



**applied  
biosystems**  
by Thermo Fisher Scientific

Date	Time	Track	Presentation Title	Speaker
29-Sep	06:00 - 06:30 AM	AgriBusiness	Animal Health Sample Extraction	Derek Grillo Sr Product Manager - Thermo Fisher Scientific
29-Sep	06:00 - 06:30 AM	COVID 19 Diagnostics	Fireside chat: When COVID-19 meets RSV and flu season	Manoj Gandhi, MD, PhD Senior Medical Director, Genetic Testing Solutions, Thermo Fisher Scientific
29-Sep	06:00 - 06:30 AM	Pharmacogenomics	Precision Medicine - The Triple Helix Approach	Anna Dominiczak, DBE MD FRCP FAHA FRSE FMedSci Regius Professor of Medicine - University of Glasgow
29-Sep	06:30 - 07:00 AM	AgriBusiness	African Swine Fever - How real-time PCR testing is used in China?	Li Xiang, PhD Technical Manager from China Animal Husbandry Group
29-Sep	06:30 - 07:00 AM	Cancer Research	Clariom D application in breast cancer	Yesim Gokem-Polar, PhD Associate Research Professor - Indiana University School of Medicine
29-Sep	06:30 - 07:00 AM	Pharmacogenomics	Preemptive PGx at Population-Scale: Implementation in Pittsburgh	Philip Empey, PharmD, PhD Director, Pharmacogenomics Center of Excellence; Associate Director, Institute for Precision Medicine - University of Pittsburgh
29-Sep	07:00 - 07:30 AM	Cancer Research	High-throughput, low-cost transcriptome profiling with the Clariom GO Screen Assay	Anthony Schweitzer Director, Expression Bioinformatics, Microarrays - Thermo Fisher Scientific

29-Sep	07:00 - 07:30 AM	Pharmacogenomics	Improve Lives, Reduce Costs and Simplify Decision-Making: Enterprise Pharmacogenomics	Jeffrey Shaman, PhD, MS Chief Science Officer - Coriell Life Sciences
29-Sep	07:30 - 08:00 AM	AgriBusiness	AgriSeq™ - Fast and Affordable Genotyping by Sequencing Solution for Breeding Programs	Srinivas Chadaram, PhD Sr. Product Manager, Agrigenomics - Thermo Fisher Scientific
29-Sep	07:30 - 08:00 AM	COVID 19 Diagnostics	Announcing the Thermo Fisher Scientific™ Amplitude™ Solution: High-Throughput, Highly Automated COVID-19 Testing	Hannah Pezzi, PhD Staff Scientist, Genetic Testing Solutions - Thermo Fisher Scientific
29-Sep	07:30 - 08:00 AM	Cancer Research	Quality control of human cell lines and other ex vivo-manipulated human samples	Steve Jackson, PhD Senior Manager, Product Applications - Thermo Fisher Scientific
29-Sep	07:30 - 08:00 AM	Pharmacogenomics	The Landscape of Pharmacogenetic Resources	Andrea Gaedigk, PhD Director, Pharmacogenomics Core Laboratory in the Division of Clinical Pharmacology & Medical Toxicology, Children's Mercy Kansas City; Professor of Pediatrics, University of Missouri-Kansas
29-Sep	08:00 - 09:00 AM	COVID-19 Diagnostics	Clinical Laboratory Experience with TaqPath COVID-19 Testing	Scott Hunicke-Smith, PhD Scientific Director - Clinical Pathology Laboratories
29-Sep	08:00 - 08:30 AM	AgriBusiness	Design and first Results from an Axiom custom SNP-array for Swiss cattle	Franz Seefried, PhD Senior Geneticist - QUALITAS
29-Sep	08:00 - 08:30 AM	Pharmacogenomics	How Comprehensive Pharmacogenomics Accelerates Personalized Therapies and Reduces Health Disparities for Minorities	Ulrich Broeckel, MD CEO and Founder of RPRD Diagnostics; Professor at Medical College of Wisconsin - RPRD Diagnostics
29-Sep	08:30 - 09:00 AM	Cancer Research	Genetic technologies for the discovery and verification of cancer immunotherapy biomarkers	Harita Veereshlingam, PhD Senior Product Application Scientist, Genetic Sciences Division - Thermo Fisher Scientific
29-Sep	08:30 - 09:00 AM	Pharmacogenomics	How to Select a Pharmacogenomics Platform for Clinical Research	Jami Elliott, MS, MBA Director, Business Development - Thermo Fisher Scientific

29-Sep	08:30 - 09:00 AM	Agribusiness	Technical Advances in Octoploid Strawberry Genomics and Genome-Informed Breeding	Steven J. Knapp Professor and Director of the University of California, Davis Strawberry Breeding Program
29-Sep	09:00 - 09:30 AM	COVID 19 Diagnostics	A conversation-What happens when COVID-19 meets flu season?	Manoj Gandhi, MD, PhD Senior Medical Director, Genetic Testing Solutions, Thermo Fisher Scientific
29-Sep	09:00 - 09:30 AM	Cancer Research	Verifying immunooncology-related gene expression patterns in colon tumor research samples using RFID-tagged TaqMan panels	Steve Jackson, PhD Senior Manager, Product Applications - Thermo Fisher Scientific
30-Sep	06:00 - 06:30 AM	Infectious Disease and SARS-CoV-2 Research	Comprehensive set of solutions for advancing SARS-CoV-2 research	Alain Rico Sr Manager, Market Development - Thermo Fisher Scientific
30-Sep	06:30 - 07:00 AM	Infectious Disease and SARS-CoV-2 Research	Towards antibody-based treatment of COVID-19 - A panel of human neutralizing mAbs targeting SARS-CoV-2 spike at multiple epitopes	Ohad Mazor, PhD Head, the Department of Infectious diseases - IIBR
30-Sep	06:30 - 07:30 AM	Clinical Oncology	Updates on the Use of Broad-Spectrum Copy Number Data in the Clinical Workup of CNS Neoplasia	Stewart G Neill, MD Assistant Professor, Pathology & Laboratory Medicine, Associate Director, Pathology Residency Program, Emory University
30-Sep	07:00 - 07:30 AM	Reproductive Health and Inherited Disease Research	miRNA biomarker discovery in cardiovascular research	Yuri D'Alessandra Sr. Researcher, Immunology and Functional Genomics Unit - Centro Cardiologico Monzino
30-Sep	07:00 - 07:30 AM	Infectious Disease and SARS-CoV-2 Research	SARS-CoV-2 and co-infections: A detailed survey of viral and bacterial respiratory pathogens	Vijay Singh, PhD Managing Principal Scientist , Molecular Diagnostics, HealthTrack, Rx
30-Sep	07:00 - 07:30 AM	Polygenic Risk Score & Population Health	The Road to Widespread Application of Polygenic Risk Scores in Health Care Delivery Decision Making	Andy Peterson, PhD Chief Scientific Officer - MedGenome Inc.
30-Sep	07:30 - 08:30 AM	Reproductive Health and Inherited Disease Research	Advancing Reproductive Health Through Innovative Genetic Analysis Solutions	George Hii Director, Global Market Development and Marketing, Reproductive Health - Thermo Fisher Scientific

30-Sep	07:30 - 08:00 AM	Clinical Oncology	Contribution of Chromosomal Microarrays to Precision Medicine in the Clinical Laboratory	Laila Mnayer, MS, PhD, FACMG Division Director, Molecular Pathology & Cytogenetics - Hartford Hospital, Hartford Healthcare
30-Sep	07:30 - 08:00 AM	Polygenic Risk Score & Population Health	Investigating genetic diversity in the VA's Million Veteran Program (MVP)	Saiju Pyarajan, PhD Director - Veteran Affairs
30-Sep	07:30 - 08:00 AM	Infectious Disease and SARS-CoV-2 Research	Two distinct immunopathological profiles in autopsy lungs of SARS-CoV-2	Viktor Kölzer, MD Attending Pathologist and Assistant Professor for Image Analysis in Pathology - University Hospital and University of Zurich Ronny Neinhold Group Head in Molecular Pathology - Institute of Pathology, Basel, Switzerland
30-Sep	08:00 - 08:30 AM	Polygenic Risk Score & Population Health	Cancer Genomics: What We Can Learn from Africa	Timothy Rebbeck Professor of Cancer Prevention at the Harvard T.H. Chan School of Public Health and the Dana-Farber Cancer Institute
30-Sep	08:30 - 09:00 AM	Clinical Oncology	Importance of MSI Using Liquid Biopsy for Studying Immunotherapy	Paul R. Walker, MD, FACP Chief Medical Officer - Circulogene
30-Sep	09:00 - 09:30 AM	Polygenic Risk Score & Population Health	Polygenic Risk Score analysis for Alzheimer's disease risk	Richard Pither, PhD CEO, Cytox Ltd, United Kingdom
30-Sep	09:00 - 09:30 AM	Infectious Disease and SARS-CoV-2 Research	The role of Sanger sequencing and fragment analysis by capillary electrophoresis in the fight against COVID-19	Steve Williams, PhD R&D Leader, Capillary Electrophoresis - Thermo Fisher Scientific
30-Sep	09:30 - 10:00 AM	Polygenic Risk Score & Population Health	Common risk variants and complex disorders	David C. Whitcomb, MD, PhD, FACP, FACG, AGAG Professor, Co-Founder Ariel Precision Medicine - Ariel Precision Medicine