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Continuing Education Credit

The EPAASM has applied for approval as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. Participants who successfully complete this program should be awarded 4.25 contact hours.

Registration

Registration Fee
Includes program materials, breaks and lunch.
Register on-line at: http://www.epaasm.org
then click on 47th Annual Symposium to register

General Registration:

Pre-registration by Nov 2, 2017:
EPAASM Members $50; Non-members $75

Full registration after Nov 2, 2017:
Members $75; Non-members $100

Students, Fellows, Residents
Pre-registration by Nov 2, 2017: $25
Full registration after Nov 2, 2017: $40
(Letter with departmental letterhead verifying status as student fellow, or resident should be submitted on day of program)

Continuing Education Credit

In compliance with Americans with Disabilities Act (ADA), individuals requiring special accommodations should contact Lisa Peeler at Thomas Jefferson Univ (lisa.peeler@jefferson.edu; 215-503-4830) at least two weeks prior to the symposium.

Audience

This symposium will be of interest to clinical microbiologists, lab directors and supervisors, medical technologists, infectious diseases physicians, clinical pharmacists, public health professionals, infection prevention practitioners, as well as researchers working in related areas of infectious diseases.
The Eastern Pennsylvania Branch of the American Society for Microbiology will sponsor the 47th Annual Symposium at Thomas Jefferson University in Philadelphia. This intermediate to advanced level program will provide updates on the epidemiology and clinical impact of MDRO infections, and the laboratory role in reporting updated MIC breakpoints affecting interpretation of MDROs. Specific examples of MDRO infections will be illustrated in case presentations. Additional topics will include the use of MRSA screening, the growing threat of MDR Salmonella infections, MDR TB and NTM, and the identification of fluconazole-resistant Candida spp.

### Objectives

At the conclusion of this symposium, participants will be able to:

- Describe the epidemiology and clinical impact of MDRO infections and new treatment strategies.
- Explain recent changes in CLSI guidelines for MIC breakpoints and their impact on the interpretation of MDROs.
- Review specific examples of MDRO infections and their outcomes as illustrated in case presentations.
- Discuss the cost effectiveness of MRSA screening methods and the risk of infection following colonization.
- Review the changing epidemiology of MDR Salmonella infections.
- Describe rapid diagnostic techniques for drug-resistant TB and NTM disease.
- Review fluconazole-resistant Candida spp., including Candida auris.

### Session I: Morning

**7:30-8:15am:** Registration, Coffee and Exhibits

**8:15-8:30am:** Welcome and Introduction.

*Symposium Co-Chair: Alan Evangelista, PhD*

Moderator: Alan Evangelista, PhD, D(ABMM)

**8:30-9:15am:** Keynote Presentation

Epidemiology and clinical impact of MDRO infections, and new treatment strategies.

*Robert A. Bonomo, MD, Louis Stokes Cleveland VA Medical Center, Case Western Reserve University, Cleveland, OH*

**9:15-10:00am:** Recent changes and ongoing studies of CLSI MIC breakpoints affecting interpretation of MDROs.

*Jean B. Patel, PhD, Office of Antimicrobial Resistance, National Center for Emerging Zoonotic and Infectious Diseases, CDC, Atlanta, GA*

**10:00-11:15am:** Refreshment Break & Exhibits

Moderator: Kaede Ota-Sullivan, MD, MSc, D(ABMM)

### Session II: Afternoon

**1:45-2:15pm:** The changing epidemiology of multidrug-resistant *Salmonella* infections.

*Shelley C. Rankin, PhD, University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA*

**2:15-2:45pm:** Rapid diagnosis for drug-resistant tuberculosis and nontuberculous mycobacterial (NTM) disease.

*Max Salfinger, MD, Advanced Diagnostic Laboratories, National Jewish Health, Denver, CO*

**2:45-3:15pm:** Fluconazole-resistant *Candida* spp, including *Candida auris*.

*Sean X. Zhang, MD, Ph.D, The Johns Hopkins University School of Medicine, Baltimore, MD*

**3:15-3:30pm:** Closing Remarks and Evaluations

*Alan Evangelista, PhD*

*Attendees will have the opportunity to ask the speakers questions after each lecture.*