SCACM Workshop Description
Marriot East, Indianapolis, IN
Wednesday, March 22, 2017

2017 Update in Diagnostic Medical Parasitology 8:30am-5:00pm

Lynne Garcia MS, CLS, F(AAM) Santa Monica, CA
Level: Intermediate Contact Hours: 7.0
Lectures, slides, discussion, cases

This presentation provides a review of important and emerging parasites and practical testing in Diagnostic Medical Parasitology, including routine, molecular, and STAT procedures. Topics will include patient profile information, specimen collection requirements, routine testing and special rapid tests, organism nomenclature, classification, morphology, pathogenicity and test recommendations, and the clinical relevance of test results. Various protozoa, helminths, and blood parasites will be included. Emerging and neglected parasitic infections within the US will also be covered.

Objectives:
The attendees should be able to:

1. Discuss the pros and cons of practical diagnostic procedures in medical parasitology, including STAT assays.
2. Describe various risk management issues seen in diagnostic medical parasitology.
3. List several emerging and/or neglected parasitic diseases within the U.S.

Support for this workshop provided by Medical Chemical Corporation.

Infectious Disease Pathology for Clinical Microbiologists 8:30am -12:30pm

Ryan Relich Ph.D D(ABMM), Indianapolis, IN
Bryan Schmitt DO, Indianapolis, IN
Rocco LaSala MD D(ABMM), Morgantown, WV
Julie Ribes MD, Ph.D D-MM(ABP) Lexington, KY
Level: Intermediate Contact Hours: 3.5
Lectures, discussion, cases

This half-day workshop is intended to familiarize the audience with the cytopathological and histopathological features of various infectious diseases. The first lecture will provide an overview of the methods used to prepare and examine body fluids and tissues for microscopic examination; these methods include fluid and tissue processing, hematoxylin and eosin staining, differential bacterial and fungal staining, and immunohistochemical staining. Subsequent lectures will focus on the pathology associated with specific agents, including bacteria, fungi, parasites, and viruses.

Objectives:
The attendees should be able to:

1. Describe different methods used by pathologists to microscopically detect infectious agents in body fluid and tissue specimens.
2. Have a basic knowledge of the appearance of various infectious agents within tissues and body fluids stained and examined using a number of techniques.
3. Be able to readily identify a few common and not-so-common pathogens, including *Blastomyces dermatitidis*, herpes simplex virus, *Strongyloides stercoralis*, tuberculosis, and others in slides of body fluids and tissues.

Antimicrobial Susceptibility Testing-The Basics 8:30am-12:00pm

April Abbott Ph.D, D(ABMM), Evansville, IN
Amanda Harrington Ph.D., D(ABMM), Chicago, IL

Level: Intermediate Contact Hours: 3.5
Lectures-Discussion

General principles of antimicrobial susceptibility testing will be discussed. Cases will be used to illustrate common susceptibility testing pitfalls and the presenters will provide guidance on handling of these issues. Participants will be provided information on detection of specific resistance mechanisms, such as methicillin resistance in S. aureus and carbapenem resistance in Gram negative organisms.
Objectives:
At the completion of this program, participants will be able to:

1. Understand key differences, advantages, and limitations to automated and manual methods for AST
2. Describe key AST issues for common Gram positive and Gram negative organisms
3. Discuss resistance patterns for commonly encountered organisms
4. Identify strategies for the effective use of the M100 document in daily laboratory work

Antimicrobial Susceptibility Testing- Advanced Course 1:00-5:00 pm

April Abbott Ph.D, D(ABMM), Evansville, IN
Amanda Harrington Ph.D., D(ABMM), Chicago, IL
Level: Intermediate Contact Hours: 3.5
Lectures-Discussion

Strategies for implementation of new breakpoints, agents, and antimicrobial susceptibility test systems will be discussed. Cases will be used to illustrate commonly encountered questions regarding susceptibility testing of anaerobic and fastidious organisms. Presenters will discuss the criteria and helpful tips for preparation of a meaningful antibiogram. Finally, the audience will hear about emerging technologies and adaptations to current AST methods.

Objectives: At the completion of this program, participants will be able to:

1. Describe key AST issues for select anaerobic and fastidious organisms
2. Develop a plan for verification of antimicrobial susceptibility tests
3. Identify methods to produce an effective antib
4. iogram for your institution
5. Discuss new methods and products for AST

✓	TITLE	TIME	SCACM Member	Non-member
	Antimicrobial susceptibility testing – The Basics	8:30am-12:00pm	$50	$75
	Antimicrobial susceptibility testing- Advanced Course	1:00pm-5:00pm	$50	$75
	Infectious Disease Pathology for Clinical Microbiologists	8:30am-12:30pm	$50	$75
	2017 Update in Diagnostic Medical Parasitology	8:30am-5:00pm	$100	$125

Registration Link: www.scacm.org
SCACM Spring Meeting Workshops

Questions:
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