CAMLT FRESNO CHAPTER
6291 E. ALTA AVE.
FRESNO, CA 93727

Return Service Requested

CONTINUING EDUCATION SEMINAR FOR CLINICAL LABORATORY PROFESSIONALS

"Cheaper By The Dozen 2018"

PRESENTED BY

FRESNO CAMLT & CITY WIDE CONTINUING EDUCATION COMMITTEE

Obtain 12.0 CEUs in One weekend!
Reduced price compared to most home courses

PROGRAM

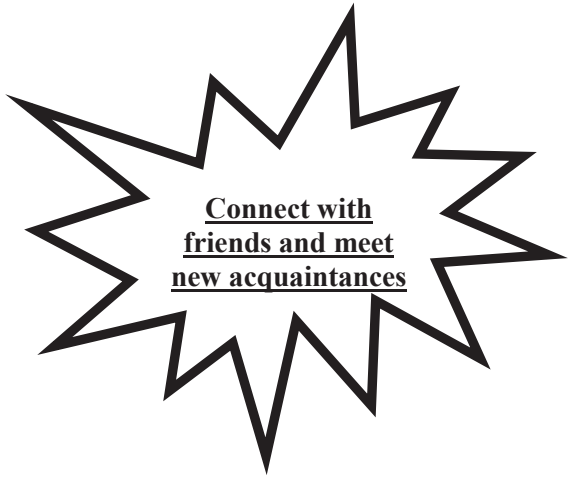
- ***Diagnosis and Follow-up of Multiple Myeloma (The role of the Laboratory) Case studies***
- ***Primary Immunodeficiency Disease***
- ***Atypical Pulmonary Infection***
- ***Advanced Antibody Identification***
- ***Lab Investigation of Transfusion Reactions***
- ***Managing Preanalytical Variables in Specimen Collection***

March 10 – 11, 2018

(Saturday & Sunday)

Register by March 1, 2018
Seating is limited
For Details Contact:
Christine Darmanian
(559) 255-6291

Sponsors: **The Binding Site**
ARUP Laboratories
Becton Dickinson (BD)



Location:
Ramada Inn
324 E. Shaw Ave.
Fresno, CA 93710

From the North: from Highway 99, go East on Shaw Avenue, and go 6 miles. Then make U-turn on Fresno Street. Hotel/Conference is on the right.

From the South: from Highway 99, go north on Highway 41, exit on Shaw exit. Turn Right then make U-turn on Fresno Street. Hotel/Conference is on the right.

CAMLT Provider # 0021

Refund policy: Notice of cancellation must be received by March 4, 2018 No refunds will be issued after March 4, 2018. A non-refundable $10 processing fee will be deducted.

SATURDAY March 10, 2018 0700 - 0800 Registration

SUNDAY March 11, 2018 0700 – 0800 Registration

Saturday, March 10, 2018 8:00 am – 3:30 pm (6.0 CEU)

Anne Sherwood, Ph.D.
Director of Scientific Affairs
The Binding Site

Title: (Part I) Diagnosis and Follow-up of Multiple Myeloma and Related Disorders – The role of the laboratory
(Part II) Myeloma Case Studies
(Part III) Primary Immunodeficiency Disease: Underdiagnosed at any age ***(3.0 CEU)***

Course Abstract: Patients with multiple myeloma (MM) and related plasma cell disorders often present with non-specific symptoms, making diagnosis challenging. The laboratory can play a key role to help the clinician obtain a more accurate diagnosis by adopting updated MM screening protocols recommended by the International Myeloma Working Group (IMWG) & National Comprehensive Cancer Network (NCCN).
Primary Immunodeficiency Diseases (PID) are inborn, genetic disorders with defects in one or more components of the immune system. There are over 180 disease states associated with PID, and they are often underdiagnosed. Categories of PID, the various methods of testing involved, and economic impact of lack of diagnosis will be discussed.

Measurable Objectives:
1. Compare traditional myeloma testing methods with current recommended protocols
2. Discuss the updated IMWG criteria for diagnosis of Multiple Myeloma and new recommendations for inclusion in routine practice
3. Identify the difference between primary and secondary immunodeficiency and understand categories of Primary Immunodeficiency Diseases (PID)
4. Recognize testing methodology for determining presence of a PID

Mohamed Fayed MD
Assistant Professor
Pulmonary Critical Care, UCSF Fresno

Title: Atypical Pulmonary Infection
Non-tuberculous Mycobacterium (NTM) Infection
Coccidioidomycosis ***(3.0 CEU)***

Course Abstract: This presentation will take a comprehensive approach to current evaluation and management of atypical pulmonary infection including pulmonary NTM and Coccidioidomycosis. The topic includes: source of infection, clinical manifestation, laboratory and radiological diagnosis and management.

Measurable Objectives:
1 . Assess the evaluation of atypical pulmonary infection
2 . Identify developments of personalized treatment management
3. Recognize problems associated with NTM and Coccidioidomycosis Infection and describe current laboratory diagnosis
4. Summarize a radiological pattern of atypical pulmonary infection

Sunday, March 11, 2018 8:00 am – 3:30 pm (6.0 CEU)

Justin Rhees MS MLS (ASCP) SBB
Program Director, University of Utah MLS Program

Title: Advanced Antibody Identification: Case Studies
Laboratory Investigation of Transfusion Reactions: Case Studies **(3.0 CEU)**

Course Abstract: **(Part I):** Difficult antibody identification cases in transfusion can be easily resolved with knowledge of blood group antigen characteristics, antibody idiosyncrasies, and established algorithms. This presentation will explore several advanced cases, and you may be a bit surprised at the end when the answer isn't exactly what you expect.
Abstract (Part II): Many of the signs and symptoms of transfusion reactions are shared. Not all reactions are diagnosed by tests performed in the laboratory. This session includes a review of the characteristics of acute and delayed hemolytic and nonhemolytic transfusion reactions, and case studies.

Measurable Objectives:
1. Describe the characteristics of a clinically significant antibody.
2. List the steps to be taken after antibody identification to determine if the work up has been correctly and completely performed.
3. Correlate knowledge of serologic characteristics of several antibodies and work through procedures to correctly resolve antibody identification
4. Discuss the risks and adverse events associated with the transfusion of various blood products.

Shrita Ann Smith MS BS MT (ASCP)
Manager, Global Technical Services Department

Lena Arzoumanian MS MT (ASCP)
Global Technical Services Specialist

Title: Managing PreAnalytical Variables in Specimen Collection "It's all about Patient Outcomes" **(3.0 CEU)**

Course Abstract: This presentation addresses the preanalytical phase of laboratory testing from patient preparation to delivery of the specimens to the laboratory for analysis. The objective is to provide an understanding of the importance of factors that influence preanalytical variables in specimen collection, processing/handling preanalytical sources of error and the impact on laboratory testing. Focus will be placed on established guidelines, procedures and techniques.

Measurable Objectives:
1. Describe the importance of preanalytical variables in specimen collections
2. Identify the preanalytical phase as the time from test order until sample analysis
3. Identify factors that influence preanalytical variable in specimen collection, processing and handling, source of error and the impact of laboratory testing

FRESNO CAMLT & CITY COMMITTEE SEMINAR REGISTRATION FORM

March 10 - 11, 2018

Mail-in Registration Deadline: March 1, 2018
Detach and mail with check payable to:

Fresno CAMLT
6291 E. Alta Ave.
Fresno, CA 93727

NAME: _____

ADDRESS: _____

CITY/ZIPCODE: _____

PHONE (day/evening)_____

Join CAMLT now or renew your membership and save on your seminar registration fee
CAMLT membership fees help protect the future of your profession

_____ Yes, enclosed is my check for 1 year CAMLT membership (1 year Membership = $120.00).

Make membership check payable to CAMLT.
Enclose separate checks for seminar registration and CAMLT membership

I wish to receive a registration confirmation by phone/email (print clearly):
_____

Register by mail to ensure your space.

_____ CAMLT Members: 1 day Saturday only **($50.00)**

_____ CAMLT Members: 1 day Sunday only **($50.00)**

_____ CAMLT Member: 2 days Sat. & Sun. **($90.00)**

_____ NON-CAMLT Member: 1 day only (Sat.) **($70.00)**

_____ NON-CAMLT Member: 1 day only (Sun.) **($70.00)**

_____ NON-CAMLT member: 2 days Sat. & Sun **($125.00)**