



Botulinum Research Center
Current Trends in Botulinum Toxin Detection Workshop
August 19 & 20, 2009

Wednesday, August 19, 2009

- 08:00 - 08:45 - Registration (Woodland Commons)
- 08:45 - 09:00 - Inauguration of the Workshop - Prof. Bal Ram Singh, Director,
Botulinum Research Center, UMASS, Dartmouth, MA
Chariperson: Dr. Shuowei Cai, BRC, UMASS Dartmouth
- 09:00 - 09:45 - Botulinum detection molecular assays - Shashi Sharma, FDA,
CFSA, Silver Spring, MD
- 09:45 - 10:30 - Fluorescent microsphere Array Multiplex Botulinum toxin Assay -
Neeraja Venkateswaran, Radix BioSolutions, Georgetown, TX
- 10:30 - 11:00 - Coffee / Tea Break
- 11:00 - 11:45 - Sensitive, In Vitro, Bifunctional Potency Assay for Botulinum
Neurotoxin Type A - Nancy Shine, List Biological Laboratories,
Inc., Campbell, CA
- 11:45 - 12:15 - Nancy Shine, Video Demonstration
- 12:15 - 12:30 - Paul Lindo, UMASS, Dartmouth, MA - BRC Laboratory Safety
Briefing
- 12:30 - 13:30 - Lunch
- Demonstrations: 13:30 to 18:00 Hrs at Botulinum Research Center Room 210
- Demonstration 1 Portable Real time PCR detection of botulinum toxins - Bill
Nelson, Tetracore, Rockville, MD
- Demonstration 2 Botulinum toxin ELISA - Jennifer Walker, Tetracore, Rockville,
MD
- Demonstration 3 Fluorescent microsphere Array multiplex Botulinum Assay -
Kodumudi Venkateswaran, Radix BioSolutions, Georgetown, TX



Botulinum Research Center
Current Trends in Botulinum Toxin Detection Workshop
August 19 & 20, 2009

Thursday, August 20, 2009

Chairperson: Dr. Shashi Sharma, FDA CFSAN, Silver Spring, MD

- 8:45 to 9:30 - Multiplex mass spectrometric detection of botulinum serotypes and subtypes - Suzanne Kalb, CDC, Atlanta, GA
- 9:30 - 10:15 - Multiplexed Real time PCR to Characterize Botulinum Neurotoxin - Cassandra Kelly Cirino, New York State Department of Health, Albany, NY
- 10:15 – 10:45 - Coffee/Tea Break
- 10:45 – 11:45 - **Panel Discussion on Botulinum detection Assays**
David Hodge, DHS, Washington DC
Theresa Smith, USAMRIID, Frederick, MD
John Barr, CDC, Atlanta, GA
Nancy Stover, Mentor Biologics, Madison, WI
Klaus Fink, Merz, Frankfurt, Germany
Cindy Orser, ASDx Biosystems, Boulder, CO
Kodumudi Venkateswaran, Radix Biosolutions, Georgetown, TX
- 11:45 – 12:45 - Lunch
- 12:45 – 16:00 - Multiplex Real time PCR detection of botulinum toxins demonstration - Cassandra Kelly Cirino, New York State Department of Health, Albany, NY