2016 HIV Diagnostics Conference:

The New Landscape of HIV testing in Laboratories,

Public Health Programs and Clinical Practice

Abstract and Roundtable Submission Deadlines

	Deadline	Notification
Abstracts	October 30th, 2015	December 15th, 2015
Late Breaker Abstracts	January 15th, 2016	January 27th, 2016
Roundtable proposals	November 20th, 2015	December 15th, 2015

Abstract Sessions

HIV Testing Topic	Data Needs
Performance of HIV Tests in CLIA-Waived Settings	Studies of the performance of rapid HIV screening tests and rapid test algorithms in CLIA-waived settings. Abstracts on newer rapid HIV tests, performance comparisons of multiple CLIA-waived tests and cost analyses are encouraged.
Performance of HIV Screening Tests in the Laboratory Setting	Studies of the performance of CLIA Moderate and High Complexity HIV screening tests, including performance by specimen type. Abstracts on newer tests, performance comparisons of multiple CLIA-Moderate/High complexity tests and cost analyses are encouraged.
Performance of Supplemental tests in Diagnostic Algorithms	Performance of HIV-1/HIV-2 differentiation tests, other serological antibody tests as supplemental tests.
Performance of Nucleic Acid Tests in Diagnostic Algorithms	Performance of HIV-1 or HIV-2 qualitative or quantitative nucleic acid (DNA and/or RNA) tests in diagnostic algorithms.
CDC/APHL Laboratory Testing Algorithm	Reports on the performance and implementation of the recommended algorithm, including cost analyses. Abstracts on algorithm performance with newer 4th generation immunoassays, including Ag/Ab combo rapid tests, and HIV-1/HIV-2 differentiation tests.
Streamlining Test Result Turnaround Time and Linkage to Care	Studies on the timeliness of test reporting and linkage to care, including implementation of new policies and procedures to improve turnaround time. Reports on self-testing are also encouraged
Testing of Alternative Specimen Types	Performance of HIV tests using oral fluid, including comparisons with blood for antibody concentration or seroconversion performance. Studies of the performance and feasibility of using dried blood spots or other alternative specimens for HIV testing.

Special Diagnostic Circumstances	Testing in the context of PEP and PrEP, diagnosis and management of acute infection, verifying diagnosis of persons on ART and elite controllers, and data on special populations (e.g., pregnant women, infants and children).
Integrated Testing for Multiple Pathogens	Studies on the performance of rapid and laboratory-based tests using integrated testing platforms for HIV in conjunction with STDs or hepatitis. Abstracts on tests that have been or will be submitted for FDA approval are encouraged.
Research & Development of New Tests for Diagnosis and Clinical Monitoring	Research & development of new tests for diagnosis and monitoring of HIV infection (viral load, CD4, infection staging), including methods applicable to resource poor settings. Abstracts on tests that have been or will be submitted for FDA approval are encouraged.

Note: The CDC HIV Case Surveillance Branch (HICSB) will provide an update on HIV surveillance and reporting.

Abstract Submission Guidelines

Scientific data abstracts should not exceed 350 words and can include one table and one figure separate from the abstract. The abstract should adhere to the following format:

I. **Objective:** Study objectives, hypothesis tested, or description of the problem.
II. **Methods:** Methods for testing and analysis, selection and origin of specimens evaluated, and standard used for comparison.
III. **Results:** Specific results with appropriate statistical analysis
IV. **Conclusion:** Conclusions and implications

Descriptive summary abstracts should not exceed 350 words and can include one table and one figure separate from the abstract. The abstract should adhere to the following:

I. **Project:** Description of the Project
II. **Issue:** Specific project problems or needs addressed by the abstract
III. **Results:** Qualitative or quantitative summary of implementation facilitators and barriers
IV. **Lessons Learned:** Summary of lessons learned and implications

Late-Breaking Abstracts

The 2016 HIV Diagnostics Conference offers a late-breaking abstract deadline for abstracts that highlight novel and substantive studies of high impact. The goal is to enrich the conference with studies that are completed after the general abstract submission deadline.

Roundtable Proposals

We are soliciting presenters for Roundtable breakout sessions at the 2016 HIV Diagnostics Conference. The Roundtable format is intended to promote in-depth discussion and feedback on a particular topic. Brief oral

presentations will be used to introduce the session topic and stimulate discussion. The following roundtable topics have been suggested by the conference organizers, but other topics may be submitted for consideration.

V. Successes/challenges for laboratories/programs implementing the recommended HIV diagnostic laboratory algorithm
VI. Issues related to reporting of laboratory results to requestors and surveillance and approaches to resolving them (examples include efforts to link multiple test results from the same individual when using the recommended algorithm).
VII. Laboratory collaborations with program and other stakeholders to improve early detection of HIV infection, and to enhance disease surveillance, public health intervention and linkage to HIV medical care. (examples could include using viral load data to determine who is in care)

Roundtable Session Format

Each Roundtable Session will consist of 1 to 3 conceptually linked presentations designed to introduce the topic and raise one or two open questions followed by a discussion session. The session will be 1 hour in duration. A total of 15 minutes will be allotted for presentations and the remaining 45 minutes will be devoted to the discussion component. Each roundtable will be moderated by a person chosen by the conference committee. The Moderator or a designee will summarize the highpoints of the discussion for all conference attendees in a subsequent session.

Roundtable Proposal Structure:

Title – Provide a title of your presentation. This title will appear in the conference program.

Abstract – 350 words or less. Abstract may be unstructured but should include:

- Brief introduction to provide background on the topic being addressed
- Describe pertinent issues or specific aspects of the session topic that your presentation will address.
- Relevant experiences, tools, lessons or models that will be highlighted in your presentation.
- Data and/or outcomes to accompany the descriptive narrative, where applicable.

Proposed presentations will be reviewed by the conference organizing committee and either accepted, rejected or offered an alternative presentation format.

Roundtable Presentation materials:

Presenters of accepted roundtables are asked to create a handout for their presentation and submit it for review by the conference organizing committee. Roundtable handouts will be included in electronic conference materials sent out to participants prior to the conference and can be either an outline document or a mini-poster format. Handouts are intended to support the short presentation and facilitate discussion. Presenters may receive feedback on their handout from the organizing committee. The feedback procedure is meant as an opportunity for improvement, not as a tool to judge the topic being presented (as the proposal has already been accepted). More information about handouts, as well as the deadline for their submission will be sent in the presentation acceptance email.

Ideally, participants should be able to read the handout in one or two minutes and be able to take part in the discussion. To reach this aim, make it clear, structured, concise, and attractive. Avoid long texts and use diagrams, graphs and/or tables to visualize your information effectively when applicable.

Presenters are encouraged to supply hardcopies of their handout for the conference participants. The suggested number of copies to provide will be determined approximately 2 weeks prior to the start of the conference and a notification will be emailed to you. Presenters may also use PowerPoint slides for their presentation, but should be conscious of the time allotment and limit the number of slides accordingly.

Scoring Abstracts and Roundtable Proposals

Each abstract will be reviewed and scored based on the following criteria: all criteria will be given equal weight as has been done for previous conferences.

- Pertinence: The topic is consistent with the abstract category.
- Importance: The abstract contains relevant, innovative, or new findings.
- Methodology: The study design meets the abstract objective, and the quality of reported data is acceptable
- Clarity: The ideas and findings are communicated clearly and concisely.