

Biothreat Agents Detection Workshop

Thursday, August 16, 2012

08:00 - 08:45 - Registration

08:45 - 09:00 - **Inauguration of the Workshop by
Dr. Segaran Pillai, Chief Medical & Science Adviser,
Science and Technology Directorate,
US Department of Homeland Security, Washington DC**

Session 1: Chairman - Dr. Shashi Sharma, US FDA, CFSAN, College Park, MD

9:00 - 09:45 - Lecture 1 - Dr. Anup Singh, Sandia National Laboratory, Livermore
Microfluidics platform for Biothreat agent detection

09:45 - 10:30 - Lecture 2 - Dr. John Mark Carter, USDA WRRC, Albany, CA
Biothreat Assays for food safety applications

10:30 - 11:00 - Coffee / Tea Break

Session 2: Chairman – Dr. David Hodge, Science & Technology Directorate, US Department of Homeland Security, Washington DC

11:00 - 11:45 - Lecture 3 - Dr. Brenna Hill, VRC, NIH, Bethesda, MD.
Universal and specific quantitative detection of botulinum
neurotoxin genes

11:45 - 12:30 - Lecture 4 - Dr. Kodumudi Venkat Venkateswaran, Omni Array
Biotechnology, Bethesda, MD
Rapid, field portable biothreat detection system

12:30 - 12:45 - Safety Briefing - Mr. Paul Lindo, UMASS

12:45 - 13:40 - Lunch

Session 3: Chairman – Dr. Shuowei Cai, University of Massachusetts Dartmouth, Dartmouth, MA

13:45 - 14:45 - Demonstration 1: Dr. Anup Singh, Sandia National Laboratory
Microfluidic System

15:00 – 16:00 - Demonstration 2: Ms. Sheila Diepold and Dr. Kodumudi Venkat
Venkateswaran, Tetracore Field Portable Biothreat Detection
System