

Emory University
Serious Communicable Diseases Program (SCDP)
Project ECHO Program
Lab Considerations for Special Pathogens
Thursday, November 10, 2022
11 AM – 12 PM (EST)

Medical Director/Facilitator: Gavin Harris, MD- *Emory University School of Medicine, Divisions of Pulmonary, Allergy, Critical Care, and Sleep Medicine & Infectious Diseases; Serious Communicable Diseases Program*

Expert Panelist(s):

- Melanie Sherman, MLS(ASCP), Ph.D. - Emory University, Department of Pathology
- Susan McLellan, MD, MPH - University of Texas Medical Branch at Galveston

Target Audience:

- Lab personnel and medical professionals interested in learning about lab procedures are welcome to attend.

Session Objectives:

- Discuss important biosafety and biosecurity considerations in dealing with special pathogens samples or samples from patients suspected of having special pathogens
- Elucidate specific medical countermeasures and approaches to protecting laboratorians who work with special pathogens
- Understand resources available to laboratories that work with special pathogens and share best practices

Connection details: https://zoom.us/webinar/register/WN_qxYRCdM5QwC0aCe1iuzccQ

Lab Considerations for Special Pathogens		
Thursday, November 10, 2022 11:00 am – 12:00 pm (EST)		
Time	Topic	Presenter
11:00-11:05	Welcome, Intros, Polls	Harris
11:05-11:10	Situation Report	Harris
11:10-11:20	Case Presentation	McLellan
11:20-11:35	Lab Considerations for Special Pathogens	Sherman
11:35-12:00	Discussion/Q&A <i>(Audience can submit questions and experts will discuss)</i>	Harris, McLellan, Sherman,
12:00	Wrap-up, Polls	Harris

Bios:

Dr. Gavin Harris

Dr. Gavin Harris is a faculty member at Emory University School of Medicine. He is dually appointed in Critical Care Medicine and Infectious Diseases with professional interests in disaster preparedness, rapid diagnostics, biosecurity, and the treatment of high consequence pathogens.

Dr. Melanie Sherman

Melanie received her undergraduate degrees from Lebanon Valley College in Pennsylvania (Biochemistry) and Medical College of Georgia (Medical Technology.) She earned her PhD in Immunology and Microbial Pathogenesis from Emory University, where she stayed on as a faculty member of the Pathology Department. Her research involved studying the innate immune response of mast cells and neutrophils to enteric pathogens. Her passion and interest in the diagnosis and treatment of infectious diseases lead her to join Emory Healthcare in 2008, where she now works as the Technical Specialist in the Immunology Department at Emory Medical Laboratories. She joined the SCU (Serious Communicable Diseases Unit) at Emory in 2016 and has collaborated with ELIAD (Emory/Children's Laboratory for Innovative Assay Development) since its inception in 2020. She lives with her family in Stone Mountain, Georgia, and enjoys hiking, cooking, and gardening in her spare time.

Dr. Susan McLellan

Dr. McLellan is Professor in the Infectious Diseases Division at UTMB, Medical Director of the Biocontainment Treatment Unit, Director of Biosafety for Research-related Infectious Pathogens, and Director of the Special Pathogens Excellence in Clinical Treatment, Readiness, and Education (SPECTRE) program. After training in internal medicine, pediatrics, and infectious diseases, she served as faculty at Tulane University where she held joint appointments in the School of Medicine and in the School of Public Health and Tropical Medicine before being recruited to UTMB in 2018. She has over 25 years of experience in medical and public health education and in the clinical care of and public health response to emerging infectious diseases. She has participated in outbreak and disaster response in various resource-poor settings, including as a clinical consultant for WHO during the West Africa and DRC Ebola outbreaks, providing direct care as well as assessment of treatment units and support of clinical trials of medical therapies. In her position at UTMB her focus is on improving the clinical care of individuals infected with high containment pathogens in both high and low resource settings and in developing programs for integrated response to pandemic threats, including the rapid scale up of research during outbreaks.



In support of improving patient care, this activity has been planned and implemented by Emory University and Project ECHO. Project ECHO® is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



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None of the planners and presenters for this educational activity have relevant financial relationship(s) to disclose with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

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