



This CD contains 7 presentations from the 2010 Spring SCACM meeting held in Louisville, KY and was recorded live from a wireless microphone as mp3 audio files which are playable on computers with audio software and portable mp3 players. We recommend using external speakers to enhance the sound volume. We are unable to provide PACE CEUs for these CD presentations.

1. Detection of beta-lactamases in Gram-Negative Rods

Christine C. Ginocchio, Ph. D., M. T. (A.S.C.P.)
Senior Director, Division of Infectious Disease Diagnostics
Associate Professor, Department of Pathology and Laboratory Medicine and Department of Molecular Medicine
Hofstra University School of Medicine in collaboration with North Shore-LIJ Health System
List the various beta-lactamase enzymes
Describe the methods to detect beta-lactamase resistance
Explain the rationale for the new CLSI guidelines for the detection of ESBLs
Describe the requirements for implementing the new guidelines
List the mechanisms of carbapenem resistance
[mp3 audio](#)
No Power Point file
Handout is 2 slides per page in color pdf file

2. Beyond Koch: Complex Microbial Communities in Human Health & Disease

Vincent B. Young, MD/PhD
Department of Internal Medicine/Infectious Diseases
Department Microbiology & Immunology
University of Michigan Medical School, Ann Arbor
Explain The Human Microbiome
Describe C. difficile and antibiotic-associated colitis
Describe Microbial ecology of antibiotic-associated diarrhea
Explain The gut as a complex ecosystem:
[mp3 audio](#)
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Handout is 2 slides per page in color as a pdf file

3. Group B Streptococci: Chains & Changes New Guidelines for the Prevention of Early-Onset GBS

Roberta B. Carey, Ph.D.
CDC, Division of Laboratory Systems
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4. The Diagnosis of Urinary Tract Infections

Gerri S. Hall, PhD.

Cleveland Clinic

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5. Environmental Monitoring in the Pharmacy

Alice S. Weissfeld, PhD, D(ABMM), F(AAM)

Microbiology Specialists Inc.

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6. Sequence-Based Identification of Microorganisms Challenges and Opportunities

Gary W. Procop, MD

Chair, Molecular Pathology

Section Head, Molecular Microbiology

Cleveland Clinic

[mp3 audio](#)

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7. The Straight Scoop on Poop

Susan E. Sharp, Ph.D., DABMM

Director of Microbiology

Portland, OR

Understand the limitations of Campylobacter EIA vs. stool culture.

Discuss ways to diagnose STEC from stool specimens.

Review methodologies for detection of Clostridium difficile infections.

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Free Bonus Items included on the CD:

[Anterior Nares Specimen Collection training video](#)

[Blood Culture Collection Video](#)

[Blood Culture Collection SOP](#)

[Blood Culture Fishbone](#)

[Collection of Nasopharyngeal Aspirates training video](#)

[Sputum Induction Specimen Collection training video](#)

[Gastric Aspirate training video](#)

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