

Advanced Molecular Analytics PDG

Attendees: Jasna Kovac (Chair), Joelle Salazar (Vice Chair), Kevin Gannon, Laura Rolon, Wan Zhan Lee, Daniel Smieszek, Nikki Shariat, Gabriel Sanglay, Karen McWilliam, Karen Pietrzen, Diana Stewart, Cameron Parsons, Larry Steenson, Kellie Burris, Hany Anany, Jesse Miller, Catherine Stewart, Xingchen Zhao, Kayla Kimble, Taejung Chung, Marysabel Mendez Acevedo, Johnathan Likens, Anru Shen, Chao Wang, Deborah Briese, Raghavendra Amachawadi, Peter Evans, Ava Weyrich, Gabriella Gephart, Heather Garcia, Paul Morin, Sandra Tallent, Patrice Bonny, Lijun Hu, Guodong Zhang, Lawrence Goodridge, Iain George, Rachel Binet, Eric Stevens, Xiangwu Nou, Edward Dudley, Padmini Ramachandran, Emily Forauer, Tina Caskey, Christophe Quiring, Hailey Davidson, William Botschner, Vannith Hay, Dharamdeo Singh, Yutong Wang, Rebecca Anderson, Rosa Heydenreich, Claudia Coronel-Aguilera, Shuopeng Yang, Megan Young, Ruth Timme, Maurisa Mansaray, Michael Fang, Maria Hoffmann, Francis Muchaamba, Beilei Ge, Catherine Rolfe, Tamara Walsky, Hiroki Abe, Nahla Eltai, Alejandro Garrido, Sanjay Gummalla, Joshua Owade, Tlaleo Marole, Byron Brehm-Stecher, Lang Yao, Keith Lampel, Francisco Diez-Gonzalez, Minji Hur, Jani Holopainen, Lauane Araujo, Flor Ortiz Martin, Mike Clark, Sonia Singh.

Number of Attendees: 78.

Meeting Called to Order: 9:00 a.m. Eastern Time, Sunday, July 31, 2022.

Minutes Recording Secretary: Xingchen Zhao, Laura Rolon.

Old Business: The leadership reviewed the antitrust guidelines for IAFP meetings and members approved the 2021 AMA PDG meeting minutes.

New Business: The leadership was introduced: Jasna Kovac assumed the AMA PDG Chair position, and Joelle Salazar assumed the AMA PDG Vice Chair position. An overview of the 2022 IAFP Annual Meeting symposia that the AMA PDG sponsored was presented. The AMA PDG sponsored eight symposia proposals, and 6 of these were accepted (75%). Among the six accepted proposals, AMA PDG was the primary sponsor for three symposia. Applied Laboratory Methods PDG was a frequent co-sponsor of AMA PDG-sponsored symposia. The meeting

updates from the Executive Board were shared, including the expected 2022 IAFP Annual Meeting attendance and exhibitors, the opportunity to donate to the IAFP 4 for 40 campaign, the transition of *JFP* to Elsevier, and the ongoing Mentor Match program. The guidelines for proposal symposium/workshop/roundtable proposal development were outlined. The deadline (October 4, 2022) for the submission of proposals is October 4, 2023. Each proposal needs to be sponsored by 2 PDGs, and members should encourage the involvement of international institutes and students. Symposia should include speakers from government, industry and academia to gain a broader perspective in the sessions. Members were encouraged to share their ideas for symposia/workshop/roundtable proposals for the 2023 IAFP Annual Meeting. Attendees brainstormed potential topics of interest for the 2023 IAFP Annual Meeting symposia, roundtables, and workshops. Topics included: (i) integrated use of molecular analytics, social media and telehealth systems to predict outbreaks; (ii) use of WGS/epidemiologic data for source attribution; (iii) logistics of successful international collaborations and approaches to the assessment of existing resources and capabilities; (iv) integration of phenotypic and molecular methods for assessment of virulence; (v) use of big data for risk assessment – how to identify data that is biologically relevant; (vi) how to effectively incorporate junior scientists and scientists from diverse backgrounds into large-scale projects; (vi) how to get creative with funding (e.g., doing more with less); (vii) use of transcriptomics; (viii) how to get significant biological information from risk assessment and how to use it more effectively. Jasna and Joelle shared a link to an online poll to identify time for the development of AMA-focused symposium/workshop/roundtable proposals.

Recommendations to the Executive Board:

1. AMA PDG recommends the approval of newly elected Joelle Salazar as the AMA PDG Vice Chair.
2. Consider developing a central theme (e.g., a special message/series of topics) for each IAFP Annual Meeting that would communicate the current goals/aspirations of the Association.

Next Meeting Date: Toronto, Ontario, Canada, July 16, 2023.

Meeting Adjourned: 11:00 a.m. Eastern Time, Sunday, July 31, 2022.

Chairperson: Jasna Kovac.