

Advanced Molecular Analytics PDG

Attendees: Joelle Salazar (Chair), Mu Ye (Vice Chair, Jessica Chen, Niam Abeysiriwardena, Getahun Agga, Imran Ahmad, Olivia Arends, Cynthia Austin, Robert Barlow, Teresa Bergholz, Gabriela Betancourt Barszcz, Greeshma Bharathan, Rachel Binet, Amy Bosco, Jennifer Bosquez, Alex Brandt, Deborah Briese, Amanda Brookhouser-Sisney, Jessica Brown, Dana Buckman, Laurel Burall, Alexandra Calle, Astrid Cariou, Melvin Carter, Austin Cary, Michelle Catlin, Patrice Chablain, Tyler Chandross-Cohen, Kaicie Chasteen-Ko, Daniela Chavez-Velado, Yi Chen, Taejung Chung, Charlie Connolly, Roger Cook, Nisha Corrigan, Jianli Dai, Antonio De Jesus, Tom Denes, Suresh Devatkal, Caroline Smith DeWaal, Edward Dudley, Denise Eblen, Robyn Eijlander, Emilio Esteban, Michael Evangelista, Patrick Fach, Amanda Farrens, Jingzhang (Barry) Feng, Rebecca Furbeck, Ying-Xian Goh, Elizabeth Grasso-Kelley, Josie Greve-Peterson, Jisun Haan, Yihan He, Yosra Helmy, Sunee Himathongkham, Yuewei Hu, Lauren Hudson, Minji Hur, Atef Idriss, John Jarosh, Megan Jensen, Tahirah Johnson, Sarah Johnson, Miseon Kang, Janell Kause, Pete Kennedy, Unji Kim, Hyun Jung KIM, David Legan, Ioannis Liatsos, Huanli Liu, Xiyang Liu, Paul Liu, Pierre-Luc Longchamps, Gina Lorenzi, Yuxiao Lu, Jackie Lyle, Luis Maroto-Martin, Rodrigo Mendoza, Patrick Mies, Jesse Miller, Marlee Mims, Amit Morey, Andrew Morin, Peter Muriana, Cameron Parsons, Urmi Patel, Trevor Phister, Karen Pietrzen, Toni Poole, Bill Potter, Jorge Quintanilla Portillo, Ravinder Reddy, Marco Reina Antillon, Amber Richards, Lisa Riesberg, Karla Rodriguez Flores, Robert Roe, M. Laura Rolon, Abimel Salazar, Hilal Samut, Valeria Santillan, Deborah Sattely, Wayne Schlosser, John Schmidt, April Schumacher, Brooke Schwartz, Caroline Scranton, Trushenkumar Shah, Nikki Shariat, Hunter Sheffield, Amy Sicheloff, Katherine Sierra, Calvin Slaughter, Daniel Smieszek, Diana Stewart, Sriya Sunil, Celina To, Mark Turner, Brian Tyler, Adwy van den Berg, David Vargas, Nicholas Wagner, Isabel Walls, Chun Wang, Hua Wang, Surabhi Wason, Vanessa Whitmore, Stephanie Windschitl, Patrick Wouters, Shiwei Xu, Shaelyn Xu, Brad Yang, Lei Zhang, Jiayi Zhang.

Number of Attendees: 135.

Meeting Called to Order: Sunday, July 14, 2024, 1:00 p.m., Pacific Time.

Minutes Recording Secretary: Tyler Chandross-Cohen.

Old Business: The AMA leadership reviewed the antitrust guidelines for the IAFP meetings and members approved the 2023 AMA meeting minutes.

New Business: The Leadership was introduced: Jasna Kovac was introduced as the Outgoing Chair, Joelle Salazar was introduced as the AMA PDG Chair and Mu Ye was introduced as the AMA PDG Vice Chair-Elect. Tyler Chandross-Cohen was introduced as the Student Liaison for the AMA PDG. The antitrust guidelines were presented for the IAFP meetings. The IAFP 2024 Annual Meeting App was discussed before reviewing the 2024 AMA-sponsored symposia. Eighteen symposia/roundtable proposals were sponsored by the AMA PDG, where AMA was the primary sponsor for 7 of them. Six were accepted (33% success rate). The AMA PDG was the primary sponsor for 4 of the 6 symposia/roundtables. Co-sponsors included the Applied Laboratory Methods PDG, Modeling and Risk Analysis PDG, and International Food Protection Issues PDG. The 6 accepted proposals for the 2024 Annual Meeting were then discussed. The meeting updates from the Executive Board were shared, including the number of attendees for IAFP 2024 (more than 3,300), the number of current IAFP members (4,577), an announcement of prioritizing the quality and information rather than the number of sessions submitted from the PDG. The Executive Board also suggested that the PDGs should consider a webinar as a deliverable for the PDG, as there were over 4,000 views on the IAFP webinars in June. An update from the *Journal of Food Protection* was discussed including the special issue "Advancements of Machine Learning and Artificial Intelligence in Food Safety"; *JFP* will offer more special issues in the future. An update from the DEI council, Student PDG, and Mentor Match program were discussed. Robyn Eijlander and Jessica Chen both gave short presentations about Nanopore sequencing. The next IAFP Annual Meeting was introduced, which will be held from July 27–July 30, 2025, in Cleveland, Ohio. The guidelines for the IAFP Symposia/Workshop/Roundtable Proposal development were presented. The deadline for submission of 2025 proposals is October 1st, 2024. It was encouraged that the DEI principles would be considered during the webinar development and webinar series. It was noted that each proposal

needed to be sponsored by 2 PDGs, and members that are interested should email Joelle (Joelle.Salazar@fda.hhs.gov) or Mu (Mu.Ye@KraftHeinz.com). The PDG then discussed ideas for the 2025 IAFP symposia/workshops/roundtable proposals. Topics included: (i) using molecular analytics in seafood safety, (ii) techniques/methods for risk-based analysis of plant based foods, (iii) comparison of WGS platforms and advantages/disadvantages and applicability to a small lab or on-site, and (iv) the safety issues associated with transfer of AMR genes to food.

Recommendations to the Executive Board:

1. The AMA PDG recommends Mu Ye to the Vice Chairperson position.

Next Meeting Date: Sunday, July 27, 2025, Cleveland, Ohio.

Meeting Adjourned: 2:13 p.m., Pacific Time.

Chairperson Name: Joelle Salazar