Technology Symposium – Rapid Diagnostic Innovation and Preparedness for Public Health Threats

Tuesday May 17, 2016

8:00 – 8:55  Registration and Continental Breakfast

8:55 – 9:00  Opening Remarks by Summit Chair

9:00 – 9:30  Presentation: Innovation and Best Practices for Infection Control, Use Of Medicines and Technology Development

  Presenter:
  John J. Woloszyn, President & CEO, INTRALYTIX, INC.

9:30 – 10:00  BARDA Innovation Opportunities in AMR Diagnostics

  Presenter:
  John Lee, Health Scientist, BARDA

10:00 – 10:30  Networking Break

10:30 – 11:00  Presentation: NIH’s HIV/AIDS Research Priorities

  Presenter:
  Robert W. Eisinger, Acting Director, Office of AIDS Research and Acting NIH Associate Director for AIDS Research, NIH

11:00 – 12:00  Panel: Building Clinical Research Capacities in Geographic “Hot Spots” for Emerging Diseases

  Panelists:
  Laura Gibson, Program Assistant, BARDA
  Jeanne M. Fair, Ph.D., Defense Threat Reduction Agency, Cooperative Biological Engagement Program, Science Lead Middle East & South Asia, DTRA
  LTC Eric Midboe, Joint Product Manager (JpdM), BioDefense Therapeutics (BDTX) Product Management Office (BDTX JpdMO), MCS JPM
  Jayanand Vasudevan Ph.D., Senior Scientist, JPM MCS-BIODEFENSE THERAPEUTICS

12:00 – 1:30  Group Luncheon
1:30 – 2:00  **Presentation: Lessons from the Early Days of HIV/AIDS**

*Presenter*:  
George W. Christopher, MD, *Chief Medical Officer*, JPM-MEDICAL COUNTERMEASURE SYSTEMS

2:00 – 2:30  **Presentation: Acceleration of Candidates During A Crisis: Experiences, Lessons Observed**

*Presenter*:  
Eric Espeland, *Chief, Vaccine Countermeasures, Division of CBRN Countermeasures*, BARDA

2:30 – 3:00  **Networking Break**

3:00 – 4:00  **Panel: Randomized Controlled and Adaptive Trial Designs: Pro, Con, or Complementary?**

*Panelists*:  
Kayvon Modjarrad, M.D., Ph.D., *Associate Director, Emerging Infectious Disease Threats*, MILITARY HIV RESEARCH PROGRAM/WALTER REED ARMY INSTITUTE OF RESEARCH  
Luciana Borio, M.D., *Acting Chief Scientist*, FOOD AND DRUG ADMINISTRATION

4:00 – 4:30  **Presentation: A Business Model for Global Health Security**

The Global Health Security Agenda seeks to minimize risk against infectious disease threats. This is a collaborative effort between the U.S. government, other nations, and partners with an emphasis on prevention, detection, and response strategies. The increasing risk presented from antimicrobial resistance, emergence of new disease threats, and intentional or accidental release of a pathogen make the timing of this initiative critically important. The focus of this paper is goal 3 of the Global Health Security Agenda, which is Response. Response includes “improved global access to medical and non-medical countermeasures.” An effective response is predicated on the idea of available countermeasures against a host of threats, a fully-engaged stakeholder community, and clear leadership of the preparedness and response enterprise. Unfortunately, there may be limited countermeasures available and a sub-optimal response if there is not an improved understanding of how to incentivize investment and generate more public support for the need to develop medical countermeasures and antibiotics. Existing definitions of “incentives” and “partners” are much too narrowly defined and miss key areas of opportunity. Moreover, the lack of strong, clear, accountable leadership and uncertain funding has added to investor concern and an inefficient use of available resources. Proven business strategies should be used to accelerate private sector investment and national support for health security initiatives. There is a meaningful opportunity to improve response at both the national and global level, but it requires a new approach to innovation with an emphasis on viable, sustainable business planning and customer marketing strategies.
Presenter: Rebecca Fish, Vice President, Biodefense Division, EMERGENT BIOSOLUTIONS

4:30 – 5:00 Presentation: Efforts to Survey the landscape of MERS

Presenter: Karl Erlandson, Prat Fellow, BARDA

5:00 Workshop Adjourns