - ii. Symposia to be a 6 speaker symposia with focus on egg safety. The Meat and Poultry Safety and Quality PDG as well as Pre-Harvest PDG will be contact if they have an interest for joint submission.
  - iii. The outline to include two speakers with a regulatory perspective from the FDA and USDA. The FDA speaker to address Egg Rule and its account on the impact to the egg industry. The USDA speaker for the National Poultry Improvement Plan (NPIP), National Veterinary Service Lab or FSIS. The next two speakers with a pre-harvest focus on prevention measures during the production of eggs – broad spectrum vaccination and feed quality. The last two speakers on detection and characterization methods of *Salmonella* sp with focus on *Salmonella enteritidis*.
  - iv. The PDG indicated that this would be a good symposium especially with the recent events and should be well accepted.
  - v. The PDG is in support of this symposium. If you have an interest in contributing to the development of this symposia please contact [Amy.B.Smith@usa.dupont.com](mailto:Amy.B.Smith@usa.dupont.com)
- **Method equivalence and the regulatory requirements for method acceptance (Previously Michael Brodsky, Currently- Wendy McMahan, Patrice Arbault)**
  - i. Dr Brodsky indicated that the symposia had a lot of discussion and development in the beginning with a proposal for a ¼ day session with four speakers at 15 minutes each followed by a ½ hour roundtable. The objective is to have a concrete goal for the expectation outcome.
  - ii. Dr Brodsky did indicate that he would have abundant travel prior to Oct 18<sup>th</sup> and would need to hand over the symposia. Patrice indicated he had initial input and would continue to work on the development.

- iii. Vanessa indicated that that is understandable and that the PDG could see the symposia to completion with volunteers, there was quite extensive work already completed on the outline suggestions.
  - iv. Wendy McMahon indicated that she had an interest as point .Pat and Nandini volunteered also.
  - v. Vanessa would forward the previous emails that were exchanged with Dr Brodsky, Patrice and Mark Carter to the additional PDG volunteers.
  - vi. If you have an interest in contributing to the development of this topic please contact [wendy.mcmahon@silliker.com](mailto:wendy.mcmahon@silliker.com)
- **Antibiotic resistant *Salmonella* and what is on the horizon**
    - i. This symposia topic was removed from the list for further development.
- **Where have all the data gone? Microbiological Test Result and Underused Resource (Phil Coombs, Roy Betts)**
    - i. Phil had sent an outline of the symposia via email previously and it was planned to be a 5 speaker symposia with a 30 minute panel discussion. It would address that microbiologist spend significant amounts of money performing millions of tests per year as part of the routine QC/QA associated with food production. The speakers will address the need for making better usage of microbiological data and providing examples on how to better utilize the data for more informed decision making.
    - ii. The following outline was proposed:  
Introduction: Where Have All the Data Gone? -Phil Coombs, Avalon Group  
Microbiological Test Results – an Underused Resource -Roy Betts, Campden BRI  
The Need for Improved Data Handling -Paul Hall, AIV Food Safety Consultants  
A Novel Paperless Data Collection Software Package -Bob Toal, Lonza  
Data Handling to Make Operational Decisions -Jean-Louis Cordier, Nestlé Nutrition
    - iii. Phil joined the call and mentioned that this would be beneficial to the industry.
    - iv. The PDG was in support of this topic, no additional volunteers needed on this symposium.
- **Veggie Tales- Challenges and Considerations Confronting Food the Safety of Fresh Produce (Pat Rule)**
    - i. Pat discussed that the symposia is planned to be a 4-6 speaker symposia to discuss the challenges with the safety of fresh produce. It would discuss pathogen testing in the lab and the challenges of method validation- Kristi McCallum. Then the second speaker historical perspectives of outbreaks last 100 years vs. the last decade to also tie into the 100yr IAFP celebration- Michael Doyle or Larry Beuchat. The third speaker would discuss novel sampling methods and considerations when testing the commodity- Mary Lou Tortorello .The fourth speaker to discuss industry perspective and the progress made by producers in production and control- Barry Eisenberg.
    - ii. Pat mentioned that she obtained an email from Vanessa to possibly include the challenges of washing produce at the restaurant level.
    - iii. The PDG supported this symposia and Maya Achen volunteered to assist in the development.
    - iv. If you have an interest in contributing to the development of this topic please contact [patricia.rule@na.biomerieux.com](mailto:patricia.rule@na.biomerieux.com)
- **Global Food Safety- What should we focus on today for tomorrow's results? (Keith Lampel, Pam Wilger)**
    - i. Vanessa discussed that the outline was sent via email since Keith or Pam were able to make the call. Keith and Pam submitted a global food safety symposia 'What should we focus on today for results tomorrow'. It was suggested a 6 speaker symposia

followed by a panel discussion. This symposium had a goal for a call to action and Dr Schaffner from the board indicated he was willing to sit on the panel.

- ii. The first topic would discuss defining the global situation on international commerce and food safety where we are today- Larry Keener, GHI.
  - iii. The second speaker Pensri Rodma, FAO Thailand to discuss global capacity for lab capacities, infrastructure issues, knowledge and training of lab personnel, cost of regulatory compliance and risk analysis.
  - iv. The third speaker to address the challenges- toolbox of the future possible topics WHO/FAO, European (EFSA), PAHO, Asia OR Organizations JEMRA, JECFA, JMPR – risk assessment OR GIFSA – the global initiative for food-related scientific advice OR Role of NGOs in global food safety OR Regulatory Agencies- Global issues on harmonization
  - v. The fourth speaker from The World Bank to discuss priorities of funding and expected outcomes
  - vi. The fifth speaker Patrick Walls, ESFA to discuss changing cultures on different levels and what will it take.
  - vii. Vanessa mentioned that the scope of this symposium extended beyond the Applied Lab Methods PDG and that she reached out to Ewen Todd with the Committee on Foodborne Illness and Dr Farber with the International Food Protection Issues PDG. They have both confirmed that the symposia will be mentioned on their teleconference for obtaining feedback and comments for development.
  - viii. Pat mentioned that a PDG should develop any good suggestion regardless of the application to the PDG.
  - ix. Don Schaffner discussed that there is no pre disposed number of symposia a PDG can support, regardless of topic. The program committee looks at all of the ideas and try to balance the topics submitted they do not select a certain number from each PDG.
  - x. The PDG supports this symposia development. If you have an interest in contributing to the development of this topic please contact [Keith.L.Lampel@fda.hhs.gov](mailto:Keith.L.Lampel@fda.hhs.gov)
- Additional Symposia Topics for Discussion
    - i. There were no additional symposia for discussion.
- b) Workshop Planning 2010 Update- None
- c) Roundtable Planning 2010 Update
- **Testing Tales Tall but True: From the Real World (Julian Cox, Patrice Arbault, Jeff Kornacki)**
    - i Julian submitted an email on the outline that the the aim would be to have several speakers present anecdotes of use of test methods that didn't go quite right, with each having a 'moral' to the story (a bit like microbiological Aesop's Fables). Then open up the session to discussion of other issues. The stories coming from this could form the basis of a 'tips and tricks' article for publication in FPT (as such anecdotes rarely find their way into the mainstream literature).
    - ii. Patrice and Jeff have been involved in the outline discussion of this roundtable.
    - iii. Yvonne liked the concept of Aesop Fables for microbiology.
    - iv. If you are interested in contributing to this roundtable please contact [julian.cox@unsw.edu.au](mailto:julian.cox@unsw.edu.au) or [patrice.arbault@bioadvantage.fr](mailto:patrice.arbault@bioadvantage.fr)
- d) 100 Year Celebration
- **A microbiology exhibit of scientific instruments and tools through the years (Mary Lou Tortorello)**

- Mary Lou discussed that she got the idea during IAFP that it would be structured similar to how the silent auction was set up; instead it would showcase 100 years celebrating microbiology with an exhibit of instruments. It would also require assistance from the local affiliate.
- Don mentioned that this would align with the on-going activities of the 100yr committee and that Fred Weber should be contacted.
- Reginald Bennett indicated that with his years of experience he should have something to contribute.
- Pat mentioned that she had submitted an idea for a concept of 'Micro Bowl' to have multiple questions asked on micro with different groups directly to the committee.
- Mary Lou to draft a letter that would be sent to IAFP for then reaching additional IAFP members for participation.

## II Article for Food Protection Trends

- a) Roundtable Discussion on USDA FSIS method expectation for non-O157 STEC testing of raw ground beef and manufacturing trim with compilation of existing methodologies (Denise Eblen, Leslie Thompson, Vanessa Cranford).
  - i. Vanessa mentioned that the IAFP roundtable minutes were shared with the PDG and roundtable participants on 9/10/2010. Also that the FPT article will be a compilation of the methods currently available and the timeline is for the beginning of the year.
  - ii. If you are interested in working on this paper please contact [Vanessa.m.cranford@disney.com](mailto:Vanessa.m.cranford@disney.com)
- b) Pet Food general paper including animal feed methods for both indicator and pathogens, *Salmonella* serotypes that are missed by current methods of detection including there is an issue because there are people who are purchasing pet food for human consumption (Indaue Mello-Hall and Pat Rule).
  - i. Pat discussed that there has been no progress on this article yet.
  - ii. Vanessa mentioned that this quarter we focus on the symposia submissions and then next quarter we get the two FPT publications as planned during the annual meeting
  - iii. If you are interested in working on this paper please contact [patricia.rule@na.biomerieux.com](mailto:patricia.rule@na.biomerieux.com)

## III IAFP 100 Food Safety Tips

- a) The creation of a comprehensive list to sent to IAFP from the Applied Lab Methods PDG. Email suggestions to Leslie Thompson [lthompson@aegisfoodlabs.com](mailto:lthompson@aegisfoodlabs.com) for compiling.
  - i. The Applied Lab Methods PDG is trying to compile a list of food safety tips for IAFP. If EACH member could submit one tip, Leslie will compile the list for the PDG.
  - ii. Don indicated that IAFP has not given a date deadline.
  - iii Vanessa suggested that the PDG's deadline would be Oct 18<sup>th</sup> which is the same date as symposia submissions.

## IV Educational Session

- a) Detection of Food Allergens: Current Analytical Methods and Future Needs  
Oct 13<sup>th</sup> 2010  
Lauren Jackson, Ph.D.  
Research Food Technologist  
U.S. Food and Drug Administration  
National Center for Food Safety & Technology
  - i. There was much discussion on whether this educational session should be free to our PDG or open to all members/non-members as a paid webinar. The majority of the attendant

were still not in favor of a paid webinar but were willing to have this educational session as a paid trial.

- ii. The following members Dr Brodsky, Patrice, Pat, Nandini, Mary Lou, Reginald, Omar, Phil, Leslie and Vanessa were willing to have a trial paid webinar. Yvonne was opposed.
- iii. The PDG decided that the members who did not attend the call should have an opportunity to voice their opinion. Please email [Vanessa.m.cranford@disney.com](mailto:Vanessa.m.cranford@disney.com) if you are willing to have a trial paid webinar or are opposed by September 30<sup>th</sup> and then the decision will be communicated.

V Next Meeting Date

- Conference Call **October 8<sup>th</sup> 1:00pm EST** for final draft outlines and comments to symposia development before IAFP electronic submission.

Concluded: 4:35pm EST