# **Consultation on Global Trends of HIV Drug Resistance**

### Sponsored by

National Institute of Allergy and Infectious Diseases

#### Goals

To identify research gaps for HIV Drug Resistance (HIVDR) in low and middle income countries (LMIC) and to develop collaborations between key members of academia, government, industry, and non-profit organizations to address these gaps through an actionable plan.

May 3 and 4, 2016 5601 Fishers Lane, Room 1D13 Rockville, Maryland

Conference attendees and/or presenters are responsible for meals and/or light refreshments on their own and at their own cost.

Government staff and/or Government contractors may not be involved in the provision or facilitation of food and/or light refreshments for conference attendees and/or presenters.

### **AGENDA**

## May 3 (Tuesday), 2016

7:00-8:00	Registration
8:00-8:10	Welcome and Opening Remarks Anthony Fauci (National Institutes of Allergy and Infectious Diseases)
8:10-9:25	Session 1: Current State of HIVDR Monitoring in LMIC: What Do We Know & What Do We Need to Know?  Deenan Pillay (University College London/Africa Centre)
8:10-8:25	Tackling HIVDR to deliver 90 90 90: What do we need to do? Silvia Bertagnolio (World Health Organization)
8:25-8:40	HIVDR Testing within the PEPFAR Program Elliot Raizes (U.S. Centers for Disease Control and Prevention)
8:40-8:55	Global HIVDR after Antiretroviral Therapy Rollout Ravi Gupta (University College London)
8:55-9:25	Discussion

12:35-1:40

Lunch

4:10

Discussion

### May 4 (Wednesday), 2016

- 8:30-9:45 Session 6: Leveraging Resources within Existing Networks for HIVDR Testing Charles Boucher (Erasmus Medical Center)
- 8:30-8:45 NIAID Funded Clinical Trials Networks (AIDS Clinical Trials Group {ACTG}, HIV

Prevention Trials Networks {HPTN}, International Maternal Pediatric Adolescent AIDS Clinical Trials {IMPAACT})

Robert Coombs (University of Washington)

8:45-9:00 Monitoring HIVDR in Africa and Asia: Experience of the Pan-African (PASER) and

**TREAT Asia (TASER) Studies to Evaluate HIV Resistance** 

Raph Hamers (Amsterdam Institute for Global Health & Development)

9:00-9:15 Bill and Melinda Gates Foundation-Funded Cohorts (Phylogenetics and Networks

for Generalized HIV Epidemics in Africa {PANGEA study})

Deenan Pillay (University College London/Africa Centre)

- 9:15-9:45 **Discussion**
- 9:45- 10:00 **Break**

### 10:00-11:00 What Are the High Priority Questions From Each of the Sessions?

Douglas Richman (University of California San Diego), Deenan Pillay (University College London/Africa Centre), Dan Kuritzkes (Harvard University/Brigham and Women's Hospital), Roger Paredes (irsiCaixa AIDS Research Institute), John Mellors (University of Pittsburgh), Jon Kaplan (U.S. Centers for Disease Control and Prevention) and Charles Boucher (Erasmus Medical Center)

#### 11:00-1:00 Develop Action Plan Items and Methods to Address Them

Representatives from Office of the U.S. Global AIDS Coordinator (OGAC), World Health Organization (WHO), Centers for Disease Control and Prevention (CDC), National Institutes of Health (NIH), and Bill and Melinda Gates Foundation (BMGF)

### 1:00 Closing Remarks

Carl Dieffenbach (National Institutes of Allergy and Infectious Diseases)