

Applied Laboratory Methods PDG

Attendees: Adebayo Afuape, Sufian Alkhalidi, Abdur Amin, Hany Anany, Elisa Andreozzi, Julie Audy, Uma Babu, Jianfa Bai, Kannan Balan, Marc Barrett, Junia Beaubrun, Tamrat Belete, Dan Belina, Scott Benko, Lenore Bennett, Reginald Bennett, Sylvia Bergman, Arun Bhunia, Yige Bima, Bledar Bisha, Preetha Biswas, Alex Brandt, Tom Bruursema, Marisa Bunning, Kellie Burris, Melanie Butler, Allen Byrd, Catharine Carlin, Adam Castillo, Mara Celt, Jeffrey Chandler, Evan Chaney, Sandra Chaves, Stella Chen, Yi Chen, Anna Colavecchio, Angel Conde, Peter Cook, Bryan Curtis, Gregory Danzeisen, Xiangyu Deng, Xiaohong Deng, Govindaraj Dev Kumar, James Dickson, Sara Diederich, Erin Dreyling, Lindsay Edinger, Franck Edouard, Hesham A Elgaali, Blanca Escudero-Abarca, Jose Emilio Esteban, Laura Ewing, Patrick Fach, Jeremy Faircloth, Khashayar Farrokhzad, Peter Feng, Jorge Franco, Zhujun Gao, Alejandro Garrido-Maestu, Mirijam Garske, April Garza, Ireneusz Gasienica, Ted Gatesy, Solomon Gebru, Zachery Geurin, Amanda Gilchrist, Serena Giovinnazzi, Bret Glembocki, Jonathan Glynn, Facundo Gomez Vera, Gustavo González, Lawrence Goodridge, Gopal Gopinath, Karen Gregory-Williams, Susan Gregro, Josephine Greve, Miguel Gutierrez, Jennifer Hait, Rasas Haji, Mohammed Hakeem, Nur Hasan, Joseph Haymaker, Jim Heemstra, Joe Heinzelmann, Kelli Hiett, Sunee Himathongkham, Maria Hoffmann, Edan Hosking, Kristen Houck, Chiun-Kang Hsu, Rosemarie Ilic, Tim Jackson, John Jarosh, Karen Jarvis, Lee-Ann Jaykus, Amy Jones, Soontag Jung, Dallas Kantoci, Julie Kase, Brenda Keavey, Shivaram Keelara, Yasu Komoto, Shigenobu Koseki, Sarah Kozak, Brian Kraus, Keith Lampel, Marla Leal Cervantes, Loralyn Ledenbach, David Legan, Susan Leonard, Wan Mei Leong, Yanbin Li, Eunseob Lim, Shaunti Luce, Dumitru Macarisin, Nicole Maks, Frederic Martinez, Sandra McCurdy, Mohammad Melebari, Marianne Miliotis-Solomotis, Jesse Miller, Amie Minor, Guido Mix, Kevin Mo, Zahra Mohammad, Paul Morin, David Morrison, Stephanie Morse, TG Nagaraja, Chad Nelson, Angela Nguyen, Xiangwu Nou, Taylor Oberg, Chris Okolo, Holly Paden, Xinyi Pang, Salina Parveen, Frederic Pastori, Isha Patel, Anne-Marie Percec - Merien, Alma Perez-Mendez, Vera Peterson, Félix Piat, Stephanie Pollard, Prasant Prusty, Beatriz Quiñones, Christophe Quiring, Roy Radcliff, Jordan Recker, Rachel Rodriguez, Deana Rolheiser, Luca Rotundo, Angela Ruple, Holger Schoenenbruecher, Brooke Schwartz, Jue Shah, Arlette Shazer, Hansaem Shin, Subash Shrestha, Gregory Siragusa, Daniel Smieszek, Thierry Sofia, Daniele Sohier, Tyler Stephens, Iryna Sybirtseva, Ben Tall, Sandra Tallent, Melody Thompson, Leslie Thompson-Strehlow, Laura Tobilla, Magaly Toro Ibaceta, Mary Torrence, Jean-Philippe Tourniaire, Eric Tovar, Julie Vantine, Purnendu Vasavada, Diane Walker, Chun Wang, Hong Wang, Ronghui Wang, Xinyue Wang, Benjamin Waring, Pamela Wilger, Tamara Wood, Jacquelinna Woods, Jian Wu, Shuang Wu, ZHENG WU, Xingning Xiao, Charles Young, Christine Yu, Edith Zambrana, and Guodong Zhang.

Total Number of Attendees: 193.

Meeting Called to Order: 3:15 p.m., Sunday, July 9, 2017.

Minutes Recording Secretary: Keith Lampel.

Old Business: Attendees were informed of the badge scanning system at the entrance to record attendance. Attendees were also reminded to check their membership profile to either add or delete membership in PDGs.

Pam Wilger made the motion to accept the 2016 ALM minutes. Seconded by Ben Tall.

Tim Jackson, representing the IAFP Board spoke to the members. He reminded to support students who are attending the meeting.

Omar recapped the webinar sponsored by the ALM PDG last year on the complexity of Shiga toxin producing *E. coli* in flour. Speakers in this webinar were Peter Feng, Karen Jinneman, and June Wetherington, all employees of the U.S. Food and Drug Administration.

Omar presented a list of all ALM sponsored symposia for IAFP 2017 that will occur on Monday, Tuesday and Wednesday.

New Business: The following speakers made short presentations:

- Larry Goodridge spoke on *Salmonella* systematics that included 5000 genomes of this genus were sequenced, which included common and rare serovars. Briefly described the process of isolating colonies of strains that led to false positives. The bacterium that gave these results were identified as a *Citrobacter* strain. Specific markers, e.g., fliC were found to be highly homologous to *Salmonella*. Also found cryptic phages that yielded false positive results. False negative results led to research on target genes that may influence these results as well that virulence factors were found to be present.
- Lee Ann Jaykus gave an update on NoroCore which is in its final year of funding. The highlight for the past year was the publication of a method to propagate norovirus in culture. However, this method is expensive, somewhat cumbersome and only 3 rounds of replication occur. Better methods are still needed.
- Isha Patel gave an overview of the development and utility of a microarray assay, the *E. coli* Identification array. This array can identify and characterize *E. coli* isolates including O and H serotypes, virulence markers and notably *stx* variants. The assay takes a total of 24 hours which includes 2 hours of hands-on manipulation and only 15 minutes of analysis.
- James Rogers from Consumer Reports presented the current focus of CR to inform consumers about food safety. They are performing some testing of foods which has led to the introduction of the idea of presenting to the consumer risk assessment and a decision tree.

All speakers were asked to submit a summary of their presentation to Omar. Omar provided real-time surveys that concentrated on issues relevant to the ALM PDG.

1. Recommendations for the PDG-Webinars and Symposia. From the survey data from a month ago, only 18 responses out of a total of 400 members were recorded.
2. Several real time surveys were conducted during the meeting to inquire what the membership was interested in, which include topics for discussions, symposium and webinars.
 - a. Topics included: (1) are you planning to submit a symposium proposal; (2) Which topic would you consider; (3) Topics for webinars; (4) Other topics for webinars; (5) Interest groups

Omar mentioned that Symposium proposals are due by Oct. 3, 2017. Keith reviewed the parameters expected for proposals as relayed to chairs and vice chairs at the committee meeting the day before.

A call was made to have the members consider for next year to be a mentor to travel student awardees. They are to contact Susan Smith if interested.

An open discussion followed where participants had the opportunity to suggest topics for sessions for IAFP 2018. The topics suggested will be compiled by Omar and Keith and shared with the PDG members to help submit proposals for next year's meeting.

Numbered List of Recommendations to the Executive Board:

1. If a full symposium is accepted as a half symposium, please allow for the 6 speakers to talk albeit for 15 minutes. This will enable the organizers to address the subjects of the title of the symposium as designed. Selecting only 3 speakers may not fully address the objectives of the symposium and omit critical talks to that subject.

Next Meeting Date: July 8, 2018, Salt Lake City, UT.

Meeting Adjourned: 4:25 p.m.

Chairperson: Omar Oyarzabal.