

## Viral and Parasitic Foodborne Disease PDG

**Attendees:** Abebe Aberra, Mohammed Alhejaili, Maria Almeria, Pablo Alvarez, Keith Amoroso, Brienna Anderson, Preetha Biswas, Michelle Bogda, Elizabeth Bradshaw, Catharine Carlin, Laurenda Carter, Changsun Choi, Hediye Cinar, Shani Craighead, Cecilia Crowley, Alexandre Da Silva, Mauricio Durigan, Blanca Escudero-Abarca, Jeremy Faircloth, Laurie Farmer, Brady Fuchs, Ireneusz Gasienica, Alkmini Gavriil, Tiah Ghostlaw, Gopal Gopinath, Stephen Grove, Jack Guzewich, Ashley Hartzog, Tim Jackson, Lee-Ann Jaykus, Julie Jean, Tineke Jones, Soontag Jung, David Kingsley, Tony Kountoupis, Justin Lee, Zhe Li, Melissa Louis-Juste, Chip Manuel, Dawn McKinney, Naim Montazeri, Helen Murphy, Mellonie O'Neill, Geun Park, HyunKyung Park, Anne-Marie Perchec - Merien, Huan Qiao, Yvonne Qvarnstrom, Jordan Recker, Artur Rzezutka, Dong Joo Seo, Arlette Shazer, Adrienne Shearer, Hansaem Shin, Gloria Swick-Brown, Jan Vinje, Qihong Wang, Mu Ye, Christine Yu, and Zijin Zhou.

**Number of Attendees:** 60.

**Meeting Called to Order:** 9:00 a.m., July 9, 2017.

**Recording Secretary of Minutes:** Stephen Grove.

**Welcome and Introductions:** David Kingsley, PDG Acting Chair (Efstathia Papafragkou absent).

**Report from IAFP Executive Board:**

**Old Business:** 2016 PDG meeting minutes were approved by members.

**New Business:**

- Election of Vice Chair: Candidates provided an introduction and an election was held. Alex DaSilva was elected Vice Chair of the PDG.

Overview of current topics of interest:

- Lee-Ann Jaykus, North Carolina State University, provided an update on activities within NoroCORE. Project wrapping up; officially ends May 2018. Showcase meeting scheduled for March 2018 in Atlanta, GA to provide an overview of project accomplishments. Big accomplishments include a cell culture for human norovirus and strong stakeholder engagement and social engagement activities. Looking for feedback on how research activities may continue after 2018.
- Alex DaSilva, FDA, provided an update on *Angiostrongylus cantonensis*, a rat lungworm, and the concern of transmission via slugs.

Discussion of ideas and topics for IAFP 2018:

- Viral metagenomics
- Industry-oriented management of viruses
- Transferring advances in clinical and public health into food industry – moving towards metagenomics; how to sell a virus-oriented metagenomics session.
- Update on norovirus culturing achievements – what are the challenges, accomplishments? Consider working with Applied Laboratory Methods PDG on difficulties in culturing pathogens, Hep E culture method, potentially a Toxoplasma presentation. Consider focusing on benefits to the industry. Lee-Ann and Chip to propose a session on NoroCORE and its benefits to the food industry and public health.

- Testing and methodology – availability of genome detection to the food industry; considerations of viability/infectious bacteria and viruses. Consider update in methods that can differentiate infectious and non-infectious pathogens.
- How would a facility validate that their clean up method is effective after a vomiting event – co-sponsored with Food Hygiene and Sanitation PDG.
- Surface disinfection strategies for viruses – Naim.
- Water contamination issues can find suitable topics crossing viruses, parasites and bacteria in contaminating water, co-sponsored with Water PDG.
- Norovirus vaccine development – phase 2 study underway. Consider a session in 2019.
- Zoonotic transmission/unusual transmission of viruses – Hep E via milk. No evidence of zoonotic norovirus transfer.
- Toxoplasma in dry cured ham – not enough information to show it can survive in properly cured ham.
- Nematodes transmitted by fish – *Anisakis*? What other issues with viruses in fish and seafood?

**Recommendations to the Executive Board:**

1. Recommend approval of Alexandre Da Silva as Vice Chair.

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

**Meeting Adjourned:** 10:33 a.m.

**Acting Chairperson:** David Kingsley.