

12th Annual Individualizing Medicine Conference

May 4, 2023

Ponte Vedra Inn & Club, Ponte Vedra Beach, FL

All times listed are in Eastern Time Zone

Functional Omics Pre-Conference Session

9:00 AM	Breakfast and Registration
9:30 AM	Introduction and Welcome <i>Karl Clark, PhD, Laura Lambert, PhD</i>
9:35 AM	What is Functional Omics and How do Clinicians and Patients Benefit? <i>Eric W. Klee, PhD</i>
9:55 AM	Evaluating Patient Variants with Translational Omics <i>Karl Clark, PhD</i>
10:10 AM	Baylor Testing – Center for Precision Medicine Models <i>Jason Heaney, PhD</i>
10:25 AM	Jax Labs Testing – Center for Precision Genomics <i>Cathleen (Cat) Lutz, PhD, MBA</i>
10:40 AM	UAB Center for Precision Animal Modeling (C-PAM) <i>Elizabeth (Liz) Worthey, PhD</i>
10:55 AM	Questions and Answers Session <i>Karl Clark, PhD, Jason Heaney, PhD, Cathleen (Cat) Lutz, PhD, MBA, Elizabeth (Liz) Worthey, PhD</i>
11:10 AM	The Future of Functional Omics at Mayo Clinic <i>Laura Lambert, PhD</i>
11:25 AM	ASOs <i>Margot Cousin, PhD</i>
11:35 AM	Clinical Success Stories <i>Klaas Wierenga, MD</i>
11:45 AM	Clinical Success Stories <i>Karthik Muthusamy, MBBS</i>
11:55 AM	Questions and Answers Session <i>Eric Klee, PhD, Karl Clark, PhD, Laura Lambert, PhD, Karthik Muthusamy, MBBS, Klaas Wierenga, MD</i>
12:15 PM	Lunch and Adjourn

Digital Omics – Empowering the Future of Medicine Pre-Conference Session

12:15 PM	Lunch and Registration
12:45 PM	Introduction and Welcome <i>Cherisse Marcou, PhD, Mathieu (Mat) Wiepert, MS</i>
1:00 PM	Challenges of Harmonizing Omic Data Over Time <i>Robert (Bob) Freimuth, PhD</i>
1:15 PM	Genomics Data Utilization (GDU) <i>Jennifer Skierka</i>
1:30 PM	Right to Use <i>Cherisse Marcou, PhD</i>
1:45 PM	Panel Discussion <i>Mathieu (Mat) Wiepert, MS, Cherisse Marcou, PhD, Robert (Bob) Freimuth, PhD, Jennifer Skierka</i>
2:15 PM	Break: Lobby
2:30 PM	Promises of Multimodal Data Organization in Cancer Research and Practice <i>Irbaz Riaz, MBBS</i>
2:45 PM	RENEW – A Semi-Automated Approach to Ending Patients' Genetic Odyssey <i>Rory Olson, PhD</i>
3:00 PM	Advancements of Scientific Data Representation <i>TBD</i>
3:15 PM	Panel Discussion <i>Nathaniel (Nate) Rykal, Eric Klee, PhD, Rory Olson, PhD, Irbaz Riaz, MBBS, TBD</i>
4:00 PM	Closing Comments & Adjourn <i>Eric Klee, PhD</i>

12th Annual Individualizing Medicine Conference

Direct-to-Patient Omics-Based Clinical Trials

May 5, 2023

Ponte Vedra Inn & Club, Ponte Vedra Beach, FL

All times listed are in Eastern Time Zone

7:30 AM	Breakfast
8:00 AM	Introduction and Welcome <i>Cathy Wurzer</i>
8:15 AM	Setting the Path for Distributed Clinical Trials <i>Tufia Haddad, MD Mayo Clinic</i>
8:45 AM	Tapestry Study at Mayo Clinic <i>Richard Presutti, DO Mayo Clinic</i>
9:15 AM	Optimizing Use of Real-World Data in Clinical Trials <i>Henriette Coetzer, MD CVS</i>
9:45 AM	Break with Refreshments
10:15 AM	Enhancing Participant Diversity in Clinical Trials Richard Weinshilbom, MD Keynote Speaker: <i>'Lola Fashioniya-Aje, MD FDA</i>
11:00 AM	Remote Monitoring and Digital Health Technologies <i>Arjun Athreya, PhD Mayo Clinic</i>
11:30 AM	Panel Discussion: Leveraging Remote Patient Monitoring and Digital Health Technologies in Clinical Trials <i>Arjun Athreya, MD, PhD, Yan Bi, PhD, Henriette Coetzer, MD, Tufia Haddad, MD, Sanskriti Thakur</i>
12:00 PM	Lunch & Scientific Poster Session
1:00 PM	Improving Geographic Diversity Through Direct-to-Patient Trials <i>Prasad Iyer, MD Mayo Clinic</i>
1:30 PM	Leveraging Biobank Genomic Data to Advance Clinical Trials for Diabetes <i>Jessica Wilson, MD Mayo Clinic</i>
2:00 PM	Personalized Neoantigen Targeted Therapeutics – The Mayo Clinic Experience in Florida <i>Yan Asmann, PhD Mayo Clinic</i> <i>Yanyan Lou, PhD Mayo Clinic</i>
2:30 PM	Emerging Opportunities for Expanding Clinical Trials Participation <i>Sanskriti Thakur Medable</i>
3:00 PM	Break with Refreshments
3:35 PM Breakout Sessions	GS - Poster Awardees <i>3 Distinct Poster Presenters</i>
	1A – Applied Data Science and Artificial Intelligence in Pharmacology <i>Arjun Athreya, PhD Mayo Clinic</i>
	1B –Digital Technology to Support Clinical Trials (Not available for CME) <i>Antonio Forte, MD, PhD Mayo Clinic</i> <i>Tae Hyun Hwang, PhD Mayo Clinic</i>
4:30 PM	Transition
4:35 PM Breakout Sessions	GS - Poster Awardees <i>3 Distinct Poster Presenters</i>
	2A – Functional Omics <i>Karl Clark, PhD Mayo Clinic</i> <i>Jason Heaney, PhD Mayo Clinic</i> <i>Laura Lambert, PhD Mayo Clinic</i>
	2B – Overview of Multi-Omics Approaches <i>Nicholas Chia, PhD Mayo Clinic</i> <i>Yitan Zhu, PhD Argonne National Laboratory</i> <i>Helena Mendes Soares, PhD OneOme</i>
5:30 PM	Reception at Surf Club Patio Restaurant Special Event: Rare Storytellers: Mayo Clinic <i>Jaroslaw Dulski, MD, PhD, Ernesto Ayala, MD, Lisa Miller, Mary Kenney</i>

12th Annual Individualizing Medicine Conference
Direct-to-Patient Omics-Based Clinical Trials
 May 6, 2023
 Ponte Vedra Inn & Club, Ponte Vedra Beach, FL
All times listed are in Eastern Time Zone

7:30 AM	Breakfast
7:55 AM	Introduction and Welcome <i>Cathy Wurzer</i>
8:00 AM	Mayo Clinic in Florida <i>TBD</i>
8:15 AM	AI and Patient Privacy <i>Judy Wawira Gichoya, MD Emory University (virtual)</i>
8:45 AM	Ethical Considerations in Genomics Driven Direct-to-Patient Trials <i>Ellen Wright Clayton, JD, MD Vanderbilt University</i>
9:15 AM	Patient Registries to Advance Clinical Trials and Drug Approvals <i>Stacie Lindsey Cholangiocarcinoma Foundation</i>
9:45 AM	Break with Refreshments
10:15 AM	Leveraging Telemedicine and Forging Industry Partnerships to Transform Clinical Research <i>Keynote - Ann Mond Johnson American Telemedicine Association</i>
11:00 AM	BROWNIE: An Asynchronous, Wearable-Based Study of Burnout in Nurses <i>William Bobo, MD Mayo Clinic</i>
11:30 AM	Panel Discussion: Operationalizing Omics Driven Direct-To-Patient Trials <i>Tufia Haddad, MD, Ann Mond Johnson, Stacie Lindsey, Ellen Wright Clayton, JD, MD</i>
12:00 PM	Lunch
1:00 PM	Overview of Early Cancer Detection and Interception <i>Jim Cerhan, MD Mayo Clinic</i>
1:30 PM	Multi-Cancer Detection Tests <i>Eric Klein, MD Cleveland Clinic, GRAIL</i>
2:00 PM	Next-Generation Sequencing Methodologies to Detect Clonal Hematopoiesis <i>Terra Lasho, PhD Mayo Clinic</i>
2:30 PM	AI & Radiology Cancer Interception <i>Ajit Goenka, MD Mayo Clinic</i>
3:00 PM	Panel Questions & Answers <i>Jim Cerhan, MD, Eric Klein, MD, Terra Lasho, PhD, Ajit Goenka, MD</i>
3:45 PM	Closing Comments & Adjourn