

# Emerging Clostridial Disease Workshop

CDC Conference Center  
1600 Clifton Road  
CDC Royal Campus, Bldg. 19, Auditorium A  
Atlanta, Georgia  
May 11, 2006, 8:30 a.m. – 4:45 p.m.

## Workshop Objectives

- Our goal of this public workshop is to identify research needs and priorities that will enable rapid progress in understanding the virulence, pathogenesis, host factors, and nonantimicrobial risk factors contributing to reports of morbidity and mortality associated with *Clostridium sordellii* (*C. sordellii*) and *Clostridium difficile* (*C. difficile*).
- The outcome of this workshop will be a draft research agenda that also provides recommendations for detecting cases and conducting surveillance of diseases and organisms.

7:30 a.m. Registration

8:30 a.m. Welcome/Introduction - Facilitator, CDC

8:45 a.m. **Panel I - Clinical Syndromes, Pathophysiology and Host Factors**

**Objective: Define the current emerging clinical syndrome, knowledge gaps and recommendations for basic, applied, and clinical research.**

8:45 a.m. **Panel I - Session I**

*Clinical Features Of Clostridium Difficile Associated Disease*

*Clostridium Difficile: Pathophysiology and Host Factors*

*Regulation of Clostridium Difficile Toxin Gene Expression*

*Toxins of Clostridium Difficile*

**Session Discussion/Q&A**

10:30 a.m. Break

10:45 a.m. **Panel I - Session II**

*Clostridium Sordellii Toxic Shock Syndrome following Medical Abortion*

*Clostridium Sordellii: An Ob-Gyn Analysis*

*Clostridium Sordellii: Clinical Settings, Diagnostic Clues and Pathogenic Mechanisms*

*The Pathophysiology of Mifepristone - Induced Septic Shock Due to Clostridium sordellii*

*Bacterial Toxin Repression of Nuclear Hormone Receptors: Host-Pathogen Hormone Interactions And Implications For Therapy*

**Session Discussion/Q&A**

12:30 p.m. Lunch

1:30 p.m. Panel II - Surveillance for Disease and Sources of Infection

**Objective: Identify current surveillance, and future surveillance needs and barriers**

*Initiatives at the Federal Level and International*

*Initiatives at the State Level and Performance Characteristics of Optimal Surveillance Systems*

**Panel Discussion/Q&A: 20 minutes**

2:30 p.m. Break

2:45 p.m. **Panel III - Identifying a Research Agenda**

**Objective: Provide recommendations for research agenda priorities for:**

- 1. Surveillance and epidemiology**
- 2. Basic research**
- 3. Diagnosis, treatment and prevention**

**Panel Discussion/Q&A**

4:35 p.m. Summary of Key Findings

4:45 p.m. Review Next Steps/Adjourn (CDC/NIH)

**A transcript of this meeting will be available within 30 days at:**  
[http://www.fda.gov/cder/meeting/clostridia\\_disease.htm](http://www.fda.gov/cder/meeting/clostridia_disease.htm).