AGENDA

Monday, March 21, 2016

3:00 PM – 7:00 PM  On-site Registration

6:00 PM – 6:15 PM  The New Landscape of HIV Testing
   Monica M. Parker, PhD, Conference Co-Chair; New York State Department of Health

6:15 PM – 8:00 PM  HIV Testing 101 Workshop
   Moderator: Monica M. Parker, PhD, New York State Department of Health

6:15 PM – 6:30 PM  Update on HIV Testing Technology
   S. Michele Owen, PhD, Centers for Disease Control and Prevention

6:30 PM – 6:45 PM  Why HIV Tests are Regulated as They Are, and Understanding the Package Insert
   Pradip Akolkar, PhD, U.S. Food and Drug Administration

6:45 PM – 7:00 PM  Evaluating HIV Test Performance
   Bernard M. Branson, MD, Scientific Affairs

7:00 PM – 7:15 PM  Health Department HIV Testing Programs: Status and Opportunities
   Liisa M. Randall, PhD, National Alliance of State and Territorial AIDS Directors

7:15 PM – 7:30 PM  Uses of HIV Test Results in Classifying New Diagnoses for Surveillance
   Albert Barskey, MPH, Centers for Disease Control and Prevention

7:30 PM – 7:45 PM  Use of Lab Data for Prevention
   AD McNaghten, PhD, MHSA, Centers for Disease Control and Prevention

7:45 pm – 8:00 pm  Moderated Q & A
Tuesday, March 22, 2016

7:00 AM – 6:00 PM  On-site Registration

7:00 AM – 8:15 AM  Satellite Breakfast Symposium Presented by ASHA and ASTDA
HIV Testing: Evolution of the Species
Thomas S. Alexander, PhD, D(ABMLI), Summa Health System
Sponsored by Bio-Rad Laboratories

8:15 AM – 8:20 AM  Break

8:20 AM – 8:30 AM  Welcome
Eugene McCray, MD, Director of the Division of HIV/AIDS Prevention in CDC’s National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention

8:30 AM — 9:30 AM  Roundtable Discussion
Overcoming the Challenges and Barriers to Implementing the HIV Diagnostic Testing Algorithm in your Laboratory
Moderator: Monica M. Parker, PhD, New York State Department of Health
Michael A. Pentella, PhD, D(ABMM), Massachusetts State Public Health Laboratory
Anne M. Gaynor, PhD, Association of Public Health Laboratories

9:30 AM – 10:45 AM  Session A: Performance of HIV Screening Tests in the Laboratory
Moderator: Barbara Body, PhD, D(ABMM), Laboratory Corporation of America

9:30 AM – 9:45 AM  A1. Performance Evaluation of Two Recently FDA-approved Antigen/antibody Combo Assays in Early HIV-1 Infections
Silvina Masciotra, MS, Centers for Disease Control and Prevention

9:45 AM – 10:00 AM  A2. HIV Subtype and Acute Infection Sensitivity of Abbott Architect HIV Combo, Bio-Rad BioPlex 2200 HIV Ag-Ab and ADVIA Centaur HIV Ag/Ab Combo (CHIV)
Teal Clocksin, MS, Tricore Reference Laboratories

Sheila Peel, PhD, US Military HIV Research Program, WRAIR

10:15 AM – 10:30 AM  A4. Performance Evaluation of Determine™ HIV-1/2 Ag/Ab Combo in Plasma and Whole Blood from Early HIV-1 Infections
Silvina Masciotra, MS, Centers for Disease Control and Prevention

10:30 AM – 10:45 AM  Moderated Q &A
10:45 AM – 11:00 AM  Morning Break

11.00 AM – 12.15 PM  Session B: Performance of Supplemental Tests and Nucleic Acid Tests

Moderator: Richard L. Hodinka, PhD, University of South Carolina School of Medicine Greenville


S. Berry Bennett, MPH and Sally Fordan, BSMT, ASCP, Florida Bureau of Public Health Laboratories


Wei Luo, MS, Centers for Disease Control and Prevention

11:30 AM – 11:45 AM  B3. Diagnosis of Human Immunodeficiency Virus Type 2 (HIV-2) Infection by a HIV-2 Total Nucleic Acid Qualitative Assay Using Abbott m2000 platform

Ming Chang, PhD, MB(ASCP), University of Washington

11:45 AM – 12:00 PM  B4. Validation of a Droplet Digital PCR Assay That Provides Sensitive Detection and Accurate Quantification of HIV-2 DNA in Whole Blood or Blood Cell Pellets

Linda M. Styer, PhD, New York State Department of Health

12:00 PM – 12:15 PM  Moderated Q &A

12:15 PM – 1:30 PM  Lunch on your own

1:30 PM – 2:45 PM  Session C: CDC/APHL Laboratory Testing Algorithm

Moderator: Laura G. Wesolowski, PhD, Centers for Disease Control and Prevention

1:30 PM – 1:45 PM  C1. Promoting the Recommended HIV Diagnostic Algorithm: Practical Information for Laboratories

Laura D. Russell, MPH, New York State Department of Health

1:45 PM – 2:00 PM  C2. Evaluation of Newly Approved HIV Antigen-Antibody Tests Individually and When Used in the CDC/APHL HIV Diagnostic Algorithm

Kevin P. Delaney, PhD, Centers for Disease Control and Prevention

2:00 PM – 2:15 PM  C3. Is It Always Necessary for the ARCHITECT 4th-Generation HIV-1/2 Ag/Ab Combo Assay to be Repeatedly Reactive before Moving Forward in the Centers for Disease Control and Prevention (CDC) HIV Screening Algorithm?

Eric M. Ramos, MD,MS, University of Washington
2:15 PM – 2:30 PM  C4. APHL/CDC Project for Referral of HIV Nucleic Acid Amplification Testing (NAT) for US Public Health Laboratories (PHLs)
Anne M. Gaynor, PhD, Association of Public Health Laboratories

2:30 PM – 2:45 PM  Moderated Q&A

2:45 PM – 3:00 PM  Afternoon Break

3:00 PM – 4:00 PM  Session D: CDC/APHL Laboratory Testing Algorithm (Part 2)
Moderator: Kelly Wroblewski, MPH, MT(ASCP), Association of Public Health Laboratories

Thomas P. Giordano, MD, MPH, Baylor College of Medicine

3:15 PM – 3:30 PM  D2. Real-world Performance of the New US HIV Testing Algorithm in Medical Settings
Christopher D. Pilcher, MD, University of California, San Francisco

3:30 PM – 3:45 PM  D3. Comparison of Turn-around Time and Total Cost of HIV Testing Before and After Implementation of the 2014 CDC/APHL Laboratory Testing Algorithm for Diagnosis of HIV Infection
Joseph D.C. Yao, MD, Mayo Clinic and Mayo Medical Laboratories

3:45 PM – 4:00 PM  Moderated Q&A

4:00 PM – 5:00 PM  Roundtable Discussion
Challenges and Successes of Implementing the HIV Diagnostic Testing Algorithm: Reports from Four HIV Surveillance Programs
Moderator: Irene Hall, PhD, Centers for Disease Prevention and Control
Bridget J. Anderson, PhD, New York State Department of Health
Marianne O’Connor, MPH, MT (ASCP), Michigan Department of Health and Human Services
Joanne Gerber, MS, RN, New York State Department of Health
Deepa T. Rajulu, MS, New York State Department of Health

5:00 PM – 6:30 PM  "Meet the exhibitors"
Use this opportunity to visit with the exhibitors and learn about the latest HIV tests.
(Evening Reception Sponsored by Chembio Diagnostic Biosystems)
Wednesday, March 23, 2016

7:00 AM – 5:00 PM  On-site Registration

7:00 AM – 8:15 AM  Satellite Breakfast Symposium Presented by ASHA and ASTDA
Sponsored by Hologic

8:15 AM – 8:30 AM  Break

8:30 AM — 9:30 AM  Roundtable Discussion
Improving the Impact of HIV Testing Through Better Linkage to Care and More Timely Viral Suppression

Moderator: Kevin P. Delaney, PhD, Centers for Disease Control and Prevention
Eugene G. Martin, PhD, Rutgers University - Robert Wood Johnson Medical School
Joanne Stekler, MD, MPH, University of Washington
Christopher D. Pilcher, MD, University of California, San Francisco

9:30 AM – 10:45 AM  Session E: Streamlining Test Result Turnaround Time and Linkage to Care

Moderator: Liisa M. Randall, PhD, National Alliance of State and Territorial AIDS Directors

Debbie Mohammed, DrPH, Saint Michael's Medical Center

9:45 AM – 10:00 AM  E2. Using Reported HIV Diagnostic Testing Results to Identify Cases of Acute HIV Infection: Lessons Learned from New York State
Bridget J. Anderson, PhD, New York State Department of Health

10:00 AM – 10:15 AM  E3. Implementation of 4th Generation HIV Antigen-Antibody Testing Algorithm at a Public Health STD Clinic for Real-time Screening and Confirmation
Steve Gradus, PhD, City of Milwaukee Health Department Laboratory

Pollyanna R. Chavez, PhD, Centers for Disease Control and Prevention

10:30 AM – 10:45 AM  Moderated Q &A

10:45 AM – 11:00 AM  Morning Break
11:00 AM – 12:15 PM  Session F: Performance of CLIA-Waived HIV Tests

Moderator: Benjamin Tsoi, MD, MPH, New York City Department of Health and Mental Hygiene

11:00 AM – 11:15 AM  F1. Implementing HIV Testing in Nonclinical Settings: Updating CDC Guidance and Program Resources for HIV Testing
Kristina L. Grabbe, MPH, Centers for Disease Control and Prevention

11:15 AM – 11:30 AM  F2. Performance Evaluation of the INSTI HIV-1/2 Antibody Point-of-Care Test in Early and Established Infections
Sarah Adams, BS, Centers for Disease Control and Prevention

Eugene G. Martin, PhD, Rutgers University - Robert Wood Johnson Medical School

11:45 AM – 12:00 PM  F4. Evaluation of New HIV Testing Technologies in a Clinical Setting with High Incidence: Rationale, Study Design and Preliminary Results from Project DETECT
Kevin P. Delaney, PhD, Centers for Disease Control and Prevention

12:00 PM – 12:15 PM  Moderated Q & A

12:15 PM – 1:30 PM  Lunch on your own

1:30 PM – 2:45 PM  Session G: Special Testing Circumstances

Moderator: S. Berry Bennett, MPH, Florida Bureau of Public Health Laboratories

1:30 PM – 1:45 PM  G1. Evolving State Laboratory Diagnostic Capacity During an HIV Outbreak
Sarah J. Blosser, PhD, Indiana State Department of Health

1:45 PM – 2:00 PM  G2. Beyond Drug Resistance Testing: Using HIV-1 Sequence Data to Infer Transmission Networks and Inform Public Health Action
M. Cheryl B. Ocfemia, MPH and Ellsworth M. Campbell III, MS, Centers for Disease Control and Prevention

2:00 PM – 2:15 PM  G3. Absence of Serological Response Following Early Treatment of Acute HIV Infection
Mark M. Manak, PhD, Henry Jackson Foundation

2:15 PM – 2:30 PM  G4. HIV Antibodies as Markers of HIV Systemic Reservoir and Viral Suppression
Michael P. Busch, MD, PhD, Blood Systems Research Institute

2:30 PM – 2:45 PM  Moderated Q & A

2:45 PM – 3:00 PM  Afternoon Break
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<th>Time</th>
<th>Session</th>
<th>Moderator/Presenter</th>
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<tr>
<td>3:00 PM – 4:15 PM</td>
<td>Session H: Testing Alternatives Using Dried Blood Specimens</td>
<td><strong>Moderator:</strong> Joanne Mei, PhD, Centers for Disease Control and Prevention</td>
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<td>3:00 PM – 3:15 PM</td>
<td>H1. Evaluation of the Performance of the Bio-Rad GS HIV Combo Ag/Ab EIA and Bio-Rad Geenius™ HIV-1/2 Supplemental Assay Using Dried Blood Spots as an Alternative Specimen Type</td>
<td><strong>Silvina Masciotra</strong>, MS, Centers for Disease Control and Prevention</td>
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<td>3:15 PM – 4:15PM</td>
<td>Roundtable Discussion</td>
<td><strong>Dried Blood Spots (DBS) May Have High Utility Both in Resource Limited Settings and in Hard to Reach Populations for Diagnosis and Treatment Decisions</strong></td>
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<td><strong>Levinia Crooks</strong>, BA, Dep Ed, MBA, Australasian Society for HIV, Viral Hepatitis and Sexual Health Medicine</td>
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<td><strong>Philip Cunningham</strong>, MSc Med, New South Wales State Reference Laboratory for HIV</td>
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<td><strong>Bernard M. Branson</strong>, MD, Scientific Affairs</td>
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<td>4:15 PM - 5:45 PM</td>
<td>Poster Session and &quot;Meet the Exhibitors&quot;</td>
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Thursday, March 24, 2016

7:00 AM – 8:15 AM  Satellite Breakfast Symposium Presented by ASHA and ASTDA
                     Sponsored by Roche

8:15 AM – 8:30 AM  Break

8:30 AM — 9:30 AM  Session I: Integrated Testing for Multiple Pathogens

   Moderator: Cornelis A. Rietmeijer, MD, PhD, American Sexually
               Transmitted Diseases Association

   8:30 AM — 8:45 AM  I1. Evaluation of an Emergency Department HIV and Syphilis
                       Screening Program Using Rapid Point of Care Diagnostics in
                       Detroit, Michigan, 2015
                       David Cal Ham, MD, MPH, Centers for Disease Control and
                       Prevention

   8:45 AM — 9:00 AM  I2. Multiplex Screening Assays - Advancing Targeted Screening of
                       Co-morbidity via DPP® HIV-Syphilis Multiplex Rapid Test
                       Tom Ippolito, BS, ChemBio Diagnostic Systems, Inc.

   9:00 AM — 9:15 AM  I3. Performance of a Rapid, 60 second Multiplex Test for
                       Simultaneous Detection of Antibodies to HIV-1, HIV-2 and T.
                       pallidum in Serum, Plasma and Whole Blood
                       Richard A. Galli, BS, bioLytical Laboratories

   9:15 AM — 9:30 AM  Moderated Q &A

9:30 AM – 9:45 AM  Morning Break

9:45 AM – 11:15 AM  Session J: New Tests for Diagnosis, Clinical Staging, and
                     Surveillance

   Moderator: Eugene G. Martin, PhD, Rutgers University - Robert Wood
               Johnson Medical School

   9:45 AM – 10:00 AM  J1. The Effects of MDRI Updates and Transition to a New Recency
                       Assay on HIV incidence Estimates in a Selected Number of HIV
                       Surveillance Areas, United States
                       Angela L. Hernandez, MD, MPH, Centers for Disease Control and
                       Prevention

   10:00 AM –10:15 AM  J2. Development and Evaluation of a Bead-Based Multiplex Assay
                        for HIV Detection, Serotyping and Estimation of Recent Infection
                        Ernest L. Yufenyuy, PhD, Centers for Disease Control and Prevention
10:15 AM – 10:30 AM  J3. Unmodified Diagnostic Assay Provides Similar Performance to Avidity Modification for Surveillance and Clinical Recency Staging Applications  
   **Eduard Grebe, PhD, Stellenbosch University**

   **Christopher D. Pilcher, MD, University of California, San Francisco**

10:45 AM – 11:00 AM  J5. Use of the Avioq VioOne Profile Assay for Detection of Recent HIV-1 Infection  
   **Don E. Lockwood, PhD, Avioq, Inc.**

11:00 AM – 11:15 AM  Moderated Q &A

   **S. Michele Owen, PhD, Centers for Disease Control and Prevention**  
   **Monica M. Parker, PhD, New York State Department of Health**  
   **Laura G. Wesolowski, PhD, Centers for Disease Control and Prevention**

12:15 PM – 12:30 PM  Closing Statements  
   **S. Michele Owen, PhD, Conference Co-Chair, Centers for Disease Control and Prevention**