

# SMART Investments to save more lives: PEPFAR - BD Public Private Partnership



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**BD**

Helping all people  
live healthy lives

# The Case for Lab Strengthening

Kigali Conference / LABORATORY SYSTEMS AND SERVICES IN GLOBAL HEALTH

## Laboratory Systems and Services Are Critical in Global Health

Time to End the Neglect?

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**Key Words:** National laboratory systems; Laboratory strengthening; Global health; Public health; Infectious diseases

DOI: 10.1309/AJCPMPSINQ9BRIMU6

AJCP / EDITORIAL

## A Shifting Paradigm in Strengthening Laboratory Health Systems for Global Health

Acting Now, Acting Collectively, but Acting Differently

*John N. Nkengasong, PhD*

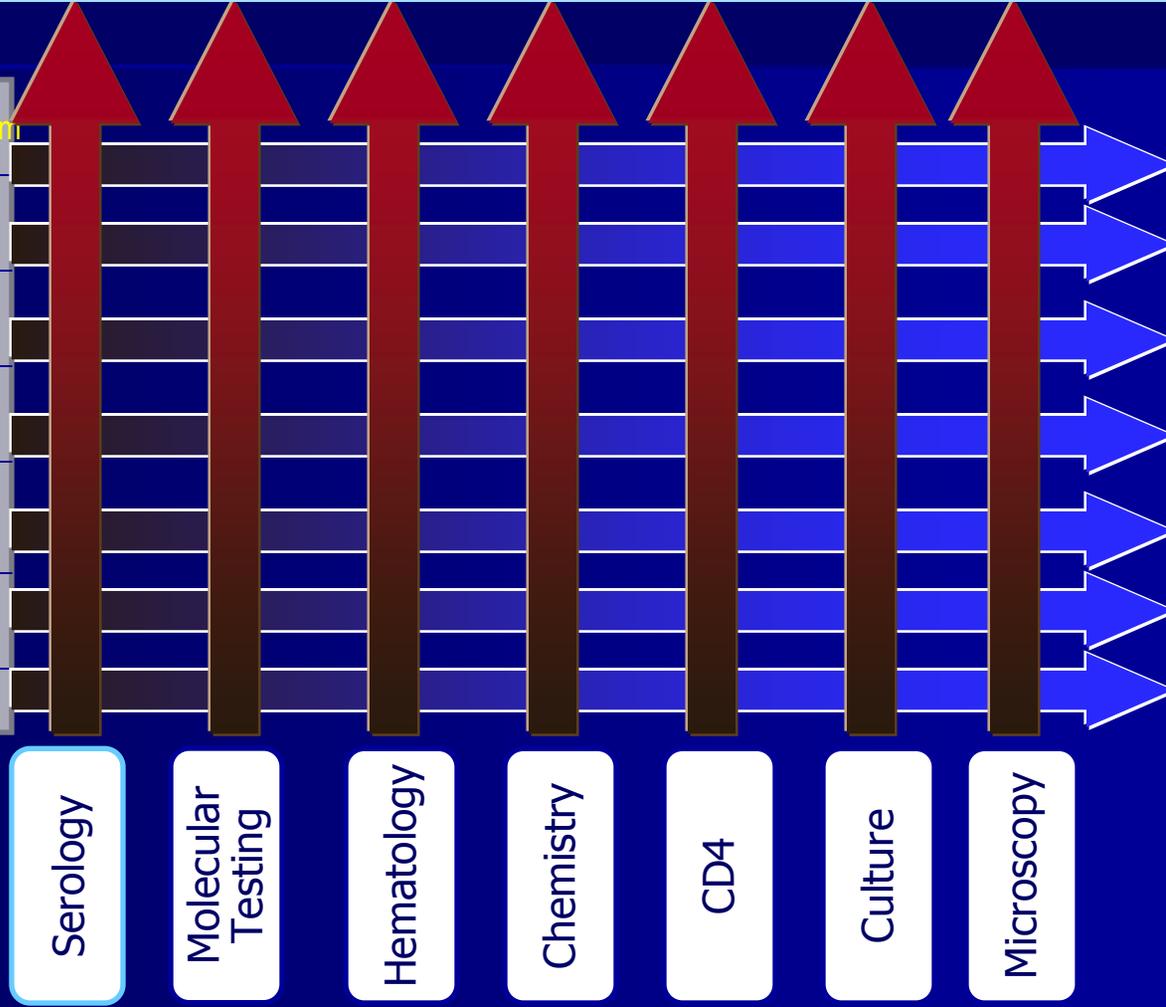
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**Neglected Lab  
Infrastructure**

Framework for PEPFAR Laboratory strengthening to ensure efficiency and sustainability: an integrated approach for HIV/AIDS, STD, NTDS, Flu, Tuberculosis, Malaria

Laboratory Systems



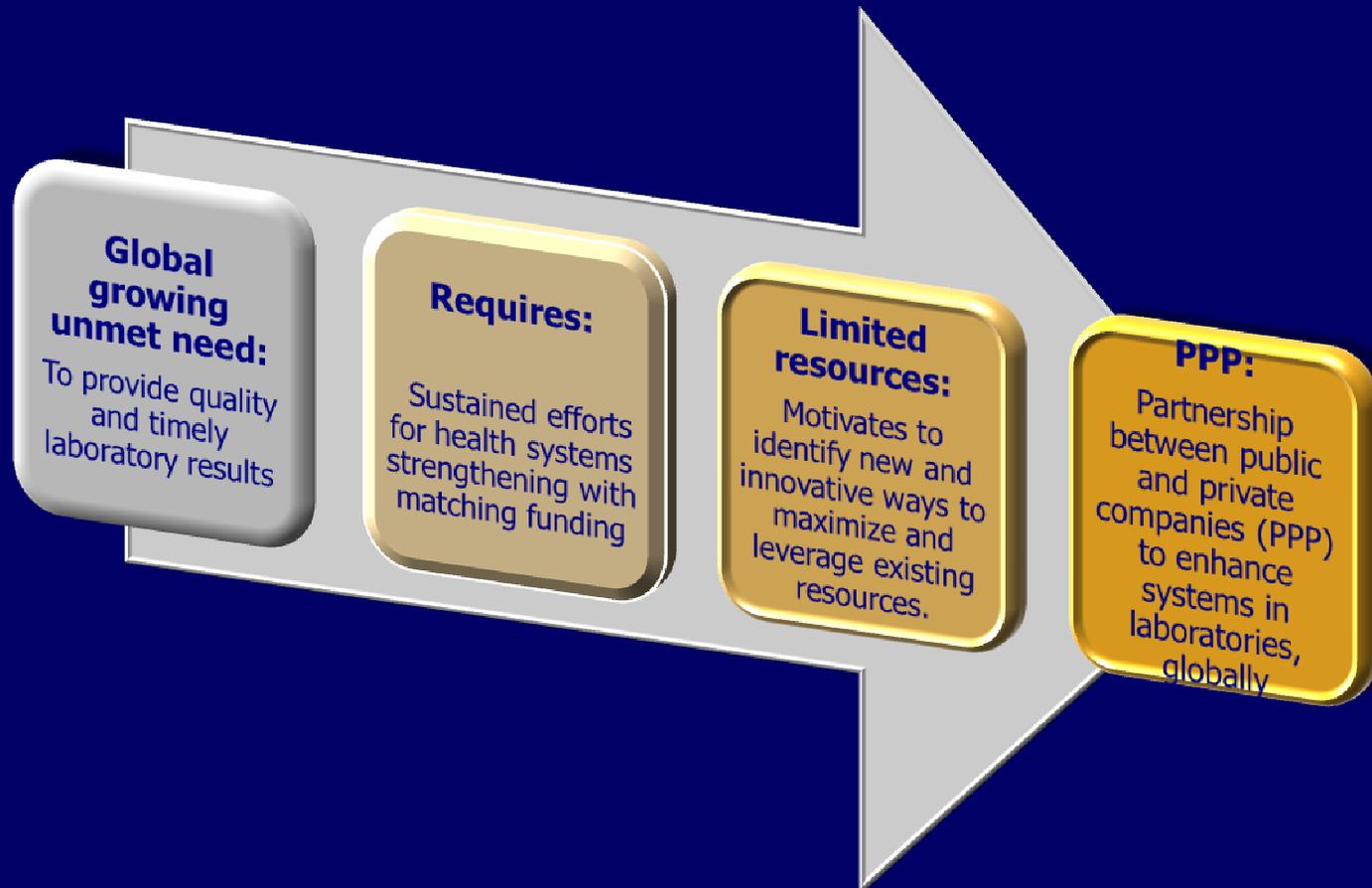
Laboratory Services

Strengthening Laboratory Health Systems & Sustainability

# Effective approaches to strengthen laboratory health systems

- Work with in-country leadership, national, international, public and private partners
- Develop and implement National Strategic Plans and policies for Laboratories
- Use an integrated disease-wide approach
- Improve laboratory performance through certification and accreditation
- **Establish public private partnerships**

# Why a Public Private Partnership for Laboratory Strengthening?



## U.S. President's Emergency Plan for AIDS Relief



### SUPPORT *for* COUNTRIES

#### Activities will be implemented through three primary means:

- **Country-specific laboratory strengthening programs** that offer PEPFAR and BD opportunities to share their respective strengths, experience, methodologies, and resources, in collaboration with other implementing partners
- **Fellowship programs** for BD staff to work with Ministries of Health, PEPFAR agencies and national reference laboratories. BD plans to deploy one to two associates for longer-term fellowships each year.
- **Short-term technical assistance** from PEPFAR and BD staff to country programs, which focuses on laboratory training and provides a framework to reach all levels of service. In the first year, BD anticipates they will deploy 25 to 30 people for short term technical assistance, and that this number will increase to 50 to 60 people in subsequent years of the collaboration.

### *New Public-Private Partnership to Strengthen Laboratory Systems*

In a pioneering public-private partnership, the U.S. President's Emergency Plan for AIDS Relief (Emergency Plan/PEPFAR) and BD (Becton, Dickinson and Company) will support the improvement of overall laboratory systems and services in African countries severely affected by HIV/AIDS and tuberculosis (TB).

Through this five-year, public-private partnership, valued at up to \$18 million, the Emergency Plan and BD will work on the ground with national reference laboratories, Ministries of Health, and implementing partners to provide direct support to countries to assist with their efforts to strengthen laboratories. This collaboration will initially target Côte d'Ivoire, Ethiopia, Kenya, Tanzania, Uganda, Malawi, Mozambique, and South Africa and will potentially extend to additional countries.

In the first year, it is estimated that this public-private partnership will increase laboratory capacity by 15 to 20% over what PEPFAR would have achieved in the absence of the collaboration.

Through this public-private partnership, PEPFAR and BD will collaborate on five key areas:

- Supporting country-specific programs working on the ground with Ministries of Health and implementing partners to develop overarching, integrated laboratory systems, services, and quality-improvement strategies;
- Improving the quality of laboratory diagnostics critical to the management of HIV/AIDS patients;
- Implementing quality-control and quality-assurance guidelines and supervisory tools for hematology, chemistry, CD4 testing and rapid HIV testing;
- Strengthening TB reference sites to serve as centralized training facilities; and
- Improving access to TB diagnostics for HIV-positive patients.



# BD

[www.bd.com](http://www.bd.com) | [www.PEPFAR.gov](http://www.PEPFAR.gov)



# Goals of PEPFAR – BD PPP

Collaborate in five primary areas:

1. To improve quality of rapid testing for HIV and other infectious diseases
2. To implement Quality Assurance
3. To strengthen TB referral centers to serve as centralized training facilities
4. To improve access to TB diagnostics for HIV+ patients specimen referral program
5. To support development of National TB Reference Laboratories

# 5 years, \$18 million PEPFAR-BD supported program

Started in October 2007 in 8 African countries:

- Mozambique
- Cote d'Ivoire
- Ethiopia
- South Africa
- Uganda
- Malawi
- Kenya
- Tanzania



# Emerging Best Practices

- **Capacities of local organizations enhanced**
- **Competencies of the private sector increased**
- Interventions through private sector networks facilitated
- Program costs shared

# Feedback from the field !

- Flexibility
- Excellent trainers
- Patience with MOH
- Open, technically sound, professional, accommodating

# ASLM

AFRICAN SOCIETY FOR LABORATORY MEDICINE

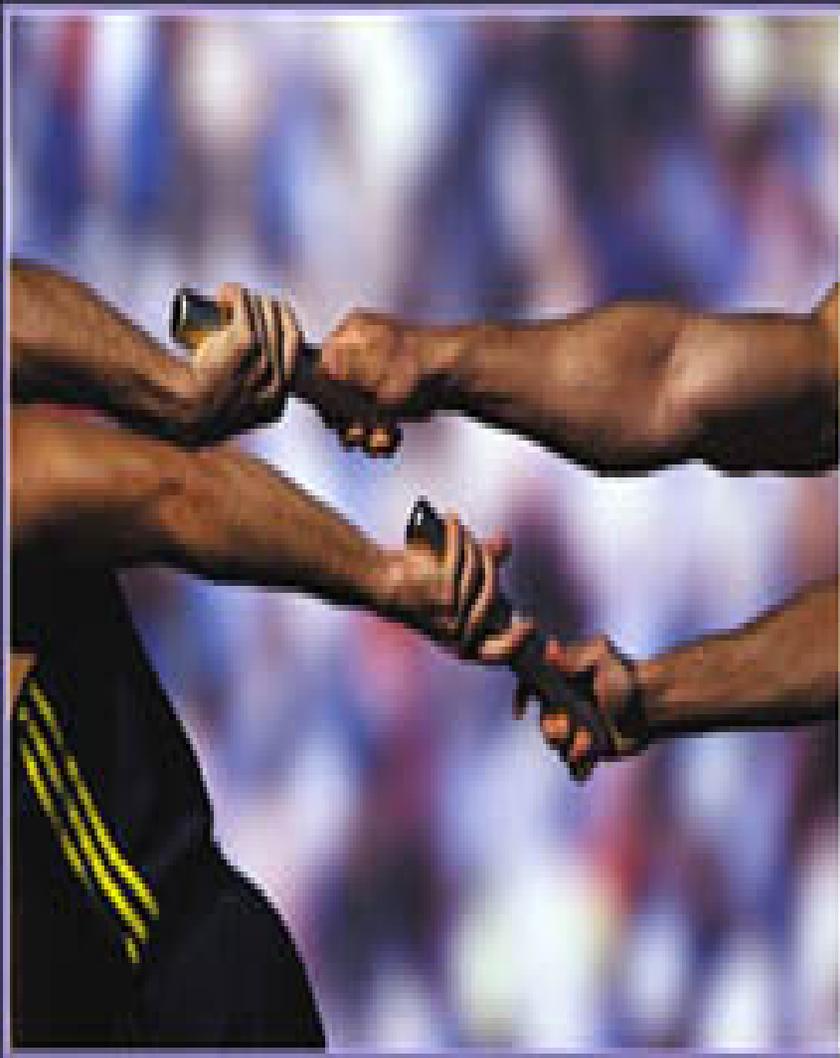
Launch:  
March 14-16  
Addis Ababa  
Ethiopia

ADVANCING THE LABORATORY PROFESSION AND NETWORKS IN AFRICA



# Way forward

- 3 more countries to be completed in the PPP
- Develop stronger sustainability: BD support for the African Society for Lab Medicine
- BD support for WHO AFRO step wise laboratory accreditation
- Monitoring and Evaluation for the partnership - to be developed



**TEAMWORK**

*Individual play is great, but team play is unstoppable.*

**Individuals  
win battles  
but  
partnerships  
win wars!**