

2011 Sharp HealthCare Laboratory Science Symposium

Wednesday, September 7, 2011

Friday, September 30, 2011

Sharp Spectrum Building, Auditorium
8695 Spectrum Center Blvd, San Diego, CA 92123

Registration Information

Participants are invited to attend the entire program or selected topics of interest. This symposium is provided for an \$85 registration fee per day or \$150 for both days. The fee per day is the same regardless of how many topics are attended. Space is limited, so please register early. Late registrations will be taken on space availability basis. Continental breakfast, lunch, and afternoon snacks will be provided. You will receive 1 CEU for each lecture you attend, up to 7 CEUs per day.

TO REGISTER: CALL 1-800-82-SHARP (1-800-827-4277) MONDAY THROUGH FRIDAY, 8 AM TO 6 PM AND REGISTER WITH A CREDIT CARD. If you must pay by check, make check or money order payable to Sharp HealthCare Office of CME and mail this form with payment to:

**Mktg-Consumer Info Svcs
Sharp HealthCare
8695 Spectrum Center Blvd
San Diego, CA 92123**

Sharp employees who qualify for Sharp education funds can seek reimbursement for the registration fee after the event. Questions? Contact Peggy at (619) 295-0404.

2011 Sharp HealthCare Laboratory Science Symposium Registration Form

Name: _____

Employer & Work Site: _____

Address: _____

Daytime Phone: _____ Evening Phone: _____

City: _____ Zip: _____

California MTA License #: _____

Email address: _____

PLEASE PICK ONLY ONE SESSION PER TIME SLOT UNDER THE DATE YOU WILL ATTEND.

WEDNESDAY, SEPTEMBER 7, 2011			FRIDAY, SEPTEMBER 30, 2011		
8:00 – 9:00	<input type="checkbox"/> A1	Opening Keynote: Molecular Diagnostic Testing Opportunities	8:00 – 9:00	<input type="checkbox"/> B1	Opening Keynote: Molecular Diagnostic Testing Opportunities
9:15 – 10:05	<input type="checkbox"/> A2	Science Fact or Simply a Good Start	9:15 – 10:05	<input type="checkbox"/> B2	Science Fact or Simply a Good Start
	<input type="checkbox"/> A3	Warm Autoantibodies: Practical Approach		<input type="checkbox"/> B3	Warm Autoantibodies: Practical Approach
10:20 – 11:10	<input type="checkbox"/> A4	Communication in Times of Conflict	10:20 – 11:10	<input type="checkbox"/> B4	Communication in Times of Conflict
	<input type="checkbox"/> A5	Hepatitis B Surface Antigen Mutants		<input type="checkbox"/> B5	Hepatitis B Surface Antigen Mutants
11:25 - 12:15	<input type="checkbox"/> A6	Syphilis: Clinical Disease & Algorithms	11:25 - 12:15	<input type="checkbox"/> B6	Syphilis: Clinical Disease & Algorithms
	<input type="checkbox"/> A7	Service Excellence Based on Principles		<input type="checkbox"/> B7	Service Excellence Based on Principles
12:15 – 1:15		LUNCH BREAK	12:15 – 1:15		LUNCH BREAK
1:15 – 2:05	<input type="checkbox"/> A8	Lab Monitoring of Heparin Therapy	1:15 – 2:05	<input type="checkbox"/> B8	Lab Monitoring of Heparin Therapy
	<input type="checkbox"/> A9	Personalized Medicine		<input type="checkbox"/> B9	Personalized Medicine
2:20 – 3:10	<input type="checkbox"/> A10	Flow Cytometry for Leukemia/Lymphoma	2:20 – 3:10	<input type="checkbox"/> B10	Flow Cytometry for Leukemia/Lymphoma
	<input type="checkbox"/> A11	The Molecular Pap Smear		<input type="checkbox"/> B11	The Molecular Pap Smear
3:25 – 4:15	<input type="checkbox"/> A12	Closing Keynote: Healthcare Reform - Riding the Waves of Change	3:25 – 4:15	<input type="checkbox"/> B12	Closing Keynote: Healthcare Reform - Riding the Waves of Change

2011 Sharp HealthCare Laboratory Science Symposium Program

Refreshments and light lunch provided. Door prize drawings!

- 1. Opening Keynote: “Molecular Diagnostic Testing: responsibilities and opportunities for Clinical Laboratory Scientists”**
8:00am – 9:00am, 1.0 CEU
Howard Robin, MD, Director of CME, Sharp HealthCare
Technology has revolutionized our diagnostic capabilities especially in the area of fetal maternal health. CLS are required to run the assays but also to interface with physicians, patients and the public. The new health care mandate to improve outcomes and reduce unnecessary expenditures will require collaboration between all health care professionals, especially laboratorians.
- 2. “Science Fact or Simply a Good Start”**
9:15am – 10:05am, 1.0 CEU
Jackie Coleman, PhD, Director of Scientific Affairs, Accumetrics, Inc.
Pharmaceutical and device companies spend millions of dollars annually on clinical trials and studies. The results of many of these studies are the basis for FDA clearance of drugs and devices and their use in patient populations. However, significant information regarding a drug or device is often discovered after these initial approvals. This presentation will discuss the history and results of selected studies and trials, and the relevance of these observations to clinical laboratory testing.
- 3. “Warm Autoantibodies,; A Practical Approach”**
9:15am – 10:05am, 1.0 CEU
Federico Rodriguez Quezada, MT(ASCP) SBB, Manager Cell Therapy Laboratory, SDBB
This presentation will compare two different methodologies Laboratory Transfusion Services can utilize when handling patients with warm autoantibodies. The current practice of performing adsorptions and elutions will be compared with new practices using molecular testing to improve patient care.
- 4. “Communicating When There’s a Potential for Conflict”**
10:20am – 11:10am, 1.0 CEU
Cherie V. Petersen, BA, Distance Education Program Coordinator, ARUP Laboratories
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? Negative outcomes can be avoided if the situation is approached with thoughtful consideration and a positive strategy. The session will illustrate how to handle situations where potential for conflict exists. Participants will learn how to facilitate more satisfying outcomes when dealing with the potential for conflict.
- 5. “Clinical Significance of Hepatitis B Surface Antigen Mutants”**
10:20am – 11:10am, 1.0 CEU
Monet Sayegh, MD, MS, CLS, MT(ASCP), Disease State Marketing, Siemens Healthcare Diagnostics
Tricia Bal, MD, Clinical Marketing, Siemens Healthcare Diagnostics
Laboratory screening for active HBV infection relies on detection of both antigen and antibody to HBV. Epitopes in the major hydrophilic domain of the HBV surface antigen protein are the basis for serological detection of active infection. High rates of viral production with HBV, as well as the RNA-based intermediate in the replication process, contribute to mutations throughout the HBV genome. This seminar focuses on the clinical and serologic relevance of HBV mutations, including the potential for missed positives using commercially available HBV surface antigen detection methodologies.
- 6. “Syphilis: Clinical Disease and Testing Algorithms”**
11:25am- 12:15pm, 1.0 CEU
Monet Sayegh, MD, MS, CLS, MT(ASCP), Disease State Marketing, Siemens Healthcare Diagnostics
Tricia Bal, MD, Clinical Marketing, Siemens Healthcare Diagnostics
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 allow automation of the screening assay.
- 7. “Service Excellence Based on Principles – The Fred Factor”**
11:25am – 12:15pm, 1.0 CEU
Cherie V. Petersen, BA, Distance Education Program Coordinator, ARUP Laboratories
This presentation speaks to the commitment each and every one of us needs to embrace in order to put customer service best practices into action. Exceptional customer service is the differentiating factor in market growth, customer retention, and basic industry service-oriented competitiveness. Participants will be able to recognize the positive outcomes related to a personal commitment to service excellence principles. Attendees will engage in activities specifically designed to create a paradigm shift – moving from executing activities mandated to simply fulfill their job responsibilities to regarding the practice of service excellence principles as a means of validating their value to patients and physicians, co-workers, their lab organization, and more importantly, their own self-worth.
- 8. “Laboratory Monitoring of Heparin Therapy”**
1:15pm – 2:05pm, 1.0 CEU
James DeMase, BS, Marketing Manager – Hemostasis, Beckman Coulter, Inc.
This lecture covers the history of heparin and its use as an anticoagulant along with a review of the regulatory requirements and laboratory methods for heparin monitoring. The benefits of using the Heparin anti-Xa assay to monitor unfractionated heparin (UFH) will be discussed.
- 9. “Personalized Medicine – A Changing Paradigm for Healthcare”**
1:15pm – 2:05pm, 1.0 CEU
Raymond Kunda, PhD, Principal Applications Scientist, Roche Diagnostics
Sarah Moseley, PhD, Principal Applications Scientist, Roche Diagnostics
What is personalized medicine and how does it apply to healthcare today? This session will provide a description of personalized medicine based on genetic profiling and will provide examples of how this approach to patient management is changing and improving healthcare outcomes.
- 10. “Flow Cytometry and Ancillary Testing in Leukemia/Lymphoma Diagnosis”**
2:20pm – 3:10pm, 1.0 CEU
Anand Kunda, MD, Staff Pathologist, Sharp Memorial Hospital
Dr. Kunda will discuss the clinical utility of flow cytometry in leukemia/lymphoma diagnosis with emphasis on benefit in certain diagnoses. A brief technical overview will be given. Other methods, such as fluorescence in-situ hybridization, as well as molecular methods, will also be covered.
- 11. “The Molecular Pap Smear: The expanding role of molecular testing for HPV, STDs, Vaginosis, and Prenatal Screen for inherited disease”**
2:20pm – 3:10pm, 1.0 CEU
Ron McGlennen, MD, President and Medical Director, Access Genetics
Obstetrics was the first specialty in healthcare to employ the routine use of molecular diagnostics. Starting with HPV, extracting DNA from liquid Pap samples is a standard of care that has expanded from utility in cases of ASCUS, to a broader application, now approaching 30% of total volume of Pap samples collected. The convenience of using this single sample type has now led to testing for other conditions including routine screening for Chlamydia, Gonorrhea and Herpes Simplex virus. In addition, there is now an interest by OB/GYN physicians in testing for vaginosis, the single most common reason a women visits her gynecologist. This, along with the trend to use DNA from cervical cells as the source for tests used in prenatal screening, make up what we will discuss: the Molecular Pap Smear.
- 12. “Healthcare Reform: Riding the Waves of Change”**
3:25pm – 4:15pm, 1.0 CEU
Dan Gross, Executive Vice President, of Hospital Operations, Sharp HealthCare
John Jenrette, MD, CEO and CMO, Sharp Community Medical Group
Healthcare reform has led provider administrators to renew their search for “best practices”. This presentation will consist of a simplified explanation of Health Care Reform and will delve into the reasons why health care reform is needed, its financial impact, and how the initiatives affect the quality and effectiveness of healthcare delivery.