Convention Program and Registration Information Inside
Register Online at www.camlt.org
Book EARLY and SAVE$$$
Great Workshops – Abstracts Start on Page 10
House of Delegates, Exhibits and Recruiters, Lab-PAC Luncheon, Fun-Nite, Student Forum, Member Forum, Installation Banquet, and more...
At the Delta Hotel by Marriott, Anaheim Garden Grove, CA

Unable to attend but 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/distance-learning

Take a Look at CAMLT’s Membership Promotions and Incentives Program on page 18
FIND YOUR REASON!

CAMLT is facing hard times. This is not news to you if you read our newsletter regularly. Like every other volunteer organization, we constantly struggle to find new volunteers to commit time (even as little as 1 hour per month) to serve CAMLT. If you have never stepped up, now is the time. This year we have added lots of extra value to your membership including free CEU’s and big discounts on products we all use such as travel, food, and computers.

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.

Please consider volunteering at your chapter or at the state level. Helping others is a very powerful and warm feeling. It will be one of the best experiences you can give yourself.

Why should you volunteer for CAMLT?
1. Helping others is a mood elevator!
2. You will have opportunities for free CEU’s.
3. There are many opportunities for networking – find your new boss or employee.
4. You will have lots of opportunities for leadership development.
5. You can compare your laboratory’s methods to those from other laboratories. (Learn how others do your kind of work.)
6. In addition to all of the above, there is lots of social fun and travel!

THERE IS A REASON FOR EVERYTHING – FIND YOUR REASON TO STEP UP! Accept a nomination to help lead your chapter or, accept a nomination for a position on the state Board of Directors.

Ilene Dickman, President
REQUEST FOR NOMINATIONS FOR 2018-2019 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:

CAMLT Executive Office
39656 Mission Blvd.
Fremont, CA 94539
office@camlt.org

The following positions are open:

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

NOMINEES FOR CLS OF THE YEAR AWARD WANTED!

Now is the time to submit nominations for the prestigious CLS of the Year Award. Contact the CAMLT Office, office@camlt.org, for details on qualifications and deadlines for submission.

ANNOUNCING CAMLT EDUCATION AND RESEARCH FOUNDATION’S WINNERS – 2018

Winners of free continuing education scholarships (6.0 hours CE) are chosen from among attendees at CAMLT seminars and the convention. Congratulations!

Spring Seminar South:
#1: Alice Roque
#2: Kenneth Miyake

Spring Seminar North:
#1: Mona Shepard
#2: John H. Burke
CAMLT – WHERE THE MAGIC HAPPENS
2018 CONVENTION EVENTS

SEMINARS – Friday, Saturday, Sunday
Choose from 12 seminars (36 units!) on a wide variety of topics. Earn up to 18 hours of CE credit over the three days. 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 – Friday, Saturday
Exhibits open Friday afternoon. The exhibit displays 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 at midday on Saturday.

STUDENT FORUM – Friday
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. Becky Rosser, Education and Development Consultant from SCPMG Regional Reference Laboratories, will chair this event. All convention attendees are welcome to come enjoy the presentations and witness first-hand the future excellence of California laboratories. Prizes will be awarded by the judges and CAMLT Education and Research Foundation.
Students may attend a workshop in the morning before the Forum, then visit the Exhibits, and finish the day relaxing and socializing at the Fun-Nite.

FUN-NITE – Friday
Prepare for an evening of magic and activities. Enjoy a tasty spread and drinks thanks to our Fun-Nite sponsor Fusion Medical Staffing. Meet old friends and new, network to your heart’s content and have tons of FUN!

LAB-PAC WALK/RUN/STROLL – Saturday
Join us early Saturday morning with a brisk walk, run, or stroll on pathways near the hotel. Clear your head for a day of workshops or the House of Delegates. The Walk/Run raises funds for CAMLT’s LAB-PAC.

LAB-PAC LUNCHEON – Saturday
The annual LAB-PAC Luncheon on Saturday provides an opportunity for our members and guests to meet a local legislator and our Legislative Advocate, Russ Noack. We will be updated 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 – Saturday
The flourish at the end of the 2018 Convention will be Saturday evening’s Installation Banquet. It 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 enjoy good food and friends.

Enter your newsletter for the annual Newsletter Award!
Send copies of your newsletter for judging to:
CAMLT Executive Office
39656 Mission Blvd.
Fremont, CA  94539
office@camlt.org

July, 2018
2018 CONVENTION EVENTS SCHEDULE

Thursday, September 27
CAMLT Board of Directors Meeting: 10:00 AM – 5:00 PM

Friday, September 28
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 – 4:30 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 29
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 30
Continuing Education Seminars: 8:30 – 11:30 AM & 1:30 – 4:30 PM
CAMLT Board of Directors Meeting: 8:30 AM – 11:30 AM

2018 CONVENTION COMMITTEE
Linda Burton
Adam Caughey
Joyce Estes (LAB-PAC)
Dora W. Goto
Debbie Revier
Becky Rosser
Jan Vogel
Roy Vogel

2017-2018 BOARD OF DIRECTORS
President ....................... Ilene E. Dickman
President-Elect ....................... Open
Past-President .................. Dora W. Goto
Secretary ........................ Marc Bernaldez
Treasurer ......................... Josilyn Schrage
District I Consultant ........... Open
District II Consultant ...... Danuta T. Bowler
District III Consultant ........ Mark Briones
District IV Consultant .. Ching-Yi (Joyce) Ma
District V Consultant ....... Adam Caughey
GENERAL INFORMATION

“CAMLT – Where the Magic Happens”, the 79th Annual Meeting and Exhibits for the California Association for Medical Laboratory Technology, will be held at the Delta Hotel Anaheim Garden Grove from Friday, September 28 through Sunday, September 30, 2018. 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 or register online. Early-bird registration must be postmarked by 8/20/2018. 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: Rates reflected are per car, per day/night
Overnight valet parking: $16
Day valet parking: $13
Self parking: Complimentary

AIRPORT TRANSPORTATION: The closest airport is John Wayne Airport-Orange County (SNA).

PUBLIC TRANSPORTATION:
• OCTA Bus: The Orange County Transit Authority (OCTA) operates the bus system in the Anaheim/Orange County area. There are approximately 77 bus routes and 6,200 bus stops countywide including local community and express routes and service to local Metrolink stations. For detailed schedule information, please refer to the OCTA Bus Service Page.
• Metrolink: Metrolink is Southern California’s rail system and provides meeting and convention attendees easy access to major activity centers. OCTA operates the Orange County portion of the Metrolink and has 11 stations offering 42 round trips every weekday on three lines. For more information on Metrolink, please refer to the OCTA Metrolink Service Page.

HOTEL DRIVING DIRECTIONS:
• From John Wayne Airport-Orange County (SNA) (approximately 15 miles): From Airport, take 55N to I5N. Exit Chapman Avenue. Turn left on Chapman Avenue to Harbor Boulevard. Turn left on Harbor Boulevard to Resort Way. Turn right on Resort Way. Airport shuttle not provided. Alternate transportation: Karmel Shuttle; reservation required
• From Long Beach Airport (LGB) (approximately 17 miles): From Airport, take I405S to 22E. Exit Harbor Boulevard North. Proceed on Harbor Boulevard to Resort Way. Turn left on Resort Way. This hotel does not provide shuttle service. Alternate transportation: Karmel Shuttle; reservation required.
• Los Angeles International Airport (LAX) (approximately 37 miles): From Airport, take I405S to 22E. Exit Harbor Boulevard North. Proceed on Harbor Boulevard to Resort Way. Turn left on Resort Way. This hotel does not provide shuttle service. Alternate transportation: Karmel Shuttle; reservation required.

LOCAL ATTRACTIONS: Disneyland / Disney’s California Adventure / Anaheim Convention Center / Angels Stadium of Anaheim / Honda Center / The Outlets at Orange / Knott’s Berry Farm

CAMLT REFUND POLICY
• Complete refund issued for programs cancelled by CAMLT.
• Complete refund for programs canceled by participant must be requested in writing by 8/31/2018 and are subject to a $25 cancellation fee.
• Full credit (less a $25 cancellation fee) toward a future state seminar or convention will apply to requests for cancellation after 8/31/2018 and prior to 9/18/2018.
• Refunds/credits not applicable to cancellation requests after 9/18/2018.

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 2018 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.
HOTEL/TRAVEL INFORMATION

You will be staying at the …

Delta Hotel by Marriott Anaheim Garden Grove
12021 Harbor Boulevard
Garden Grove, CA 92840
1.714.867.5555
https://www.marriott.com/hotels/travel/snade-delta-hotels-anaheim-garden-grove/

Delta Hotel’s green-certified, eco-friendly hotel is located in an Orange County oasis, nestled between the scenic cities of Anaheim and Garden Grove, just five minutes away from legendary attractions like Disney California Adventure Park® and Downtown Disney®. Discover bright, modern California-style décor and a wealth of amenities that will enrich your stay. Savor some sunshine at our heated outdoor pool and Jacuzzi and stay committed to your workout in our 24/7 fitness center. Four onsite eateries plus room service offer a variety of culinary options. Spacious guest rooms and suites are thoughtfully appointed with signature touches such as plush linens and free WiFi. Delta Hotel is committed to providing its guests and associates with a smoke-free environment. Pet Policy: Pets are not allowed.

Note concerning housing: CAMLT has made every effort to secure the best possible group nightly 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 the Delta Hotel by Marriott Anaheim Garden Grove through the reservation process below. Reserving elsewhere means you are booking outside the contracted room block, 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 guest rooms at a rate of $129.00 USD per night for King, Double/Double, Queen. Start date: 9/26/18; End date: 10/1/18; Last day to book: 8/20/18. Room rates are quoted subject to 14.50% occupancy tax, 2.50% city tax, and 0.195% CA Tourism Assessment Tax or applicable taxes at the time of arrival. Don’t wait until the last minute to reserve your room. 1) Reservations may be made by calling the hotel’s Direct Line/Reservation Center at 1.888.236.2427. Please mention the group name (CAMLT 2018 Annual) and the Arrival date 9-26-18, as well as the property (Delta Anaheim Garden Grove). 2) Reservations may be made on-line via the Internet using the Personalized Group Web Page: Book your group rate for CAMLT 2018 Annual-Call. https://www.marriott.com/meeting-event-hotels/group-corporate-travel/groupCorp.mi?resLinkData=CAMLT%202018%20Annual-%20Call%Esnade%60CAMCAMA%7CCAMCAMC%60129%60USD%60false%604%609/26/18%6010/1/18%608/20/18&app=resvlink&stop_mobi=yes

Note: Reservations must be made on or before the cut-off date. If reserving by phone, guests will need to provide the guest name, home or business address, email address, requested type of room, requested bed type, check-in and check-out dates, and VIP status. Any requests for special room arrangements must be made at the time of this reservation call.

Hospitality Service Fee: $13.00 per room, per night which includes: local telephone calls, self-parking, in-room and all public areas high speed internet access, business center, pool and fitness center access, and shuttle service to and from Disneyland. Hospitality Service Fee is subject to 14.50% occupancy tax, or applicable taxes at the time of arrival.

Cut-Off Date: The “cut-off-date” for accepting reservations into CAMLT’s room block is Monday, August 20, 2018. Reservation requests received after the cut-off date will be accepted on a space available basis, at the rate higher of the group rate or rate available at that time.

Guest Room Charges – Individual Expense: Individual guests will pay their own account upon departure. When reservations are made, a deposit equal to the room rate and tax for the first night for each reservation or valid credit card to guarantee the reservation. An individual’s deposit is refundable to that individual if the Hotel receives notice of an individual’s cancellation at least twenty-four (24) hours prior to 6:00 pm on day of scheduled arrival. Upon check-in, each guest will be required to present a valid credit card, on which an amount of sufficient pre-authorization can be obtained to cover the room and tax charges and hotel fees for the length of the guest’s stay.

Check-In/Out Time: Check-in time is 4:00 pm on arrival day and reserved until 11:00 AM on departure day. Any attendee wishing special consideration for late checkout should inquire at the front desk on the day of departure. Should the Hotel allow for late check-out, it may impose a half-day rate.

Hotel Guest Room Amenities and Hotel Facilities: Please visit the Delta Hotel by Marriott Anaheim Garden Grove’s website for details.
Exhibitors

Abbott Diagnostics
CDPH / LFS
Cooper Surgical
Fusion Medical Staffing
Greiner Bio-One
Instrumentation Laboratory
Inova Diagnostics
Mesh Candy
Randox Laboratories
Quest Diagnostics
Sebia
Sysmex America
Sponsor List

ARUP - Speaker
Thomas Barrow Consultant - Speaker
Binding Site - Speaker
Bio-Rad - Speaker
Diagnostica Stago - Speaker
Fusion Medical Staffing - Fun Nite Sponsor
Greiner Bio-One - Coffee Break
Inova Diagnostics - Speaker
Instrumentation Laboratory - Speaker
Quest Diagnostics - Diamond Sponsor
Siemens Healthineers - Speaker
Sysmex America - Speaker
Part I: Direct Oral Anticoagulants: Screening and Measurement Overview: Manifestations, Diagnosis and Therapy

Part II: Pre-Analytical Variables in the Coagulation Lab: Why does it matter?

185-100 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction: Intermediate

Katherine (Katy) Whelchel, MT(ASCP)SH
Technical Sales Representative
Diagnostica Stago, Inc.
Parsippany, NJ
Sponsored by Diagnostica Stago, Inc.

Abstract (Part I): Direct Oral Anticoagulants (DOACs) are becoming more prevalent in our patient population. This presentation will discuss how they work, how they can be measured, and how they affect the Coagulation laboratory.

Abstract (Part II): Coagulation testing is particularly vulnerable to pre-analytical variables. This session will help identify best practices to minimize the variables that affect patient results.

Understanding Diabetes: Techniques and Biomarkers for Effective Diagnosis and Monitoring

185-101 – 3.0 CE – Level of Instruction: Basic

Jason A. Dallwig, BA
R&D Manager
Bio-Rad Laboratories, Inc.
Hercules, CA
Sponsored by Bio-Rad Laboratories, Inc.

Abstract: Diabetes mellitus is a disease in which the body’s ability to produce or respond to the hormone insulin is impaired, resulting in abnormal metabolism of carbohydrates and elevated levels of glucose in the blood and urine. People with diabetes are at increased risk of serious health complications including cardiovascular disease, stroke, and vision loss, among many others. A recent Statista® study revealed that as of 2017, 8.8% of the world’s adult population had diabetes, with this number estimated to grow to 9.9% in the next 30 years. Despite the serious nature of the disease, diabetes management is possible through physical activity, diet, and appropriate use of insulin and oral medications to lower blood sugar levels. Therefore, early detection and effective monitoring of diabetes are paramount to successfully managing patient health. Many diverse systems and methods are currently used in the study of diabetes, each with their own positive features and drawbacks. Glycosylated hemoglobin (HbA1c) is of particular interest as an effective biological marker for diabetes diagnosis and monitoring given its physiological stability, resistance to fluctuations due to short-term stress or illness, and lack of necessity for patient fasting before testing. Moreover, High-Performance Liquid Chromatography (HPLC) is a particularly effective tool for the study of HbA1c, as it delivers additional data that helps elucidate hematological complications associated with diabetes.
Which of the Two Make the Best Soul Mate: An Infectious or Autoimmune, Antibody or Antigen?

185-200 – 3.0 CE – Level of Instruction: Basic
Maria Crisostomo, BS, MBA
Senior Product Manager
Bio-Rad Laboratories, Inc.
Hercules, CA

Sponsored by Bio-Rad Laboratories, Inc.

Abstract: This session will take participants through a memory lane walk-through of diagnostic testing in the areas of HIV, syphilis and autoimmunity. As a basic overview, participants will be able to regain an understanding of the evolution of testing in these three areas, their respective testing algorithms and how the “perfect” pairing of antigen and antibody contributes to laboratory’s decision as to which tests are appropriate for their patient population and laboratory workflow.

Part I: The Clinical Value of Cardiac Biomarkers in the Management of Acute Coronary Syndrome and Heart Failure
Part II: Paradigm Shift in Allergy Medicine
Part III: An Overview of Anemia: Testing in Clinical and Laboratory Medicine

185-201 – 3.0 CE (note: you must attend all three parts to receive credit) – Level of Instruction: Intermediate
Monet N. Sayegh, MD
Physician Consultant
Siemens Healthineers Diagnostics, Inc.
Los Angeles, CA

Sponsored by Siemens Healthineers Diagnostics, Inc.

Abstract (Part I): Cardiac biomarkers are critical to the proper triage and treatment of patients presenting with heart failure (HF) or acute coronary syndrome (ACS). This seminar reviews the current clinical utility of BNP, NT-proBNP, cardiac troponin, CKMB, and myoglobin, including both diagnostic and prognostic applications. Emerging cardiac biomarkers are also discussed.

Abstract (Part II): The incidence of allergy and asthma is on the rise worldwide. There are about 55 million Americans who suffer from allergies. Approximately 300 people die from severe allergic reactions each year in the United States. Allergy is the sixth leading cause of chronic disease in the US and costs to the healthcare system total $18 million per year. Traditionally, allergy specialists had the primary responsibility to diagnose and manage allergy patients. However, with the advent of newer more sensitive in vitro allergy testing methods, primary care physicians can now confirm a diagnose and decide whether the patient can receive appropriate treatment or must be referred to a specialist.

Abstract (Part III): Anemia is a widespread public health problem associated with an increased risk of morbidity and mortality, especially in pregnant women and young children. Women in the childbearing years are particularly susceptible to iron-deficiency anemia because of the blood loss from menstruation and the increased blood supply demands during pregnancy. It is a disease with multiple causes, both nutritional (vitamin and mineral deficiencies) and non-nutritional (infection) that frequently co-occur. On the other hand, Vitamin B-12 deficiency is common in the elderly and identification of B12 deficiency needs to be accurate and it needs to happen early in the progression of deficiency. Currently, clinical signs and symptoms are vague and hematological and biochemical tests are misleading so accurate diagnosis is not easy.
WORKSHOP ABSTRACTS

Saturday Morning Courses
September 29, 2018
8:30 – 11:30 AM

Part I: Diagnosis and Follow-up of Multiple Myeloma and Related Disorders
Part II: Myeloma case studies with group participation
Part III: Primary Immunodeficiency Disease: Under Diagnosed at Any Age

185-300 – 3.0 CE (note: you must attend all three parts to receive credit) – Level of Instruction: Intermediate
Ann L. Sherwood, PhD
Director of Scientific Affairs
The Binding Site
San Diego, CA
Sponsored by The Binding Site

Abstract (Part I): Patients with multiple myeloma (MM) and related plasma cell disorders often present with a myriad of non-specific symptoms, making diagnosis challenging. Traditional screening methods are insensitive, missing a significant percentage of these patients. The laboratory can play a key role in helping the clinician obtain a more accurate diagnosis with appropriate follow-up by adopting updated MM screening protocols recommended by the International Myeloma Working Group (IMWG) and National Comprehensive Cancer Network (NCCN).

Abstract (Part II): Three or four hypothetical case studies will be presented followed by audience participation/discussion to arrive at a diagnosis based upon what was learned in the previous segment (Part I).

Abstract (Part III): 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 under diagnosed due to the level of severity of the immune dysfunction. Categories of PID, the various methods of testing involved, and economic impact of lack of diagnosis will be discussed.

Part I: Pre-analytical Challenges in Hemostasis Testing
Part II: Hemostasis 101 – A beginning journey
Part III: Heparin Induced Thrombocytopenia

185-301 – 3.0 CE (note: you must attend all three parts to receive credit) – Level of Instruction: Basic/Intermediate
Steven Schmiedel, CLS, MT(ASCP)
Application Consultant, Hemostasis
Instrumentation Laboratory (IL), Inc.
Bakersfield, CA
Sponsored by Instrumentation Laboratory (IL), Inc.

Abstract (Part I): How to appropriately collect, transport and process hemostasis samples to minimize pre-analytical variables will be detailed. We will cover how pre-analytical challenges impact Hemostasis assays, as well as identify suboptimal samples and criteria for accepting or rejecting samples. Guidelines, regulations, CLSI and ISO standards for proper collection, processing and storage of Hemostasis samples will be reviewed. We will end with a discussion on new technology available to automate and standardize the process of evaluating sample integrity and/or rejection.

Abstract (Part II): Understanding the basics of Hemostasis is crucial for all health care professionals and in the laboratory setting since any patient on blood thinning agents will need to be monitored via basic coagulation assays. In addition, we will discuss deficiencies or excesses in coagulation proteins which could lead to excessive clotting or bleeding.

Abstract (Part III): This presentation will cover the clinical aspects of Heparin Induced Thrombocytopenia (HIT), which is an adverse reaction to heparin that can be potentially life threatening. Being that it is one of the most common of all adverse drug events, the critical goal for the Clinician is to quickly identify patients with HIT and switch them from Heparin to an alternate anticoagulant.
WORKSHOP ABSTRACTS

Saturday Afternoon Courses
September 29, 2018
1:30 – 4:30 PM

Part I) Hematology Case Studies – Every Picture Tells a Story
Part II) The Investigation of Hemolysis in the Clinical Laboratory
Part III) Letting Go of the Rules of Three

185-400 – 3.0 CE (note: you must attend all three parts to receive credit) – Level of Instruction: Intermediate

Eric Yeager, MS, MLS(ASCP)CM - Field Product Specialist
Jason Anderson, MPH, MT(ASCP) - Field Product Specialist
Jill Crist, BS – Manager Field Product Support
Sysmex America, Inc.
Lincolnshire, IL
Sponsored by Sysmex America, Inc.

Abstract (Part I): This program will introduce participants to new advances in automated hematology cell counting. Case studies will illustrate new technologies designed to enhance detection of normal cells, as well as abnormal cells, in both whole blood and body fluid samples. We will also discuss how enhanced technologies can benefit the patient and clinician, as well as provide efficiency in your hematology workflow.

Abstract (Part II): This program will introduce and describe the phenomenon of hemolysis and how it is investigated in the clinical laboratory. We will highlight the intrinsic and extrinsic causes of hemolysis, discuss where hemolysis takes place in the body (intravascular vs. extravascular) and how the body physiologically reacts to hemolysis. Laboratory tests useful in the detection and characterization of both intravascular and extravascular hemolysis will be discussed and select case studies will be presented.

Abstract (Part III): This presentation will review the history of the Rules of Three and discuss why they were introduced into Hematology – and why they need to go away. The speaker will educate the audience as to how modern sheath flow-based hematology analyzers have made the Rules of Three obsolete and why the RBC Indices are much better indicators of problem samples. Learn what causes abnormal and improbable indices and what to do for resolution.

Part I) Complexities in Autoimmunity - dsDNA a case in point
Part II) New Tests in Autoimmunity
Part III) Vasculitis

185-401 – 3.0 CE (note: you must attend all three parts to receive credit) – Level of Instruction: Basic to Intermediate

Samuel Siporin, BS
IFA Technical Specialist
Inova Diagnostics, Inc.
San Diego, CA
Sponsored by Inova Diagnostics, Inc.

Abstract (Part I): This seminar discusses the use of double stranded DNA (dsDNA) testing in the diagnosis of Systemic Lupus Erythematosus. It also explains the variations between different assay methodologies and the role that affinity and avidity play and how they are correlated to disease state. How these different methods can produce different results despite the fact they are testing for the same immunological marker is discussed. Several algorithms are suggested to help produce the results with the highest sensitivity and specificity.

Abstract (Part II): This seminar discusses the new and advanced testing methodologies being employed for a wide range of autoimmune diseases. The use and presence of Anti-Dense Fine Speckled 70 (DFS70) is explained in reference to Anti-Nuclear Antibody (ANA) testing and what its clinical implications are. Additionally, the role of Phosphatidylserine/Prothrombin (PS/PT) antibody testing for patients at high risk for Anti-Phospholipid Syndrome that may otherwise not be characterized with current algorithms. The use of fecal calprotectin the difficult task of differentiating Irritable Bowel Disease (IBD) from Irritable Bowel Syndrome (IBS) is reviewed. Finally, the use of Anti-HMGCR (3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase) to diagnose patients with inflammatory myopathies that are associated with Statin drug use is discussed.

Abstract (Part III): This seminar discusses the basics of immunology (antibodies, antigens and testing techniques) and the use of antibody profiles to aid in the diagnosis of small vessel vasculitis syndromes. It presents the laboratory observations in patients with Granulomatosis with polyangiitis (Wegener’s), microscopic polyangiitis, Churg-Strauss syndrome, Polyarteritis nodosa and Ulcerative colitis and other small and medium vasculitic diseases. Included is a discussion of the various techniques used in identification of antibody patterns seen on IFA slides.
Startling Findings from Recent Inspections; How to Keep Your Lab Compliant

185-500 – 3.0 CE – Level of Instruction: Basic
Thomas Barrow, MS, CLS
Laboratory Compliance Specialist
Cypress, CA
Sponsored by Thomas Barrow

Abstract: The purpose of this presentation is to attendees with insight on how to maintain better laboratory compliance. Presenter is directly involved with approximately eight laboratory inspections per year, from CLIA, State, and COLA. Findings from recent laboratory inspections will be discussed. Actions in response to these findings will be explained and should help laboratories prepare for an inspection and respond to any deficiencies. In addition, updates from other laboratory consultants for inspections from other regulatory agencies will be considered.

Part I: Quality in Coagulation Laboratory: Trending standardization and EQA
Part II: APTT vs Anti-Xa for unfractionated heparin anticoagulation monitoring
Part III: Coagulation case studies

185-501 – 3.0 CE – (note: you must attend all three parts to receive credit) - Level of Instruction: Basic to Intermediate
Robert C. Gosselin, CLS
Consultant
UC Davis Health System; Hemophilia Treatment Center (Retired Volunteer)
Sacramento, CA
Sponsored by North American Specialized Coagulation Laboratory Association

Abstract (Part I): Clinical and Laboratory Standards Institute (CLSI) has been the longstanding provider of laboratory guidance documents. However, the rapidly evolving field and CLSI publishing restrictions have created a void that is being met by other organizations. We will discuss other avenues for obtaining laboratory guidance documents. College of American Pathologists (CAP) has been the primary provider for external quality assurance (EQA) material for labs in the US, but we will address the unmet needs which can be provided with alternative EQA programs.

Abstract (Part II): More laboratories are transitioning the monitoring of unfractionated heparin (UFH) treatment from the APTT to the more specific anti-Xa test. We will evaluate the published data and identify potential challenges to clinicians and laboratorians with this shift in clinical practice.

Abstract (Part III): Through real world case studies, we will interpret the results of screening and special coagulation tests to aid the clinician in providing a correct diagnosis.
WORKSHOP ABSTRACTS

Sunday Afternoon Courses
September 30, 2018
1:30 – 4:30 PM

Part I) Customer Service: What’s in it for Me?
Part II) Communicating When There is Potential for Conflict

185-600 – 3.0 CE (note: you must attend both parts to receive credit) – Level of Instruction: Basic
Chérie V. Petersen, BA
Distance Program Education Coordinator
ARUP Laboratories
Salt Lake City, UT
Sponsored by ARUP Laboratories

Abstract (Part I): This session speaks to the commitment each and every one of us needs to embrace to put customer service best practices into action. There is no doubt, and no shortage of statistical proof, that exceptional customer service is the differentiating factor in market growth, customer retention, and basic industry competitiveness. However, if employees don’t directly connect the benefits of service-oriented behavior to their job and personal satisfaction, little hope for progress exists. Participants will come to recognize the positive outcomes related to making a personal commitment to service excellence principles and will engage in activities specifically designed to create a paradigm shift—moving from executing activities mandated by management and simply fulfilling job responsibilities to regarding service excellence principles as a means of validating patients, physicians, colleagues, and, more importantly, themselves.

Abstract (Part II): How often have you wanted to discuss an issue with someone at work but avoided the conversation because you didn’t want to cause or engage in conflict? Or maybe you’ve brought up an issue that was seemingly insignificant, only to have it cause unintended conflict? There are a variety of possible outcomes given the above circumstances: You internalize your stress and frustration; you discuss your concerns with others rather than confronting the person, potentially creating gossip; you engage the person, and the conversation doesn’t go well, so you become discouraged or angry; your behavior toward the person becomes passive aggressive; or you completely withdraw. Fortunately, these negative outcomes can be avoided altogether if the situation is approached with thoughtful consideration and a positive strategy. This course outlines a three-part strategy that illustrates how to handle situations where the potential for conflict exists. Participants will have the opportunity to apply the strategy and learn for themselves how to facilitate more satisfying outcomes when dealing with the potential for conflict.

Title: Program planning in progress. Please check CAMLT website for updated information

185-601 – 3.0 CE – Level of Instruction: TBA
Speaker, TBA
Speaker Title: TBA
Affiliation: TBA
City, STATE
Sponsored by: TBA

Abstract: TBA
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 AM</td>
<td>Part I: Pre-Hemostasis 101</td>
<td>Understanding Differences Between Platelets and Platelet-Like Particles in Clinical Laboratory Medicine</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Part II: Pre-Hemostasis 101</td>
<td>Hemostasis in the Clinical Laboratory - DSMXa case in point</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Part III: Heparin Induced Thrombocytopenia</td>
<td>Monitoring and Management of Anticoagulation-induced Thrombocytopenia</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Part I: Direct Oral Anticoagulants: Screening and Measurement Assays</td>
<td>A New Paradigm for Anticoagulation Monitoring and Management</td>
</tr>
<tr>
<td></td>
<td>Part II: Complexities in Autoimmunity</td>
<td>Understanding the Clinical Laboratory Diagnosis and Management of Autoimmune Disorders</td>
</tr>
<tr>
<td></td>
<td>Part III: Vasculitis</td>
<td>Diagnosis of Vasculitis in the Clinical Laboratory</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Part I: New Tests in Autoimmunity</td>
<td>New Diagnostic Tests for Autoimmune Disorders in the Clinical Laboratory</td>
</tr>
<tr>
<td>1:45 PM</td>
<td>Part II: Dynamic Equations for Autoimmune Pathology</td>
<td>The Quantitative and Qualitative Evaluation of Autoimmune Disorders</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Part III: An Overview of Anemia</td>
<td>Testing in Clinical and Laboratory Medicine</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Part I: The Intersection of Hemostasis 101 and Autoimmunity</td>
<td>Integration of Hemostasis and Autoimmunity in Clinical Pathology</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Part II: Quality in Coagulation Laboratory: Trending Coagulation Case Studies</td>
<td>Identifying Trends and Patterns in Coagulation Case Studies</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Part III: The Clinical Value of Cardiac Biomarkers</td>
<td>The Use of Cardiac Biomarkers in the Management of Acute Coronary Syndrome and Myocardial Infarction</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>Part I: Student Forum</td>
<td>Panel Discussion on Student Perspectives and Experiences in the Laboratory</td>
</tr>
<tr>
<td>6:15 PM</td>
<td>Part II: Hemostasis 101: a 20-year Journey</td>
<td>Assessing Past, Present, and Future Directions in Hemostasis</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>Part III: Understanding Differences Between Leukocytes</td>
<td>Comparing and Contrasting Leukocyte Populations in the Clinical Laboratory</td>
</tr>
</tbody>
</table>

*Note: You must attend all parts to receive credit.*
CAMLT 2018 ANNUAL MEETING
REGISTRATION FORM
September 28-30, 2018

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 #: _____________________________________
CDPH License or Certificate #: ____________________________
Employer: _____________________________________________
Work Address: _________________________________________
City: ______________________ State: ______ Zip: __________
Work Tel: _____________________________________________

( ) Check here to register as a Clinical Science student*
Ed Coordinator/Instructor ____________________________________________
School/Program ____________________________________________
Phone_________________Email ____________________________

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

C. WORKSHOPS: Total C $ ______
See program for details and code numbers, then indicate workshop choice(s) by entering code numbers below (e.g., 185-100):

<table>
<thead>
<tr>
<th>AM</th>
<th>PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri., 9/28</td>
<td></td>
</tr>
<tr>
<td>Sat., 9/29</td>
<td></td>
</tr>
<tr>
<td>Sun., 9/30</td>
<td></td>
</tr>
</tbody>
</table>

Member: $45 if attending only one workshop
$40 for each workshop if attending more than one
# of workshops _____ X ____ = $ ______
Non-Member: $75 if attending only one workshop
$65 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 Nite (Friday, 9/28) $ free!
Installation Banquet (Saturday, 9/29)

F. STUDENT FORUM: Friday, 9/28 - 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., 9/29) _____ @ $25 ea. = $______
LAB-PAC Luncheon (Sat., 9/29) _____ @ $45 ea. = $______

GRAND TOTAL (A+B+C–D+E+G) $ __________

METHOD OF PAYMENT:
( ) Check Payable to: CAMLT 2018 Annual Meeting
( ) VISA or ( ) MasterCard (indicate card type)
Card #: _________________________________ Exp. Date: _______
3-digit security code: _______
Signature: _________________________________

Mail to: CAMLT 2018 ANNUAL MEETING
39656 Mission Blvd., Fremont, CA 94539
Questions? Call us at 510-792-4441 or email at office@camlt.org
If paying by MasterCard or VISA, form may be faxed to 510-792-3045
or scanned/emailed 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: Tuesday, September 18, 2018 at Noon
(Registrations received after the above date/time will not be processed.
Please register on-site.)

Online registration and PayPal payment available at www.camlt.org
MEMBERSHIP Promotions and Incentives

New Member Promotions*
1. All New Members: one 3-unit CE seminar discount certificate.
2. Dual Membership Promotional Incentive: 25% refund off first year membership dues and $15 discount certificate toward CE offered to members of professional clinical laboratory organizations (other than CAMLT) who have never been a member of CAMLT

Renewing Professional Member Promotion*
1. One 3-unit CE seminar discount certificate.
* not available with discounted memberships

Incentives
1. Recruiter for each new member: $15 discount certificate toward CE
2. Recruiter for 4 new members within 6 months: one year membership dues paid
3. Conversion from student to professional membership: One 3-unit CE seminar and $25 discount certificate toward CE
4. Professional Discounts (Special Offer for Renewing Members):
   a. 6 Distance Learning CEUs for $60 instead of $72
   b. 9 Distance Learning CEUs for $85 instead of $108
   c. 12 Distance Learning CEUs for $110 instead of $144
5. $10 per CEU seminar discount
6. $10 per CEU distance learning discount
7. Monitor CE programs and get rewarded with a free workshop
8. 20/20 Option: An additional $20 payment at the time of application or renewal entitles the member a 20% discount on CAMLT state sponsored CE fees for the year (not applicable to Distance Learning)
9. Convention registration fee discount: amount varies by committee
10. Access to “Members Only” webpages, officers listing, Affinity benefits and publications

How to Get Your Promotion and Incentive
1. When joining Online, indicate which promotion or incentive you are applying for in the Notes and Comments section.
   If you are applying for the Dual Membership, please include the name of the Association you are a member of and your membership number.
   Once this is verified, your discount will be applied, via PayPal, as a refund.
2. When joining via mail, print off pdf and indicate which promotion or incentive you are applying for in the Notes and Comments section. If you are applying for the Dual Membership discount, please include the name of the Association you are a member of and your membership number.
   If you are paying by Credit Card, your card will be charged the discounted amount, once your membership is verified. If paying by check, your discounted amount will be refunded by return check once your membership is verified.
   You can send your application via mail, fax or scan and email it in.
   http://camlt.org/membership/registration

We’ve got your back!

www.camlt.org
Membership Application

Membership Categories:
[ ] Professional - $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.

[ ] 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 Professional 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)

Notes, Comments, Promo Codes

CAMLT’s Address
39556 Mission Blvd., Fremont, CA 94539
Scan/email to: office@camlt.org
Fax to: 510-792-3045 Voice Phone: 510-792-4441

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 __________________
We are pleased to invite you to attend CAMLT’s 79th Annual Meetings and Exhibits at the Delta Hotel by Marriott Anaheim Garden Grove on September 28, 29 and 30th. The hotel is located near Disneyland and is close to many restaurants, shops and entertainment venues including downtown Disney.

Hosted by Districts IV and V, the volunteers have put in many hours planning this event for your enjoyment.

• Three full days of educational sessions have plenty of interest for the generalist or specialist. (With the lowest rates in the industry, CAMLT’s Annual Meetings and Exhibits offers the best return on your investment.)
• The Student Forum offers a special day for students to participate and learn.
• Enjoy the entertainment at Fun-Nite on Friday.
• Start out Saturday morning by walking (or running) around the Magic Kingdom while simultaneously making a donation to LAB-PAC at the LAB-PAC Run/Walk.
• Come to the LAB-PAC Luncheon Saturday and hear a local legislator speak.
• The Exhibits feature manufacturers, developers and recruiters. Come and see the latest laboratory technology and job opportunities
• The House of Delegates contains representatives from every chapter around the state. Come and become part of the decision making process or just see how it works.
• The Installation and Awards Banquet will provide an opportunity to connect with old friends and make some new ones.

In order to continue the many benefits CAMLT offers, we have set a goal this year to double our membership, so come to the convention and bring a friend or two!!