Time	Room	Moderator	Topic	Presenter (First)	Presenter (Last)	Title
8:30 - 8:45am	Redwood A	Josh Lieberman	Microbiology	Chandler	Sy	In vitro activity of plazomicin and conventional aminoglycosides against genetically characterized carbapenem-resistant Enterobacterales bloodstream isolates
8:45 - 9am	Redwood A	Josh Lieberman	Microbiology	Thao	Truong	Evaluation of the performance and clinical impact of a rapid phenotypic susceptibility testing method directly from positive blood culture at a pediatric hospital
9 - 9:15am	Redwood A	Josh Lieberman	Microbiology	Regina	Kwon	Development of a Syphilis-Specific Molecular Assay
9:15 - 9:30am	Redwood A	Josh Lieberman	Microbiology	Robert	Potter	Detection of mecA-mediated methicillin resistance and evaluation of antimicrobial susceptibility characteristics of Staphylococcus saprophyticus isolates from geographically diverse locations
9:30 - 9:45am	Redwood A	Josh Lieberman	Microbiology	Carlos	Munoz Zuluaga	In vitro Activity of Eravacycline and Tigecycline Against Bloodstream Carbapenem-Resistant Enterobacterales Isolates
9:45 - 10am	Redwood A	Josh Lieberman	Microbiology	Angela	Ma	Performance of selective and chromogenic SSNoPRO and CT-SMAC agars for the isolation of Salmonella, Shigella spp., and E. coli serogroup O157 from stool cultures
10:30 - 10:45am	Redwood A	Patrick Mathias	Informatics	Ria	Fyffe-Freil	More Than Just Heart Disease: Predicting the Presence of Lipoprotein X using Lipid Panel Results
10:45 - 11am	Redwood A	Patrick Mathias	Informatics	Edward	Lee	Automated Gating and Interpretation of Clinical Flow Cytometry Data: A Computational Approach using Artificial Intelligence and Deep Learning
11 - 11:15am	Redwood A	Patrick Mathias	Informatics	Vahid	Azimi	Effect of an Automated Hemoglobin A1c Reflex on Socioeconomic Disparities in Testing Frequency and Glycemic Control
11:15 - 11:30am	Redwood A	Patrick Mathias	Informatics	Jacob	Kinskey	Rapid Analysis and Integration of Patient Clinical Data with SARS-CoV-2 Genome Sequence Data
11:30 - 11:45am	Redwood A	Patrick Mathias	Informatics	Paul	Simonson	Development of a generalizable UMAP-based approach for comparing clinical flow cytometry data with application to NPM1-mutated AML cohorts
8:30 - 8:45am	Redwood B	Monica Pagano	HemeCoag	Joseph	Lownik	Development of a 23-color flow cytometry panel for the characterization of myelomonocytic differentiation with applications for MRD testing.
8:45 - 9am	Redwood B	Monica Pagano	HemeCoag	Joshua	Lewis	An Automated Pipeline for Cell Differentials on Whole-Slide Bone Marrow Aspirate Smears
9 - 9:15am	Redwood B	Monica Pagano	HemeCoag	Mohammad	Barouqa	Incidence of Heparin Induced Thrombocytopenia (HIT) in patients with severe COVID-19
9:15 - 9:30am	Redwood B	Monica Pagano	HemeCoag	Xiaohua	Qi	A case report of type 2M Von Willebrand disease with unique mutations
9:30 - 9:45am	Redwood B	Monica Pagano	Transfusion Medicine	Dominique	Gordy	Mouse Model for Platelet Aggregation using Flow Cytometry
9:45 - 10am	Redwood B	Monica Pagano	Transfusion Medicine	Edward A.	Dent	Allocating Blood Products During a Time of Remarkable Shortage
10:30 - 10:45am	Redwood B	Tina Lockwood	Molecular Diagnostics	Patricia	Hernandez	HLA-B evolutionary divergence is associated with poor outcomes after SARS-CoV-2 infection
10:45 - 11am	Redwood B	Tina Lockwood	Molecular Diagnostics	Ryan	Martinez	Detection and quantification of EBV transcript in whole blood, plasma and paraffin embedded tissue samples from organ transplant recipients with concern of post-transplant lymphoproliferative disorder
8:30 - 8:45am	Willow A	Joyce Liao	Chemistry	Justine	Cole	Development of an Aid to Facilitate Clinical Adoption of Apolipoprotein B
8:45 - 9am	Willow A	Joyce Liao	Chemistry	Anastasia	Gant Kanegusuku	Analytical and Clinical Evaluation of the Automated Elecsys Tacrolimus Assay on the Roche cobas e602 Analyzer
9 - 9:15am	Willow A	Joyce Liao	Chemistry	Rebecca	Treger	A novel and robust approach to defining population-based reference ranges for a serum free light chain assay in a clinical laboratory
9:15 - 9:30am	Willow A	Joyce Liao	Chemistry	Thomas	Martins	Development of an Automated Complement C5 Functional Assay for Personalized Monitoring of Patients on C5 Inhibitors

Time	Room	Moderator	Category	First Name	Last Name	Title
9:30 - 9:45am	Willow A	Joyce Liao	Chemistry	Ka Keung	Chan	Benzodiazepine Analysis by an Improved LC-MS/MS Method Demonstrates Usage Patterns in Washington State
9:45 - 10am	Willow A	Joyce Liao	Chemistry	Nkechi	Arinze	The Clinical Significance of Light Chain Predominant Multiple Myeloma
10:30 - 10:45am	Willow A	Joyce Liao	Chemistry	Vrajesh	Pandya	Deceptively simple: Can urine samples from NexScreen cup be re-used for confirmatory testing?
10:45 - 11am	Willow A	Joyce Liao	Chemistry	Ruhan	Wei	Evaluation of Bio-Rad D100 for HbA1c testing of dried blood spot samples
11 - 11:15am	Willow A	Joyce Liao	Chemistry	Yi	Xiao	Implementation and Assessment of a SmartZone Alert to Notify Clinicians of Critical Hyperbilirubinemia in Preterm Infants Less Than 35 Weeks Gestation
11:15 - 11:30am	Willow A	Joyce Liao	Chemistry	Nazmin	Bithi	Method validation of an Inductively Coupled Plasma Mass Spectrometry (ICP-MS) assay for the analysis of Magnesium, Copper and Zinc in RBC
8:30 - 8:45am	Willow B	Jane Dickerson	Chemistry	Kai	Rogers	Evaluating the utility of a two-assay serological algorithm for Hepatitis C screening
8:45 - 9am	Willow B	Jane Dickerson	Chemistry	Heather	Nelson	On-Cell Stability for Therapeutic Drug Monitoring
9 - 9:15am	Willow B	Jane Dickerson	Chemistry	Cristina	Figueroa Villalba	Compliance or Abuse? Detectable hydromorphone in patients taking oxycodone
9:15 - 9:30am	Willow B	Jane Dickerson	Chemistry	Kang	Xiong-Hang	Evaluation of False Positive RPR Results and the Impact of SARS-CoV-2 Vaccination in a Clinical Population with a High Rate of Syphilis Utilizing the Traditional Screening Algorithm
9:30 - 9:45am	Willow B	Jane Dickerson	Chemistry	Ibrahim	Choucair	Detecting Exogenous Contamination of Clinical Blood Samples with Crystalloid Solutions: A Data Driven Approach to Derive and Validate Delta Checks
9:45 - 10am	Willow B	Jane Dickerson	Chemistry	Nicholas	Spies	Machine Learning Models Accurately Predict PTHrP Results But Fail To Predict Physician Behavior
10:30 - 10:45am	Willow B	Jane Dickerson	Laboratory Management	Paola	Ramos	Keep calm and invert on: Reducing blood recollection rates in the neonatal intensive care unit (NICU)
8:30 - 8:45am	Grand Ballroom C/D	Wayne Chandler	Student Awards	Ramya	Ramasubramanian	The role of cohabitation on adaptive and innate immune cell profiles in the Health and Retirement Study
8:45 - 9am	Grand Ballroom C/D	Wayne Chandler	Student Awards	Trevor	Killeen	Replacement Rates of Sodium in Severe Hyponatremia: Implications for Laboratory Monitoring and Notification
10:30 - 10:45am	Grand Ballroom C/D	Sean Murphy	YIA Distinction	Jamie	Marino	Impact of Microbiome Diversity and Gut Colonization Density on Risk of Bacteremia with Fluoroquinolone-Resistant Enterobacterales in Colonized Hematopoietic Cell Transplant Recipients
10:45 - 11am	Grand Ballroom C/D	Sean Murphy	YIA Distinction	Patrick	Vanderboom	Detection and quantification of Plasmodium spp. and Babesia sp. intraerythrocytic parasites by flow cytometry.
11 - 11:15am	Grand Ballroom C/D	Sean Murphy	YIA Distinction	Andrew	Laitman	Cost savings from a machine learning model to identify low prevalence SARS-CoV-2 samples for pooled PCR testing
11:15 - 11:30am	Grand Ballroom C/D	Sean Murphy	YIA Distinction	Sithara	Vivek	Cross-sectional analysis of Cytomegalovirus seropositivity, T cell subsets and Epigenetic age acceleration in the Health and Retirement Study
11:30 - 11:45am	Grand Ballroom C/D	Sean Murphy	YIA Distinction	Abraham	Qavi	Optical Microring Resonators for the Rapid Detection of Ebola Virus Disease
11:45am - 12pm	Grand Ballroom C/D	Sean Murphy	YIA Distinction	Denis	Noubouossie	Microvesicles in Stored Red Blood Cell Units Activate the Kallikrein-Kinin System Leading to Bradykinin Generation.