

Lab Medicine 2014
Academy of Clinical Laboratory Physicians & Scientists
49th Annual Meeting
University of California, San Francisco, Department of Laboratory Medicine
San Francisco, CA May 29– 31, 2014

Emerging Technologies for the Clinical Laboratory

The target audience for this meeting includes: Physicians, Laboratory Directors, Scientists and Educators engaged in teaching, research and service in academic laboratory medicine.

The learning objectives for this meeting are as follows:

- Describe new testing methods and emerging trends in the clinical laboratory
- Review clinical applications of new technologies in the clinical laboratory
- Discuss clinical applications of mass spectrometry in the clinical laboratory

DAY 1: THURSDAY, MAY 29	
8:00 am – 12:00 pm	<i>Satellite Sessions in Clinical Laboratory Analytics (see separate schedule)</i>
10:00 am – 6:00 pm	Registration
11:30 am – 1:30 pm	Optional Tours of China Basin Clinical Laboratories
12:00 pm – 2:00 pm	Executive Council Meeting
<i>Start of Scientific Sessions</i>	
2:00 pm – 2:15 pm	Welcome and Introductions Cliff Lowell MD PhD Professor & Chair, Department of Laboratory Medicine
	Enrique Terrazas, MD Clinical Professor, Department of Laboratory Medicine
2:15 pm – 2:45 pm	Moderator: Enrique Terrazas <i>Proteomics for traumatic brain injury</i> Jennifer Van Eyk, Johns Hopkins University
2:45 pm – 3:15 pm	<i>Age of blood, does it matter?</i> Philip Norris, UCSF
3:15 pm – 3:35 pm	Break

3:35 pm – 4:20 pm	Breakout: Case Reports <i>Innovations in Point-of-Care Testing, Alan Wu, UCSF</i> <i>Clinical immunology, Melissa Synder, Mayo Clinic</i> <i>Coagulation, Mike Laposata, Vanderbilt University</i>	
4:20 pm -4:50 pm	<i>Economic justification and LDT validation of mass spectrometry in the clinical laboratory</i> Paul Jannetto, Mayo Clinic	
2:15 pm – 5:00 pm	Concurrent TRIG Workshop Richard Haspel, Beth Israel Deaconess Medical Center Andrew Beck, Beth Israel Deaconess Medical Center	
6:00 pm – 8:00 pm	Welcome Reception Grand Hyatt Hotel, 36 th Floor	
DAY 2: FRIDAY, MAY 30		
7:15 am – 8:00 am	Breakfast	
8:00 am – 9:30 am	Young Investigator Presentations 1 <i>Transfusion Medicine</i> <i>Malignant Hematology</i> <i>Microbiology</i> <i>Biomedical Research</i> <i>Chemistry I</i>	
9:30 am – 10:00 am	Coffee Break	
10:00 am – 11:15 am	Young Investigator Presentations 2 <i>Immunology</i> <i>Benign Hematology & Coagulation</i> <i>Molecular Diagnostics</i> <i>Laboratory Administration & Test Utilization</i> <i>Chemistry II</i>	
11:15am – 11:45 pm	Moderator: Alan Wu Keynote <i>Molecular mapping beyond the microscope</i> Richard Caprioli, Vanderbilt University	
12:00 pm – 1:00 pm	Lunch	

12:00 pm – 1:00 pm	Milestone Update: Residency and Fellowship Program Directors Laura Edgar Executive Director, RC(s) for Medical Genetics, Pathology and Radiation Oncology ACGME	
1:00 pm – 1:45 pm	Cotlove Award Lecture <i>A structure for immunity and cancer at the single level</i> Garry Nolan, Stanford	
1:45 pm – 2:30 pm	<i>Clinical and forensic toxicology (includes live real-time analysis/discussion with Poison Control)</i> Craig Smollin, Deb French: Case development/presentation Neal Benowitz, Kent Olson, Thomas Kearney, Hallam Gugleemann: Blinded toxicology discussants Katie Thoren or Jennifer Colby: MS analysts	
2:30pm – 3:15pm	Coffee Break/Poster Viewing	
3:15 pm -4:15 pm	<i>Lessons Learned from High Profile Cases</i> Dr. Henry Lee, University of New Haven, CT	
4:15 pm -4:45 pm	<i>The feminization of America due to environmental toxicology: you are what you eat, drink, and touch</i> Tracey Woodruff, UCSF	
5:45 pm – 6:30 pm	Buses to Awards Banquet	
6:30 pm – 9:30 pm	Awards Banquet Empress of China Restaurant	
DAY 3: SATURDAY, MAY 31		
7:30 am – 8:15 am	Breakfast	
8:15 am – 9:00 am	Moderator: Deborah French Ellis Benson Award Lecture Carey-Ann Burnham, Washington University	
9:00 am – 9:30 am	<i>Advancement in flow cytometry</i> Fiona Craig, University of Pittsburgh	
9:30 am – 10:00 am	<i>Monitoring response of blood cancers to chemotherapeutics</i> Arun Wiita, UCSF	
10:00 am – 10:30 am	Coffee Break	

10:30 am – 11:00 am	<i>Phenotypings for pharmacogenomics and personalized medicine</i> Nigel Clarke, Quest Diagnostics	
11:00 am - 11:30am	<i>Next generation sequencing</i> Charles Chiu, UCSF	
	<i>End of Scientific Sessions</i>	
11:45 am	Box Lunch	
	<i>Start of Annual Business Meeting</i>	
12:00 pm – 12:45 pm	Membership Business Meeting (all are welcomed to attend)	
	<i>End of Business Meeting</i>	
12:45 pm – 2:30 pm	Executive Council Meeting	