



Newsline

California Association for Medical Laboratory Technology
Vol. 42 No.2

July, 2016

Published by and for CAMLT

77th Annual Meeting and Exhibits Power Through Professionalism!

Fun-Nite!

Student Forum

Member Forum

House of Delegates

Installation Banquet

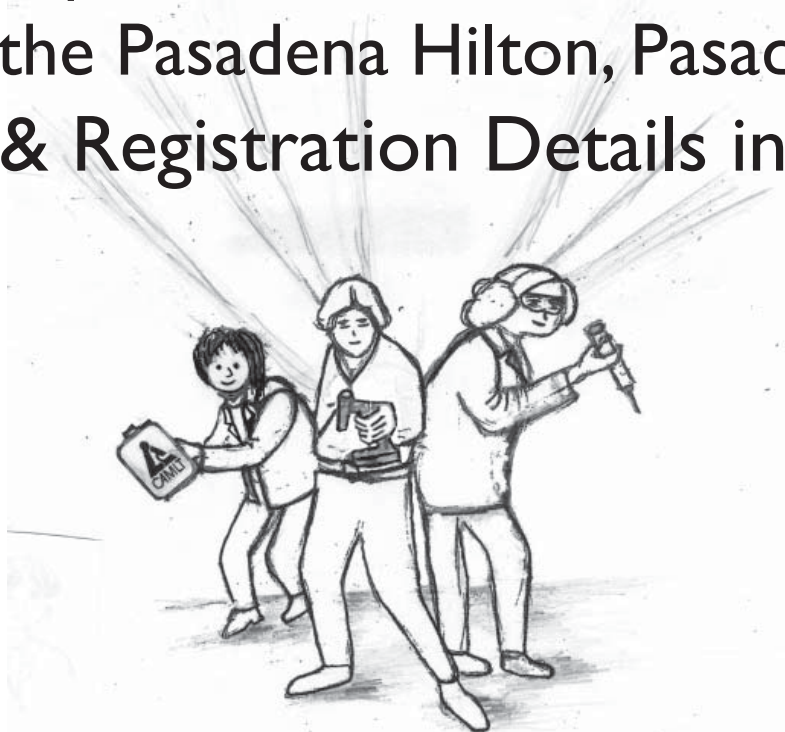
20 Great Workshops!

Friday, Saturday and Sunday

September 16, 17 & 18, 2016

At the Pasadena Hilton, Pasadena

Program & Registration Details in this issue



Unable to attend the convention this year and still need continuing education? We will miss you at convention but rest assured you can still earn CEUs via CAMLT's distance learning courses online at www.camlt.org.

Message From the President



MAKE AN IMPACT, HAVE ...
 "POWER THROUGH PROFESSIONALISM"

I am pleased to invite you to attend our Annual Meeting, Seminars and Exhibits at the Pasadena Hilton on **September 16, 17 and 18**. The hotel is located next to "Old-Town Pasadena" and is close to many restaurants, shops, and entertainment venues.

Hosted by District IV – **Eastland, Foothill, Los Angeles/Los Valles, South Bay, and Westside chapters** – the convention committee and volunteers have put in many hours planning this event for your enjoyment.

The program includes many well-known speakers, such as Dr. Margie Morgan speaking about "Zika Virus", and practical information that you can use every day in the Clinical Laboratory.

The Exhibits feature manufacturers, developers, and recruiters. Come see the latest laboratory technology and job opportunities.

Our networking events include **Fun-Nite**, the **LAB-PAC Run/Walk/Stroll**, and the **Installation and Awards Banquet**. Come enjoy the improvisational troupe, "COLD TOFU" at Fun-Nite on Friday.

Walking around Old-Town Pasadena is a good way to start your Saturday morning while making a donation to CAMLT's LAB-PAC. The Installation and Awards Banquet will give you the opportunity to connect with old friends and make some new ones. Visit our sponsors at the Exhibits. They have generously donated to assist us so we can offer excellent learning opportunities at this meeting.

Three full days of educational sessions should have plenty of interest for the generalist or specialist. With the lowest rates of the industry, CAMLT's Annual Meeting, Seminars and Exhibits offer the best return on your investment.

- Our business meetings are open to everyone.
- Come hear a local legislator speak at the LAB-PAC Luncheon.
- The Student Forum offers a special day for students to participate and learn.
- The House of Delegates includes representatives from every chapter throughout the state. Come to be part of the decision-making process or just see how it works.

CAMLT is the largest active clinical laboratory professional association in the state. We are committed to representing the viewpoint of all laboratory professionals. To achieve this goal we depend on volunteers like you to serve as officers and committee members. We maintain an office in Fremont and retain a legislative advocate, Public Policy Associates (PPA), to advise us when legislation or regulatory issues that affect our profession are proposed. CAMLT is the primary professional organization that legislators listen to for guidance in clinical laboratory matters.

In order to continue to offer these many benefits, our goal this year is to double our membership.

We are all invested in our Mission:

"CAMLT enhances clinical laboratory professions through public policy advocacy, education, and member services."

This year's theme, "POWER THROUGH PROFESSIONALISM", means:

- Be informed; information is power
- Have pride that your work is of the highest quality
- Participate in your organization: CAMLT
- Let others know how valuable your profession and your professional organization are!

JOIN US NOW ... If you are unable to attend, leave your mark by supporting us.

Sincerely,

Ilene Dickman
 President, CAMLT

In This Issue . . .

Convention.....	1
Message from the President.....	2
Newsletter Award.....	2
CLS of the Year, Call for Nominations.....	3
Convention Events.....	4
Convention Schedule	5
CAMLT Board of Directors.....	5
2016 Convention Committee	5
Convention General Information.....	6
Hotel Information	7
Convention Exhibitors and Sponsors.....	8-9
Workshop Abstracts	10-15
Convention Schedule at a Glance	16
Convention Registration Form	17
Lab Week 2016, New Website Launch.....	18
Membership Application.....	19

Enter your newsletter for the Annual Newsletter Award!

Send copies of your newsletter for judging to:

Joyce Ma
 CAMLT Awards Chair
 524 S. Orange Ave., Apt. A
 Monterey Park, CA 91755
 323.719.7228
 kardyuki@hotmail.com

REQUESTING NOMINATIONS FOR 2016-2017 STATE OFFICES AND COMMITTEES

Nominations are now being accepted for CAMLT State Officers and Committee Chairpersons. Don't delay – the Nominations Committee needs time to determine eligibility and to contact the prospective candidate. If you are interested in serving in a State office as a member of the Board of Directors, or in a State Committee Chairperson position, or know of someone who is a good candidate, submit your name, address, telephone number, and email address to:

Valerie Trenev
CAMLT Nominations Chair
4623 Marlene Dr.
Santa Maria, CA 93455
Cell: 805.266.2340
vsttrenev@yahoo.com

The following positions are open:

President-Elect (1 year)	Judicial Committee (2 years) - Three positions
Secretary (1 year)	Finance Chairperson (2 years)
District II Consultant (2 years)	Nominations Committee (1 year) - Five positions (Districts I through V)
District IV Consultant (2 years)	

NOMINEES FOR CLS OF THE YEAR AWARD WANTED!

Now is the time to submit nominations for the prestigious CLS of the Year Award. Contact:

Joyce Ma
CAMLT Awards Chair
524 S. Orange Ave., Apt. A
Monterey Park, CA 91755
323.719.7228
kardyuki@hotmail.com

or

the CAMLT Office, office@camlt.org,
for details on qualifications and deadlines for submission.

RECRUIT FOUR NEW MEMBERS, GET A FREE MEMBERSHIP

To encourage all CAMLT members to spread the word about the benefits of membership, CAMLT offers an incentive proposal: Recruit four new members and your own membership renewal will be free. How's that for a good deal? CAMLT's ranks will increase and you will save money.

Here's how it works:

- When you recruit a new member, enter your name as recruiting member on the membership application. (Successful recruiters always follow through by helping the applicant fill out the form – we all know how those forms get lost on our desks, even when we really, truly mean to send them in.)
- The Executive Office staff will track these recruitments.
- The recruiter must be an Active CAMLT Member.
- Keep track of the new members you bring to CAMLT. If there are four new members on your list within six months, your next membership renewal will be free.
- New members must not have been members for three years to count toward your free renewal. However, student members joining as active members when their student membership expires will count toward the total.

Note that this incentive is in addition to the \$15 certificates toward state-sponsored seminars currently given to the new member and the recruiting member.

POWER THROUGH PROFESSIONALISM!

2016 CONVENTION EVENTS

SEMINARS

Choose from 20 seminars (60 units!) on a wide variety of topics. Register early for best choice of seminars at the best prices. You may also register on-site for any seminar with available space.

EXHIBITS AND RECRUITERS

Exhibits open Friday afternoon. The exhibit booths provide a chance to meet our vendor partners in a relaxed atmosphere, exchange ideas, share contacts, gain insight into new tests and instruments. Representatives of healthcare employers from across California will also be on hand to talk with you about careers with their facilities. Exhibits continue Saturday morning.

STUDENT FORUM

Laboratory students in training programs all over California have been invited to present poster sessions or power point presentations featuring their trainee research projects. All CLS, MLT, CPT and special License program students, as well as undergraduate students with an interest in laboratory science, are invited to attend the Student Forum. All convention attendees are welcome to come enjoy the presentations and witness first-hand the future excellence of California laboratories.

FUN-NITE

Prepare for an evening of laughs! Presenting: CAMLT Comedy Club!! Enjoy drinks and tasty tidbits while being entertained by an improvisational comedy troupe. Meet old friends and new, network to your heart's content, but above all laugh and have FUN!!

LAB-PAC WALK RUN

Join us early Saturday morning with a brisk walk, run or stroll through historic Pasadena. The Walk/Run raises funds for CAMLT's LAB-PAC.

LAB-PAC LUNCHEON

On Saturday take a break from classes or the House of Delegates and join CAMLT's LAB-PAC leaders to welcome a local legislator and our Legislative Advocates Kathy Rees and Russ Noack. They will update us on current legislation of particular interest to CAMLT. This event is a fund raiser for LAB-PAC, to provide the means by which CAMLT works to protect and strengthen laboratory regulations in California.

INSTALLATION BANQUET

The formal finish to this year's convention is a great opportunity to celebrate the successes of the year and our new Board Members as they are officially installed. CLS of the Year will be awarded as you relax with good food, good music and good friends.

CAMLT/NEWSLINE

Volume 42, No.2
Ilene Dickman, President

Editorial correspondence should be addressed to CAMLT/ *Newsline*, 39656 Mission Blvd., Fremont, CA 94539.

Scientific articles submitted for publication in the CAMLT/ *Newsline* should be approximately 1,000 words in length or about three pages, double spaced, typed materials. Please include references when appropriate. Since the articles are relatively short, the editors do not feel that an abstract is necessary. All articles should be accompanied by a picture of the author.

Articles describing procedures should include materials and methods as well as results. All graphs and charts should be reducible. Abbreviation (except for those in common scientific usage) should be defined and introduced parenthetically when first used in text.

Advertising correspondence should be addressed to 39656 Mission Blvd., Fremont, CA 94539. (510) 792-4441, FAX (510) 792-3045, e-mail: office@camlt.org.

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2016 CONVENTION EVENTS SCHEDULE

Thursday, September 15

CAMLT Board of Directors Meeting: 10:00 AM – 5:00 PM

Friday, September 16

Continuing Education Seminars: 8:30 – 11:30 AM & 1:30 – 4:30 PM

CAMLT Education and Research Foundation Meeting: 8:00 – 10:00 AM

CCEA Meeting: 10:00 AM – 12:00 Noon

Student Forum: 1:00 – 4:00 PM

CAMLT Member Forum/Finance/Orientation/Training: 2:30 – 4:30 PM

Exhibits: 4:30 – 6:00 PM

Fun-Nite: 7:00 – 10:00 PM

Saturday, September 17

Continuing Education Seminars: 8:30 – 11:30 AM & 1:30 – 4:30 PM

LAB-PAC Run/Walk/Stroll: 6:30 – 7:30 AM – Meet at 6:20 AM in the Hotel Lobby

CAMLT House of Delegates: 8:00 – 11:00 AM (House convenes at 9:00 AM)

Exhibits: 11:00 AM – 1:30 PM

CAMLT LAB-PAC Luncheon: 12:00 – 1:30 PM

CAMLT House of Delegates: 1:30 – 4:30 PM

Installation Banquet: 7:00 – 10:00 PM

Sunday, September 18

Continuing Education Seminars: 8:30 – 11:30 AM & 1:30 – 4:30 PM

CAMLT Board of Directors Meeting: 8:30 AM – 11:30 PM

2016 CONVENTION COMMITTEE

Ilene Dickman
Kathleen Doty
Joyce Estes (LAB-PAC)
Cheryl Harris
Joyce Ma
Jim McFarland
Karen McFarland
Bob Parada
Rebecca Rosser
Alicia Santos
Desiree Tan-Castillo
Roy Vogel
Gary Wong

2015-2016 BOARD OF DIRECTORS

President Ilene E. Dickman
President-Elect..... Open
Past-President Dora W. Goto
Secretary Josilyn Schrage
Treasurer Mary Jeanne Stavish
District I Consultant..... Shareen Mezger
District II Consultant..... Melissa L. Parry
District III Consultant Mark Briones
District IV Consultant..... Aylmer Keith Dy
District V Consultant..... Marlene DeMers

GENERAL INFORMATION

“Power Through Professionalism!”, the 77th Annual Meeting and Exhibits for the California Association for Medical Laboratory Technology, will be held at the Hilton Pasadena Hotel from Friday, September 16 through Sunday, September 18, 2016. This meeting is open to CAMLT members and non-members alike. See Hotel Information page for reservation information.

ADVANCE REGISTRATION: Send in your registration form. Early-bird registration must be postmarked by 8/18/16. Reserve your hotel room. Non-members send in registration form with membership application and save \$\$\$!

ON-SITE REGISTRATION: If you are unable to register in advance, on-site registration begins at 7:00 a.m. each day of the meeting. On-site registration is subject to availability. Additional on-site registration fee of \$5.00 applies.

SEMINAR START TIMES: Continuing education courses start promptly at 8:30 a.m. and 1:30 p.m.

PARKING: Valet parking is preferred! No elevator for Guest Parking. See Hotel Information page for more information.

AIRPORT TRANSPORTATION: The hotel is 20 minutes from Bob Hope Burbank Airport (BUR) and 45 minutes from Los Angeles International Airport (LAX).

HOTEL DIRECTIONS: Take I-5 South to CA-134 Freeway East to I-210 East. Exit Lake Avenue and turn right. Continue down Lake Avenue to Cordova and turn right. Proceed down Cordova to Los Robles Avenue and turn right. Hotel is located immediately on the right.

CAMLT REFUND POLICY

- Complete refund issued for programs cancelled by CAMLT.
- Complete refund, less a \$25 cancellation fee, for programs canceled by participant. Refund must be requested in writing by 8/18/16.
- Full credit (less a \$25 cancellation fee) toward a future state seminar or convention will apply to requests for cancellation after 8/18/16 and prior to 9/8/16.
- Refunds/credits not applicable to cancellation requests after 9/8/16.

DISCLAIMER: CAMLT hereby disclaims any liability for product or services exhibited, nor does it necessarily support the content of any educational session. Acceptance of advertising does not indicate or imply product endorsement by CAMLT.

ACCREDITATION: CAMLT is approved by the California Department of Public Health as an accrediting agency for continuing education (provider #21) and by the State of Nevada Bureau of License and Certification.

ATTENDANCE POLICY: Choice of workshops may NOT be changed on-site. In compliance with California State Continuing Education (CE) regulations, participants MUST attend the entire workshop to receive CE credits. NO partial credit will be awarded for late arrival/early departures. NO EXCEPTIONS.

POLICY FOR PERSONAL INFORMATION DATA: The 2016 Convention Committee will make available to exhibitors a contact list of attendees (mailing address only). If you prefer that your name not be included on the list, please so indicate on the Registration Form.

Thank you to Quest Diagnostics as Platinum Sponsor of the 2016 Convention.



HOTEL/TRAVEL INFORMATION

You will be staying at:

Hilton Pasadena Hotel • 168 South Los Robles Avenue, Pasadena, CA 91101

Tel: 1-626-577-1000 • Fax: 1-626-584-3148

<http://www3.hilton.com/en/hotels/california/hilton-pasadena-PASPHHF/index.html>

Hilton Hotel Pasadena welcomes you to the vibrant, picturesque, historic, and pedestrian friendly city of Pasadena. Their hotel is centrally located to all the popular Los Angeles and Southern California attractions and only 20 minutes from Bob Hope Burbank Airport and 45 minutes from Los Angeles International Airport (LAX). Known as the “City of Roses,” Pasadena is also home to the Rose Bowl Game® and the annual Tournament of Roses Parade®.

Note that the Hilton Pasadena is a non-smoking hotel and guests may not smoke in any hotel guest room.

Note concerning housing: CAMLT has made every effort to secure the best possible group nightly room rate for you at this event. The rate results from a negotiated overall package of event needs such as sleeping rooms, meeting room space, and other requirements. Contracts with the venue include a provision to reduce event costs if CAMLT meets or exceeds its minimum sleeping room block guarantee. Conversely, event costs will increase if CAMLT falls short of its minimum room block guarantee. Please help CAMLT keep the costs of this event as low as possible by booking your housing needs only at Hilton Pasadena Hotel through the reservation process below. Reserving elsewhere means you are booking outside the contracted room blocks, jeopardizing CAMLT’s ability to meet its contracted obligations and to keep registration fees to a minimum. CAMLT appreciates your support and understanding of this important issue.

Reservation Procedures: CAMLT has negotiated a block of standard guest rooms at a rate of \$155.00/single double. Room rates are quoted exclusive of local taxes and fees, currently 15%. California State Tourism Tax is additional at \$0.10 per room, per night. Room rates are available from Wednesday, September 14, 2016 through Monday, September 19, 2016 based on Hotel’s room and/or rate availability. Please don’t wait until the last minute and risk missing out on the CAMLT rates. Room assignments can be made directly with the Hilton Pasadena’s room reservation department by calling the hotel direct 626-577-1000 or the toll-free number **1-800-HILTONS**. Request the group rate for 77th Annual Meeting and Exhibits of the CAMLT. You may also make a reservation via the Internet using the **Personalized On Line Group Page:** http://www.hilton.com/en/hi/groups/personalized/P/PASPHHF-CAFMLT-20160914/index.jhtml?WT.mc_id=POG

Once an individual reservation has been made, any changes should be made directly with the Group Reservations Department. A credit card number or first night’s advance deposit will be required to secure a room out of this block. Cancellations must be received 24 hours prior to arrival or one night room and tax will be assessed.

Attendee Billing: Individuals shall be responsible for their own room, tax, and incidental charges. All charges incurred are to be paid upon checkout.

Cut-Off Date: The “cut-off-date” for accepting reservations into CAMLT’s room block is Monday, August 15, 2016. After this date, the CAMLT group rate will no longer be available. **You are encouraged to reserve your room by the middle of July, in case the CAMLT Room Block sells out quickly.** If you do not book your reservation by the cut-off date, a higher rate may be charged.

Check-In/Out Time: Check out time is 12:00 Noon. Based on the hotel’s prior night’s occupancy, check-in time falls between the hours of 3:00 PM & 5:00 PM on the day of arrival. To facilitate scheduling, guests are asked to honor the hotel’s 12:00 Noon check out time on the date of departure.

Early Departure Fee: In the event that a guest who has reserved a room within CAMLT’s block checks out prior to the guest’s reserved checkout date, an early departure fee of \$100.00 will be charged to that guest’s individual account. Guests wishing to avoid this fee must advise the hotel at or before check-in.

Hotel Amenities: The following amenities are available to CAMLT’s guests at Hilton Pasadena Hotel: Complimentary Shuttle within a 2 mile radius • Pet friendly facility • Heated outdoor swimming pool equipped with a whirlpool spa • Well-appointed fitness center

Guest Accommodations: Complimentary guest room internet (9.95 per room per day value) is offered to CAMLT’s guests • All rooms offer: Hairdryer, Smart Desks with desktop outlets, task lighting and ergonomic chair, Cable TV with expanded channel selections, Hilton clock radio with MP3 connection, Two line phones with Voicemail, Iron and ironing boards, Coffee brewer with complimentary coffee and tea • East facing rooms and suites offer views of the San Gabriel Mountains

Recreation: Experience the plethora of attractions in the Los Angeles area. Hilton Pasadena is 10 miles from Downtown LA, one block from Pasadena Convention Center, two miles from the Rose Bowl, and minutes from Old Town Pasadena, Universal Studios Hollywood, Mann’s Chinese Theatre, Dodger Stadium, Disneyland, Raging Water, and Six Flag Magic Mountain. For a unique shopping and dining experience, Paseo Colorado is an easy stroll at only one block away.

Dining: The best in fine California cuisine at **Trevos Restaurant**, serving breakfast, lunch, or dinner • **Grill 168**, serving lunch and dinner • Grab a cup of your favorite coffee blend and a snack to go at the **Coffee Corner**, located within the lobby level

Parking: Hilton Valet Service (Front Entrance) is available at a special discounted group rate of \$11.00 per day for event parking and this rate **does not include** in/out privileges. Overnight Valet Parking is also available at a rate of \$21.00 per overnight stay and **does include** in/out privileges. Overnight Valet Parking is valid from check in time to 3:00PM (includes a 3 hour grace period from 12:00PM check out time) the following day. Should guests require Valet Parking from the hours of 3:00PM – 6:00PM, there is an additional charge of \$11.00. Please note, after 6:00PM guests will be charged full overnight rate of \$21.00. The hotel recommends that attendees utilize the hotel’s Valet Department for their parking needs. Please note that prices are subject to change. Note: the adjacent parking structure is open to the public. Current pricing for day visitors is \$10.00 per day and **does not include** in/out privileges. Overnight parking is \$18.00 per day and **does include** in/out privileges. These prices are subject to change and are not controlled by hotel management.



2016 EXHIBITORS



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 Diagnostica Stago
 Dignity Health
 Greiner Bio One
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 Hardy Diagnostics
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Instrumentation Laboratory
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2016 Convention and Speaker Sponsors

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Roche Diagnostics
Ruben Bonilla-Guerrero, MD
Sebia



Siemens Healthcare Diagnostics
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Eastbay Chapter
Eastland Chapter
Fresno Chapter
South Bay Chapter
Tulare Kings Chapter



WORKSHOP ABSTRACTS

Friday
September 16, 2016
8:30 – 11:30 AM

Part I) Overview of Allergy Medicine: Diagnostic Approach in Primary Care Testing

Part II) Cardiac Biomarkers: The Changing Landscape

Part III) Syphilis: Clinical Disease and Testing Algorithms

165-100 – 3.0 CE (note: you must attend all three parts to receive credit) – Level of Instruction: Intermediate

Monet Sayegh, MD, PhD

Senior Medical Consultant Physician

Siemens Healthcare Diagnostics

Los Angeles, CA

Sponsored by Siemens Healthcare Diagnostics

Abstract (Part I): Allergy care is critical for millions of Americans. Too often patients are suffering from allergy symptoms because they do not have access to adequate care. Lack of care can lead to asthma attacks and emergency room visits creating a preventable burden on the healthcare environment. Allergists and primary care physicians need to work together to ensure appropriate care for all allergy sufferers. This presentation describes various aspects of allergies and allergy testing including: allergy definition and common allergens, clinical signs and symptoms, the allergy march and comparison of in vivo and in vitro allergy testing methods.

Abstract (Part II): The diagnosis of acute myocardial infarction (AMI) poses a challenge for clinicians, particularly in the absence of clear electrocardiographic (EKG) evidence. In 2000, a consensus conference of experts redefined MI on the basis of cardiac biomarkers, with cardiac troponin (cTn) proposed as the preferred test. Recognizing that any detectable cardiac troponin is abnormal, the ESC and ACC selected a highly sensitive cut-point that significantly lowered the value previously advocated by WHO. In 2007, the National Academy of Clinical Biochemistry (NACB) released similar guidelines, also adopting a new low cut-point for cTn for the diagnosis of an MI. This seminar reviews the utility of cTn for diagnosis of a patient presenting with suspected ischemia. In addition, the most recent cut-points, clinical interpretation, and significance of elevated cTn are reviewed, including non-ischemic causes suggestive of alternate pathologies.

Abstract (Part III): Syphilis is an easily spread infection of humans caused by the bacterium *Treponema pallidum*. After years of decline in the United States, syphilis infections are again on the rise. This seminar reviews the pathology, epidemiology, and laboratory testing involved in a diagnosis of syphilis. New testing algorithms are discussed that may enhance detection of late-stage infections as well as allow automation of the screening assay.

Part I) Pre-Analytical Variables in the Coagulation Lab: What do they matter?

Part II) Commonly Asked Coagulation Questions on the CAP Checklist

165-101 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction: Basic

Katherine Whelchel, MT(ASCP)SH

Technical Sales/Advanced Application Support

Diagnostica Stago, Inc.

Rogers, AR

Sponsored by Diagnostica Stago, Inc.

Abstract (Part I): Coagulation testing is particularly vulnerable to pre-analytical variables. This session will help identify best practices to minimize the variables that impact patient results. **Abstract (Part II):** College of American Pathologists (CAP) has added several new sections to the Coagulation Checklist in recent years, including Analytical Measurement Range, Calibration Verification and Laboratory developed tests. This presentation will seek to clarify the confusion on these requirements and discuss ways to meet these requirements. We will also discuss the requirements in using D-Dimer for venous thromboembolism (VTE) exclusion.

Part I) Dealing with Preanalytic Errors

Part II) Reducing Phlebotomy Draw Volumes

165-102 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction: Intermediate

Michelle McLean, MS, MT(ASCP), BS

Product & Clinical Applications Manager

Greiner Bio-One, Preanalytics

Raleigh, NC

Sponsored by Greiner Bio-One North America, Inc.

Abstract (Part I): Preanalytic error is a common problem for all laboratories with potential impact to the healthcare facility as a whole and, more importantly, the patient. There are several things to consider in recognizing and resolving these errors. This presentation will focus on the most common preanalytic errors that plague laboratories including hemolysis, pseudohyperkalemia and short draws as well as offer suggestions on troubleshooting and finding solutions for these issues. **Abstract (Part II):** This discussion will shift to recent initiatives to improve patient outcomes resulting from changes in healthcare. More specifically, we will explore how phlebotomy draw volumes contribute to hospital-acquired anemia and what can be done to reduce the impact of laboratory testing on our patients.

WORKSHOP ABSTRACTS

Friday
September 16, 2016
1:30 – 4:30 PM

Multiple Applications of Capillary Electrophoresis: From Identifying Monoclonal Proteins to Hb A1c

165-200 – 3.0 CE – Level of Instruction: Intermediate

Aigars Brants, PhD
Scientific Affairs Officer
Sebia, Inc.
Norcross, GA
Sponsored by Sebia, Inc.

Abstract: Electrophoresis is unique among the laboratory methods since it provides both quantitative and qualitative results. The attendees will learn the principles behind this separation technique. The differences between normal and abnormal profiles will be discussed and illustrated with relevant cases. The attendees' participation will be encouraged.

Serum protein electrophoresis is used to detect various disorders, including multiple myeloma (a cancer formed by malignant plasma cells). The cancerous cells produce monoclonal protein presented as a peak or extra fraction on the serum protein curve. Immunotyping allows typing of the monoclonal protein and provides some relevant prognostic information. The immunotyping principles and the result interpretation will be discussed. The attendees will be encouraged to interpret the presented cases.

Hb A1c concentration is used to diagnose/monitor diabetes. The epidemiology of diabetes and its burden on national healthcare will be briefly discussed. The principles behind various methodologies, the role of the results standardization and the importance of precision and accuracy in determining the reliability of the results will be reviewed. Some common interferences – both biological and analytical – and their effect on the results will be presented. At the end of the session, attendees will understand why Hb A1c is not just a number.

Are We What We Eat? – celiac disease, gluten sensitivity, FODMAP, microbiome, neuropathy, and more

165-201 – 3.0 CE – Level of Instruction: Intermediate

Wen Kumpfert, PhD
Senior Product Manager, Clinical Immunology Division
Bio-Rad Laboratories, Inc.
Benicia, CA
Sponsored by Bio-Rad Laboratories, Inc.

Abstract: In this workshop, we will discuss a wide range of topics related to celiac disease and non-celiac non-allergy gluten sensitivity, including history, clinical spectrum, pathophysiology, clinical diagnosis, treatment, diet, and most recent scientific advances in the field of gluten-related disorders. How our understanding and definition of the diseases and development of diagnostic tools influence and intertwine with each other, and what insight the evolution of this relationship offers to the clinical laboratory will be highlighted. There has been an increasing public awareness for celiac disease and gluten. This seminar encourages audience participation and discussion.

Technical Advances Revolutionizing the Role of Human Leukocyte Antigen (HLA) in Medicine: HLA Typing and Characterization of HLA Antibodies

165-202 – 3.0 CE – Level of Instruction: Intermediate to Advanced

Lee Ann Baxter-Lowe, PhD, d(ABHI)
Director, HLA Laboratory
Adjunct Clinical Professor, University of Southern California
Los Angeles, CA

Abstract: Recent developments in understanding human leukocyte antigen (HLA) structure and function will be discussed with emphasis on how these discoveries provide insights into the critical role that HLA plays in human disease and transplantation. HLA genetics will be reviewed to illustrate the basis for the extreme diversity which is a hallmark of HLA. Methods for HLA typing ranging from the basic serology method to the latest next generation sequencing technology will be described. Methods for characterizing HLA antibodies will be described with emphasis on microparticle arrays assays that are revolutionizing the field. The strengths, weaknesses, and clinical applications of tests that are routinely used for HLA typing and detecting HLA antibodies will be discussed. Case studies will be used to illustrate clinical application of tests for HLA typing characterizing HLA antibodies.

WORKSHOP ABSTRACTS

Saturday
September 17, 2016
8:30 – 11:30 AM

Implementation of the Anti-Xa Assay for Monitoring Heparin

165-300 – 3.0 CE – Level of Instruction: Intermediate

James F. DeMase, BS & Marcus Margand, MS
Accounts Managers
Instrumentation Laboratory, Inc.
Bedford, MA

Sponsored by Instrumentation Laboratory

Abstract: This lecture will review the origins of Heparin and its anticoagulation action as the initial anticoagulant of choice in the hospital setting. We will review the different options for the laboratory monitoring of Heparin, comparing the activated partial thromboplastin time (APTT) vs. the AntiXa assay. The benefits of monitoring with the anti-Xa chromogenic assay will be explored, highlighting the benefits to patient care and increased laboratory efficiency. The successful implementation of the anti-Xa assay in the lab, as well as hospital-wide, will be discussed.

Part I) Screening for Gestational Diabetes Mellitus: Challenges and Controversies

Part II) The Clinical Chemistry of Pregnancy

165-301 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction (both parts): Basic

David G. Grenache, PhD
Medical Director, Special Chemistry | Co-Medical Director, Electrophoresis/Manual Endocrinology | Section Chief, Chemistry
ARUP Laboratories
Salt Lake City, UT

Sponsored by ARUP Laboratories

Abstract (Part I): Gestational diabetes mellitus (GDM) is associated with several adverse outcomes for the fetus, newborn, and mother. Evidence clearly shows that identifying and treating pregnant women with GDM ameliorates poor outcomes. There continues to be controversy regarding the most appropriate methods to screen for and diagnose GDM. This presentation will describe the controversies in GDM testing and review the current evidence regarding the various screening recommendations. **Abstract (Part II):** Normal pregnancy is associated with a multitude of physiological adaptations. Although most pregnancies progress without complications, problems can arise in the mother, fetus, or placenta. This presentation describes normal pregnancy-related physiological changes and several disorders that are associated with pregnancy that can affect laboratory test results.

Antiphospholipid Syndrome: Symptoms, Diagnosis, and New Markers for Risk Stratification

165-302 – 3.0 CE – Level of Instruction: Intermediate

Carl Schroder, MT(ASCP), MPA
Manager, IFA Technical Sales
Inova Diagnostics
San Diego, CA

Sponsored by Inova Diagnostics

Abstract: In this session we will discuss Antiphospholipid Syndrome (APS), its symptoms, diagnostic criteria, treatments, current testing techniques, and new tests being introduced. We will describe the history and antigen make up of current and future assays. Also discussed will be how these non-invasive tests can be used to aid physicians' diagnosis, decrease missed diagnoses, reduce healthcare costs and patient suffering, and increase quality of life and survival rates for both fetuses and patients.

Part I) Women's Health – Biomarkers in Clinical Practice and Future Approaches

Part II) Natriuretic Peptides and Troponin: Testing Today

165-303 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction: (I) Basic; (II) Intermediate

Ursula Klause, PhD, Senior Scientific Affairs Manager
Theresa M. Joseph, RN, BSN, Medical Scientific Liaison
Roche Diagnostics Corporation
Indianapolis, IN

Sponsored by Roche Diagnostics Corporation

Abstract (Part I): The presentation will cover diseases that are specific to female patients (breast- and ovarian cancer) or have a significantly higher prevalence in women (osteoporosis) or are related to pregnancy (preeclampsia). We will discuss the use of biomarkers for screening, diagnosis, therapy monitoring, or recurrence testing and how new biomarkers might influence and improve clinical practice. **Abstract (Part II):** This program is intended to familiarize health professionals and laboratorians with data supporting evidence-based practice guidelines related to care of the patient with Acute Coronary Syndrome and/or Heart Failure. The focus will be on diagnostic and prognostic value of troponin and natriuretic peptides. Analytical and clinical considerations will be discussed, as will pathophysiology of the heart in Acute Coronary Syndrome and Heart Failure.

WORKSHOP ABSTRACTS

Saturday
September 17, 2016
1:30 – 4:30 PM

Part I) Lysosomal Storage Disorders: The Mucopolysaccharidoses

Part II) Inborn Errors of Metabolism: A Review of Fatty Acid Oxidation Disorders

165-400 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction (both parts): Intermediate to Advanced

Rubén X. Bonilla-Guerrero, MD, FACMG, FACB, CGMBS

Medical Director Medical Affairs, Genetics

Associate Medical Director, Genetics

Quest Diagnostics Nichols Institute

San Juan Capistrano, CA

Sponsored by Dr. Bonilla-Guerrero

Abstract (Part I): Inborn errors of metabolism (IEM) are a rare group of disorders characterized by a blockage at a specific step of a particular metabolism pathway. Most of these disorders are due to a primary enzymatic deficiency most commonly inherited from the parents. In some instances, secondary inhibition of the primary enzyme can occur, too. The objective of this presentation is to provide a comprehensive review of the principles of biochemical genetic disorders and diagnosis. To exemplify those principles, we will review The Lysosomal Storage Disorders and the Clinical Presentation of IEM in the neonate patient as well as the Mucopolysaccharidoses. We will also review case study presentations to engage the audience to put in practice the material covered by this presentation. **Abstract (Part II):** Continuing to exemplify the principles of biochemical genetic disorders and diagnosis, we will review two specific groups of disorders: Fatty Acid Oxidation Disorders and Bile Acids Biosynthesis Disorders. We will also review case study presentations to engage the audience to put in practice the material covered by this presentation.

Hot Topics in Microbiology! Zika, *C. difficile* and Antimicrobial Stewardship

165-401 – 3.0 CE – Level of Instruction: Intermediate

Margie Ann Morgan, PhD

Scientific Director Microbiology

Cedars-Sinai Medical Center

Los Angeles, CA

Abstract: During this three-hour session, three separate “hot” topics in microbiology will be covered: (1) Discuss the virology and epidemiology of Zika, Dengue and Chikungunya viruses, provide current recommendations for the diagnosis of Zika virus infection, and overview of how to prevent infection; (2) Discuss the current testing controversies for the detection of *C. difficile* infection; and (3) Discuss the role of the microbiology laboratory in the effort to better use antibiotics.

What Made Sally Sick? The Use of Multiplex Polymerase Chain Reaction (PCR) Panels as First Line Tests for Detection of Respiratory and Intestinal Pathogens

165-402 – 3.0 CE – Level of Instruction: Intermediate

Alex L. Sterling, BS

Sales Manager / Laboratory Diagnostics

BioFire Diagnostics

Salt Lake City, UT

Sponsored by BioFire Diagnostics, LLC

Abstract: Multiplex PCR panel has been available since 2008. Today, numerous PCR panels for detection of several respiratory and gastrointestinal pathogens are commercially available. In the area of testing for an infectious disease, these products have become a disruptive technology in their ability to integrate molecular diagnostics and microbiology. Some of these tests are labor intensive, while others provide simple workflows; all of them are more expensive than standard technique to the laboratory and patient. Many of the assay panels can detect up to 22 pathogens. More confounding to the clinician is how these pathogens can cause similar symptoms, yet lead to different manifestations of infection within the same organ system. While some laboratories and hospitals have limited the frequency at which patients can be tested, others have allowed the ordering provider to exercise clinical judgment as to whether they are appropriate for first line diagnostic testing.

Part I) Rescue of Alpha Thalassemia Fetus and In-Utero Treatments

Part II) Neonatal Transfusion Practices

165-403 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction (both parts): Intermediate

Charif El Masri, MT (ASCP) SBB

Manager, Transfusion Medicine

Children's Hospital Los Angeles

Los Angeles, CA

Abstract (Part I): Alpha Thalassemia is a genetic condition often misdiagnosed during pregnancy. This condition is often associated with adverse outcomes for the fetus and for the mother. This presentation will describe the screening tools used to identify Alpha Thalassemia and review all possible management options available to clinicians and families facing this situation. **Abstract (Part II):** Neonatal Transfusion is an important and frequent component of neonatal intensive care. Transfusion indicators for low birth weight infants are still controversial and mainly based on expert clinical opinions. This presentation will review the controversies regarding the transfusion triggers as well as large volume of blood transfused and complications presented during neonatal blood transfusions.

WORKSHOP ABSTRACTS

Sunday
September 18, 2016
8:30 – 11:30 AM

Massive Transfusion, Trauma and Obstetric

165-500 – 3.0 CE – Level of Instruction: Intermediate

Holli M. Mason, MD

Associate Director, Transfusion Medicine

Medical Director, Core, Emergency Department, and Cancer Center Laboratories

Medical Director, Laboratory Support Services, Informatics, Clinical Laboratory Scientist Training Program, and Ebola POC Laboratory

Cedars-Sinai Medical Center

Associate Professor of Pathology, Step 2

David Geffen School of Medicine at UCLA

Los Angeles, CA

Abstract: This discussion will concentrate on the physiological changes that occur during a massive transfusion, the definition of massive transfusion, and the rationale for having a massive transfusion protocol. We will look at the differences and similarities in emergency transfusions for obstetric and trauma patients and review the recent update of the California Maternal Quality Care Consortium's Obstetric Hemorrhage Toolkit, 2.0. We will also discuss the nuts and bolts of implementing both the toolkit and a massive transfusion protocol.

Part I) Next-Generation Sequencing Approaches in Cancer

Part II) Molecular Diagnosis of Genetic Diseases: From Single Gene, Gene Panel to Exome

165-501 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction (Part I): Basic; Level of Instruction (Part II): Intermediate

Matthew Hiemenz, MD

Assistant Director, Clinical Genomics | Center for Personalized Medicine | Children's Hospital Los Angeles

Los Angeles, CA

Jianling (Jenny) Ji, MD, MS, FAMG

Assistant Director, Clinical Genomics | Center for Personalized Medicine | Children's Hospital Los Angeles

Assistant Professor of Clinical Pathology | Keck School of Medicine at USC

Los Angeles, CA

Abstract (Part I): Next-Generation Sequencing (NGS) is a powerful tool for detecting mutations in DNA and RNA. This lecture describes some of the current applications of NGS for tumor samples in the clinical laboratory. Practical challenges and opportunities involved in implementing and operationalizing this testing for clinical cancer testing will be emphasized.

Abstract (Part II): (1) Before you begin ... introduction of basic molecular test techniques; (2) Single gene/multiplex techniques and gene panels; (3) Clinical exome sequencing. This lecture will provide a review and update on a number of techniques including single gene-multiplex testing, gene panels (first half) and clinical exome sequencing (second half). We will discuss the technical differences and clinical applications between the methods.

Laboratory Diagnosis of von Willebrand Disease

165-502 – 3.0 CE – Level of Instruction: Intermediate

Larry J. Smith, PhD, SH(ASCP), HCLS/CC(ABB)

Liaison Manager, Medical and Scientific Affairs

Abbott Diagnostics Division – Hematology Unit

Santa Clara, CA

Sponsored by Abbott Diagnostics Division

Abstract: von Willebrand Disease (VWD) is the most common congenital bleeding abnormality in the world affecting approximately 1 – 2% of the general population. Accurate diagnosis can often be challenging. After a brief review of the structure and function of von Willebrand factor, the speaker will describe current classification scheme for VWD and assays used to diagnose the disorder.

WORKSHOP ABSTRACTS

Sunday
September 18, 2016
1:30 – 4:30 PM

Hematology Essentials: A Foundation for Accurate Smear Reviews

165-600 – 3.0 CE – Level of Instruction: Basic

Christine Hinz, MS, MLS(ASCP)^{CM}

Product Manager, IT

Sysmex America, Inc.

Lincolnshire, IL

Sponsored by Sysmex America, Inc.

Abstract: Reviewing hematology slides can be challenging. A patient's blood picture is dependent on condition and treatment and can change over time. How can you distinguish a blast from a reactive lymphocyte? How do growth factor drugs affect WBC morphology? This workshop will take the attendees beyond the textbook on a journey through case studies that provide a basic review of hematology cells and morphology.

Role of Whole Blood Platelet Lumiaggregometry in Clinical Practice

165-601 – 3.0 CE – Level of Instruction: Intermediate to Advanced

Oksana Volod, MD, FCAP

Director, Coagulation

Cedars-Sinai Medical Center

Los Angeles, CA

Abstract: Platelet aggregometry has been the reference method employed to detect, diagnose, and monitor qualitative platelet disorders since the early 1960s. Lumiaggregometry and impedance-based whole blood lumiaggregometry (WBBA) have advantages over light transmittance aggregometry in that they provide for enhanced specimen management and increase the test sensitivity to impairment of platelet granule secretion. WBBA detects and identifies congenital and acquired platelet plasma membrane receptor defects, metabolic pathway secretion disorders, and storage pool deficiency. WBBA is also being applied to antiplatelet therapy monitoring and identifies aspirin and thienopyridine resistance. There is growing interest in using impedance-based WBBA for platelet analysis and antiplatelet therapy monitoring. During this workshop, clinical application of WBBA in evaluation of antiplatelet drugs effect, bleeding and thrombotic disorders will be discussed. Interesting case studies will be presented.

Laboratory Diagnosis and Monitoring: Myeloma

165-602 – 3.0 CE – Level of Instruction: Intermediate

Steven Marionneaux, MS, MT(ASCP)

Global Scientific Affairs Manager

Abbott Hematology

Santa Clara, CA

Sponsored by Abbott Hematology

Abstract: We will explore the multi-laboratory evaluation of plasma cell myeloma. Patients are diagnosed and monitored in hematology, chemistry, special protein, immunology, cytogenetics, molecular, and flow cytometry labs. Hopefully, attendees will leave with a better understanding of myeloma and how proper assessment and management are heavily dependent on many aspects of laboratory medicine.

2016 CONVENTION SCHEDULE AT-A-GLANCE

Friday, September 16

165-109 — Student Forum 1:00 – 4:30 PM			
165-100 - 3.0 CE (note: you must attend all three parts to receive credit) 8:30 – 11:30 AM Level of Instruction: Intermediate Monel N. Sayegh, MD Part I) Overview of Allergy Medicine: Diagnostic Approach in Primary Care Testing Part II) Cardiac Biomarkers: The Changing Landscape Part III) Syphilis: Clinical Disease and Testing Algorithms Sponsored by Siemens Healthcare Diagnostics	165-101 - 3.0 CE (note: you must attend both parts to receive credit) 8:30 – 11:30 AM Level of Instruction: Basic Katherine Wineichel, MT(ASCP)SH Part I) Pre-Analytical Variables in the Coagulation Lab: What do they matter? Part II) Commonly Asked Coagulation Questions on the CAP Checklist Sponsored by Diagnostica Stago, Inc.	165-102 - 3.0 CE (note: you must attend both parts to receive credit) 8:30 – 11:30 AM Level of Instruction: Intermediate Michelle McLean, MS, MT(ASCP), BS Part I) Dealing with Prenalalytic Errors Part II) Reducing Phlebotomy Draw Volumes Sponsored by Greiner Bio-One North America, Inc.	
165-200 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Intermediate Algars Brants, PhD Multiple Applications of Capillary Electrophoresis: From Identifying Monoclonal Proteins to HbA1c Sponsored by Sebia, Inc.	165-201 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Intermediate Wen L. Kuntfert, PhD Are We What We Eat? – Celiac disease, gluten sensitivity, FODMAP, microbiome, neuropathy, and more Sponsored by Bio-Rad Laboratories, Inc.	165-202 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Intermediate to Advanced Lee Ann Baxter-Lowe, PhD, dABHI Technical Advances Revolutionizing the Role of HLA in the Medicine: HLA Typing and Characterization of HLA Antibodies	
Saturday, September 17			
165-300 - 3.0 CE 8:30 – 11:30 AM Level of Instruction: Intermediate James F. DeMase, BS Marcus Mangand, MS Implementation of the Anti-Xa Assay for Monitoring Heparin Sponsored by Instrumentation Laboratory	165-301 - 3.0 CE (note: you must attend both parts to receive credit) 8:30 – 11:30 AM Level of Instruction: Basic David G. Grenache, PhD Part I) Screening for Gestational Diabetes Mellitus: Challenges and Controversies Part II) The Clinical Chemistry of Pregnancy Sponsored by ARUP Laboratories	165-302 - 3.0 CE 8:30 – 11:30 AM Level of Instruction: Intermediate Carl Schroder, MT(ASCP), MPA Antihypolipid Syndrome: Symptoms, Diagnosis, and New Markers for Risk Stratification Sponsored by Inova Diagnostics	165-303 - 3.0 CE (note: you must attend both parts to receive credit) 8:30 – 11:30 AM Level of Instruction: (I) Basic (II) Intermediate Ursula Klaus, PhD Theresa M. Joseph, RN, BSN Part I) Women's Health – Biomarkers in Clinical Practice and Future Approaches Part II) Nutritive Peptides and Troponin: Testing Today Sponsored by Roche Diagnostics Corporation
165-400 - 3.0 CE (note: you must attend both parts to receive credit) 1:30 – 4:30 PM Level of Instruction: Intermediate Ruben X. Bonilla-Guerrero, MD, FACMG, FACP, CGMS Part I) Lysosomal Storage Disorders: The Mucopolysaccharidosis Part II) Inborn Errors of Metabolism: A Review of Fatty Acid Oxidation Disorders Self-Sponsored by Dr. Bonilla-Guerrero	165-401 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Intermediate Margie A. Morgan, PhD Hot Topics in Microbiology! Zika, C. difficile and Antimicrobial Stewardship	165-402 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Intermediate Alex Sterling, BS What Made Sally Sick? The Use of Multiplex PCR Panels as First Line Tests for Detection of Respiratory and Intestinal Pathogens Sponsored by BioFire Diagnostics, LLC	165-403 - 3.0 CE (note: you must attend both parts to receive credit) 1:30 – 4:30 PM Level of Instruction (both parts): Intermediate Charif El Masri, MT(ASCP)SBB Part I: Rescue of Alpha Thalassemia Fetus and In-Utero Treatments Part II: Neonatal Transfusion Practices
Sunday, September 18			
165-500 - 3.0 CE 8:30 – 11:30 AM Level of Instruction: Intermediate Hollie M. Mason, MD Massive Transfusion, Trauma and Obstetric	165-501 - 3.0 CE (note: you must attend both parts to receive credit) 8:30 – 11:30 AM Level of Instruction: (I) Basic (II) Intermediate Matthew C. Hiemenz, MD, MS Jianling (Jenny) Ji, MD, MS, FACMG Part I) Next-Generation Sequencing Approaches in Cancer Part II) Molecular Diagnosis of Genetic Diseases: From Single Gene, Gene Panel to Exome	165-502 - 3.0 CE 8:30 – 11:30 AM Level of Instruction: Intermediate Larry J. Smith, PhD, SH(ASCP), HCLD(CC/ABB) Laboratory Diagnosis of von Willebrand Disease Sponsored by Abbott Diagnostics Division	165-503 - 3.0 CE (note: you must attend both parts to receive credit) 1:30 – 4:30 PM Level of Instruction: Intermediate Steven Marionneau, MS, MT(ASCP) Laboratory Diagnosis and Monitoring: Myeloma Sponsored by Abbott Hematology
165-600 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Basic Christine Hinz, MS, ML(SASCP) SM Hematology Essentials: A Foundation for Accurate Smear Reviews Sponsored by Sysmex America, Inc.	165-601 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Intermediate to Advanced Oksana Void, MD, FCAP Role of Whole Blood Platelet Lumiaagregometry in Clinical Practice	165-602 - 3.0 CE 1:30 – 4:30 PM Level of Instruction: Intermediate Steven Marionneau, MS, MT(ASCP) Laboratory Diagnosis and Monitoring: Myeloma Sponsored by Abbott Hematology	

CAMLT 2016 ANNUAL MEETING REGISTRATION FORM

September 16-18, 2016

Print Clearly. One registrant per form only (copies are acceptable).
Incomplete forms will be returned unprocessed.

Name: _____

Home Address: _____

City: _____ State: _____ Zip: _____

Exclude my name from attendee list for exhibitors

Day Tel: _____

Preferred Email: _____

() CAMLT Member #: _____

CLS License #: _____ Renewal Date: _____

Employer: _____

Work Address: _____

City: _____ State: _____ Zip: _____

Work Tel: _____

() Check here to register as a Clinical Science student*

Ed Coordinator/Instructor _____

School/Program _____

Phone _____ Email _____

*Name/Email/Phone # of Educ. Coordinator/Instructor required here for student rate!

A. CAMLT MEMBERSHIP (optional): Total A \$ _____

Membership Type _____ Add 20/20 Option ()

See website for Membership Category explanation

B. GENERAL REGISTRATION FEE: Total B \$ _____

(Required of ALL Registrants)

"Early Bird" registration fee: (Only if postmarked by 8/18)	Pre-Registration fee: (If postmarked after 8/18)
() Member: \$30	() Member: \$40
() Non-member: \$40	() Non-member: \$60
() Student: Free (does not include CEUs)	() Student: Free (does not include CEUs)

C. WORKSHOPS: Total C \$ _____

See program for details and code numbers, then indicate workshop choice(s) by entering code numbers below (e.g., 165-100):

	AM	PM
Fri., 9/16		
Sat., 9/17		
Sun., 9/18		

Member: \$45 if attending only one workshop
\$40 for each workshop if attending more than one
of workshops _____ X _____ = \$ _____

Non-Member: \$60 if attending only one workshop
\$55 for each workshop if attending more than one
of workshops _____ X _____ = \$ _____

Student: Just \$5 per workshop! – CEU not applicable

D. 20/20 DISCOUNT: Total D (\$ _____)

If you are a member enrolled for this optional benefit, calculate your discount here and include it in the Grand Total below.

Registration (Section B): \$ _____

Workshop (Section C): \$ _____

Total B + C: \$ _____ x 0.20 = \$ _____

E. SOCIAL EVENTS: Total E \$ _____

Fun Night (Friday, 9/16)

_____ tickets @ \$55 ea. = _____

Installation Banquet (Saturday, 9/17)

_____ tickets @ \$60 ea. = _____

(Indicate your choice: [] Steak [] Salmon [] Vegetarian)

F. STUDENT FORUM: Friday, 9/16 - PM \$ free!

Student Forum is open to all registered attendees.

Check here to attend Student Forum ()

G. CAMLT LAB-PAC EVENTS Total G \$ _____

Lab-PAC events are tracked separately but included in the Grand Total below:

Run/Walk/Stroll (Sat., 9/17) _____ @ \$25 ea. = \$ _____

Lab-PAC Luncheon (Sat., 9/17) _____ @ \$45 ea. = \$ _____

GRAND TOTAL (A+B+C-D+E+G) \$ _____

METHOD OF PAYMENT:

() Check Payable to: **CAMLT 2016 Annual Meeting**
(Returned checks subject to a \$20 fee)

() VISA or () MasterCard (indicate card type)

Card #: _____ Exp. Date: _____

3-digit security code: _____

Signature: _____

Mail to: CAMLT 2016 ANNUAL MEETING

39656 Mission Blvd., Fremont, CA 94539

Questions? Call us at 510-792-4441

If paying by MasterCard or VISA, form may be faxed to 510-792-3045
or scanned/mailed to: office@camlt.org

FOR OFFICE USE ONLY:

Date: _____ Co. Ck# _____ Pers. Ck# _____

Amount: _____ O/P: _____ U/P: _____

VISA/MC Credit Authorization: _____

Pre-registration deadline: Thursday, September 8, 2016 at Noon
(Registrations received after the above date/time will not be processed.
Please register on-site.)

Questions: www.camlt.org/2016-convention-information

National Medical Laboratory Professionals Week

CAMLT members showed great spirit and professionalism this year by visiting hospital clinical laboratories during “Lab-Week”. We came with boxes full of sweets, snacks, and glowing orange pens saying “CAMLT Keeping Quality in the Lab for Over 75 years”. The displays included flyers thanking the CLSs and MLTs and letting them know that CAMLT is your professional organization that represents you and protects your license.

Spirits were high and the goodies were appreciated. This was just the first of many steps we will be taking this year to increase our profile and recognizability in the clinical laboratory community and in the communities where we live.



Lab Week celebrations at (L-R) Providence St. Joseph, John Muir, VA Fresno

New CAMLT Website Launch – Online Convention Registration and Payment

The CAMLT Team is excited and proud to announce that they will be launching a new CAMLT website August 1st, 2016!

Long in the planning, the new CAMLT website will be easier and faster to navigate, provide online member payment and will provide a new modern professional graphic look.

Specifically, the mobile friendly website will provide the following:

- Easy navigation
- Allow for quicker drill down to the content members are seeking
- Automated new membership activation and billing
- Automated membership renewal and billing
- Automated CEU selection and payment
- Link to Facebook
- Link to the new CAMLT LinkedIn website

The August 1st launch will give members the option to register and pay online for the 77th CAMLT Convention to be held September 16-18. Until August 1st, registration will only be available by scan/email, fax or mail as in prior years.

An August 1st launch will also allow for the convention early registration discount in effect until August 18th, 2016.

Note that Pasadena Hilton Hotel registration should be made directly with the hotel. See Hotel Information, Page 7 for reservation procedures and cut-off date. Don't delay; make your hotel reservation TODAY!

ATTENTION: LAB ASSISTANTS/PHLEBOTOMISTS

This year CAMLT has an exciting session aimed at everyone interested in Preanalytical Processes of Laboratory Medicine. Earn 3.0 CEU toward you required 6.0 CEU for State certification renewal!!



California Association for Medical Laboratory Technology Membership Application

Personal Information:

Name _____

Check one: () Ms. | () Mrs. | () Mr. | () Dr.

Address _____

City _____ State ____ Zip _____

LFS License/Certificate # _____

Day Phone _____

Preferred Email address:

Check here to opt out of email list

Employment Information:

Employer _____

Address _____

City _____ State ____ Zip _____

Work Phone _____

CAMLT asks you to contribute to one or both of these worthwhile entities:

LAB-PAC

The CAMLT Political Action Committee helps your association advocate on behalf of you and your profession. Help support quality clinical laboratory medicine in the California legislative arena.

LAB-PAC contributions are NOT tax deductible.

You must be a U.S. citizen to donate.

Education and Research Foundation

Your tax deductible contribution supports scholarship programs, outreach efforts and students pursuing careers in the clinical laboratory sciences.

Separate checks should be enclosed for each of these worthy causes.

Applicants are considered for membership in the category which meets their maximum qualifications.

I declare that in making application for membership, I have met the qualifications listed for the category to which I am applying.

Applicant Signature _____

Recruiter (if known) _____

CAMLT's new address as of July 10, 2015:

39656 Mission Blvd., Fremont, CA 94539

Scan/email to: office@camlt.org

Fax to: 510-792-3045 Voice Phone: 510-792-4441

Membership Categories:

Active - \$120 annually

An individual who 1) Holds a license or certification in a clinical laboratory profession issued by the California Department of Public Health or 2) Holds a baccalaureate degree from an accredited college or university and is eligible to sit for a CDPH approved examination; or 3) Holds a Masters or Doctorate degree in science, education or administration and is actively employed in clinical laboratory science.

Collaborative – \$65 annually

An optional special non-voting, non-office holding membership category open to licensed Medical Laboratory Technicians or Certified Phlebotomy Technicians, who desire to support the association. All other membership benefits are afforded. These members are also eligible to apply for active membership if they desire to vote and/or hold office in the association.

Associate - \$75 annually

An individual who has an interest in the field of clinical laboratory science and/or supporting the purposes or goals of CAMLT, but is not otherwise eligible for membership.

Student - \$10 annually

An individual who possesses a valid training license from Laboratory Field Services or who is enrolled in an LFS approved program leading to licensing as a CLS, or MLT or certification as a CPT. Students at accredited universities or colleges that lead to eligibility for licensure or certification from LFS are also eligible to join as student members.

Lifetime - \$1250 one time fee

Meets Active member requirements and submits the one time application fee.

20/20 Option - Additional \$20 annually

An additional \$20 payment at the time of application or renewal entitles the member a 20% discount on CAMLT state sponsored C.E. fees for the year (not applicable to Distance Learning).

Membership Dues _____

20/20 Option _____

Total payable to CAMLT _____

LAB-PAC Contribution (separate check) _____

E & R Foundation Donation (separate check) _____

AUTOMATIC RENEWAL AVAILABLE! You now have a convenient new option to pay your CAMLT membership dues!

Automatic renewal: Credit card listed will be charged on the renewal date each year for the same member category. Notice of renewal will be sent fifteen (15) days before the charge is entered to allow for changes in member category or updates to credit card information.

Sign here to enroll for the automatic renewal option: _____ Date: _____

Checks to: CAMLT, LAB-PAC and/or E & R as appropriate – OR -

Credit Card Payment: Visa Master Card

Card# _____ Exp. _____

Three-digit security code (on back of credit card): _____

Date _____ Signature _____



POWER THROUGH PROFESSIONALISM!

Invitation to attend CAMLT's 77th Annual Meeting and Exhibits
September 16-18, 2016.

WANT MORE INFORMATION? CONTACT:

TEL: 510/792-4441

FAX: 510/792-3045

WEBSITE: WWW.CAMLT.ORG

CAMLT EXECUTIVE OFFICE
39656 MISSION BLVD.
FREMONT, CA 94539-3000