

Microbial Modelling and Risk Analysis PDG

Attendees: Panagiotis Skandamis (Chair), Sofia Santillana Farakos (Vice Chair), Jean-Christophe Augustin, Alda Pires, Alex Kalbasenka, Amani Babekir, April Bishop, Virginie Barrere, Bala Kottapalli, Beatriz Silva, Bradley Marks, Brendan Ring, Brian Himelbloom, Chase Golden, David Legan, Dennis Seman, Don Schaffner, Doug Marshall, Erica Zurowski, Francisco Garces-Vega, Fred Cook, Gale Prince, Andy Hwang, Ian Hildebrandt, James Dickson, Jiin Jung, John Bassett, Larry Steenson, Leon Gorris, Lisa Lucore, Maarten Nauta, Marcel Zwietering, Matt Igo, Mike Batz, Narindra Randriamiarintsoa, Nur Hasan, Phil Steinbrunner, Quincy Suehr, Raj Rajagopal, Richard Whiting, Ricky Falkenberg, Robert Buchanan, Romina Zanabria, S. Balamurugan, Sarah Murphy, Sarma Nelissen-Manurung, Subash Shrestha, Vikas Gill, and Yuhuan Chen.

Staff Present: Didi Loynachan and Dina Siedenburg.

Number of Attendees: 51.

Meeting Called to Order 10:00 a.m. Eastern Time, Friday, September 25, 2020.

Minutes Recording Secretary: Sofia Santillana Farakos.

Old Business: No matters arising from the 2019 PDG Meeting.

New Business: We thanked Bala Kottapalli, Past Chair of the PDG and welcomed Sofia Santillana Farakos, new Vice Chair of the PDG. Panagiotis Skandamis is the current Chair of the PDG.

We read the SRA mission statement (no further updates this year) and provided the ICPMF update, based on slides provided by Fernando Perez-Rodriguez. These include that there are two new members who joined ICPMF committee: Dr. Heidy Den Besten University of Wageningen, The Netherlands and Dr. Shinegu Koseki, Hokaido University, Japan. We provided the updates on student training and dissemination of predictive modelling activities in social media. We also announced that Agrostat 2021 symposium – Software tools, Predictive Microbiology and Risk assessment and Meta-analysis will take place 8-11 June 2021 in Portugal.

We had Dr. Donald Schaffner as our guest speaker who discussed: "Virus risk in the food industry – food supply chain past and future." Don provided a great presentation and also discussed a new area of research on his team which relates to FoodCoVNET managing SARS CoV2 within the food industry filling data gaps and impacting behavior.

We presented two student "best abstracts" in the MMRA area of the year and showed the certificates online. The 2nd place was for Quincy Suehr, Michigan State University: Poster # 24689: Integration of Pathogen Reduction Models within Computational Fluid Dynamics Simulations of the Spray Drying Process. Quincy gave a flash presentation (10 min.) based on slides that he had also shared in advance. The 1st place was for Xiabing Cheng, University of Illinois: Poster #23621: Simulating Shelled Corn Sampling to Improve Sampling Plans for Mycotoxin Detection. Xiabing sent his apologies for not attending the meeting.

We then discussed the symposia/roundtables accepted/rejected for 2020 and indicated that there is an Excel posted on IAFP Connect library of the community. We provided the webinars that the PDG has organized since 2012 and encouraged members to come up with ideas. We then had a discussion of ideas for future symposia/roundtables/workshops. These included: 1) Webinar on management of SARS CoV2 within the food industry, 2) Software fair session and Webinar, 3) Communicating risk to upper management in a company, 4) Risk ranking for multiple foods and multiple hazards, 5) QMRA in LMI countries (with the International committee), and 6) Lack of understanding of residual risk (Potential collaboration with the HACCP and Food Law PDG).

The Chair then drew everyone's attention to another announcement that was shared through IAFP connect. The *JFP* editors have initiated an effort to list tentative topics for review for *JFP*. A draft list was circulated; for some reviews we have identified others and others not. We would like to initiate some expressions of interest throughout this committee. Also, two potential interest in reviews related to SARS COVID 19. Uploaded the file in the library for everyone to look through. Two of interest for this PDG: #8 and #9. QMRA of Foods and Update on Predictive Mathematical Models in Food Safety.

Recommendations to the Executive Board:

1. Recommend the Board approve Sofia Santillana Farakos as the new Vice Chair.

Next Meeting Date: July 18-21 2021, Phoenix, Arizona. Plan to organize a PDG meeting prior to IAFP 2021. Next meeting is officially for IAFP 2021.

Meeting Adjourned: 11:45 a.m. Eastern Time.

Chairperson: Panagiotis Skandamis.