



NCASM

NORTHERN CALIFORNIA
AMERICAN SOCIETY FOR MICROBIOLOGY

2016 FALL SEMINAR and MEETING ANNOUNCEMENT

Platinum Sustaining Members

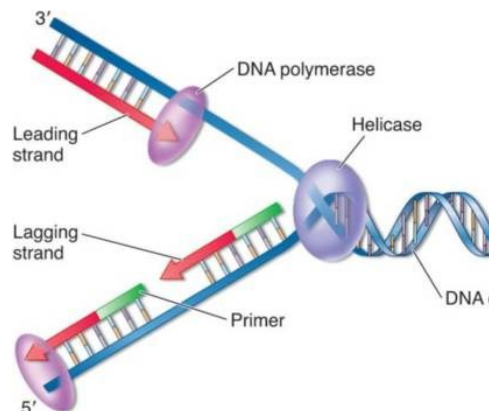
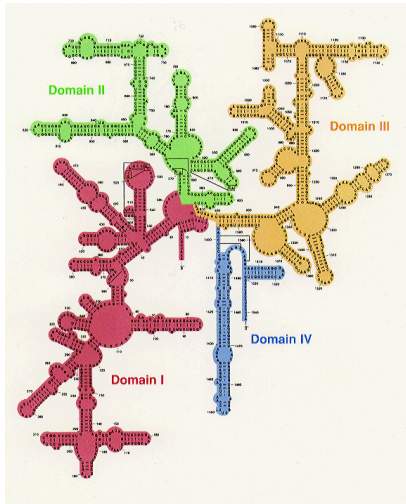
Biofire
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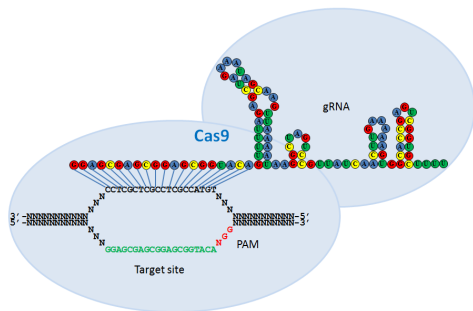


FASHION FORWARD: CRISPR, NGS & MALDI Technology in 2016

NCASM FALL 2016 SEMINAR
October 22, 2016

Santa Clara University
Daly Science Center, Bldg. # 207
500 El Camino Real, Santa Clara, CA

**THIS IS YOUR ONSITE PROGRAM,
PLEASE BRING THIS WITH YOU TO THE MEETING**



Directions:

From U.S. Highway 101: Take the De La Cruz Boulevard/Santa Clara exit. Follow De La Cruz Boulevard towards El Camino Real (stay in the right lane). When De La Cruz Boulevard splits, follow the right split over the overpass. Turn right on Lafayette St. Turn left onto Benton St. Turn right on Alviso St. & park in the free parking structure.

From Interstate 880: Take The Alameda exit. Travel north on The Alameda. Veer right: The Alameda will become El Camino Real. Pass the main entrance to the University and make a left onto Benton St. Turn right on Alviso St. and park in the free parking structure.

From Interstate 280: Take Interstate 880 north toward Oakland. Exit at The Alameda. Turn left on The Alameda. Veer right: The Alameda will become El Camino Real. Pass the main entrance to the University and make a left onto Benton St. Turn right on Alviso St. and park in the free parking structure.

If you want to plug an address into your GPS, use "3230 The Alameda, Santa Clara, CA"; the parking structure is across the street from this address. Keep in mind that The Alameda stops at the campus and resumes again after campus; you cannot go through campus on The Alameda.

Free parking is available anywhere on campus.

Please check AAA or yellow page listings for hotels in Santa Clara if accommodations are needed.

NCASM Fall Seminar Schedule

Santa Clara University—Daly Science Center

- 7:00 Registration & Continental Breakfast
- 7:55 Welcome/Announcements
Jennifer Kyle, PhD, CLS, PHM, NCASM President
- 8:00 **Impact of Culture Independent Diagnostics in Clinical Laboratory and Public Health** | Karissa Culbreath, PhD, D(ABMM), Tricore Labs and University of New Mexico, Albuquerque, New Mexico
CIDTs promise to decrease turn-around times and improve patient care in acute diagnostic settings. What consequences will CIDTs have for microbiologists in clinical & public health labs? Dr. Culbreath will help us to prepare for coming changes by explaining the impacts.
- 8:55 **Bacterial and Fungal Ribosomal Gene Sequencing from Direct Patient Specimens** | Judre Budvytiene, MS, CLS
Stanford Healthcare Clinical Microbiology, Palo Alto, CA
Direct patient testing of clinical specimens offers the ability to rapidly detect life-threatening infections of sterile site specimens. Come hear about the technology behind this advancement and the challenges of its implementation.
- 9:45 Break + Student Posters — Coffee, Tea & Juice
- 10:15 **Metagenomic NGS for Diagnosis of Meningitis and Encephalitis**
Steve Miller, MD, PhD, University of California, San Francisco
An infection of cerebral spinal fluid (CSF) is a serious and potentially life-threatening diagnosis. Time is of the essence, but figuring out the etiologic agent can be challenging. Come hear how metagenomic analysis may provide a powerful new tool in this arena.
- 11:05 **Better, Faster, Stronger: Clinical Microbiology in the Era of MALDI-TOF Mass Spectrometry** | Susan Butler-Wu, PhD, D(ABMM)
University of Southern California, Los Angeles, CA
Not all molecular methods are culture-independent, and Mass Spectrometry of bacterial isolates promises to dramatically reduce turn-around-times, especially for antimicrobial susceptibility testing. Join Dr. Butler-Wu for a comprehensive review of this approach.
- 11:55 Lunch (Join us in the courtyard for a buffet!)
- 1:00 **You're on Rotation: Front Lines in Rapid Molecular Diagnostics**
Step right up for our popular break-out session tour of rapid molecular diagnostic platforms. The future is now!
Featuring: Cepheid (Tinda Miller and Jason McCreary), Luminec (Traci Beeby), and Nanosphere (Vicki Jaccenky)
- 3:00 Break+ Student Posters (refreshments)
- 3:30 **The anti-CRISPR advantage: How bacteriophages thwart CRISPR**
Joseph Bondy-Denomy, PhD, University of California, San Francisco
The bacterium-bacteriophage interaction predates humans by billions of years. Come hear the latest discoveries and understanding of this ultimate arms race.



Student Poster Session

Student Posters will be available during the morning session.
Please contact Tracy Ruscetti (truscetti@scu.edu)
prior to October 15th, 2016 for arrangements.
Please include "NCASM POSTER" in email subject line.



CEU Course Number 16-013 thru 16-014

0.7 continuing education units (7.0 contact hours)
will be available upon completion of the entire meeting.
NCASM is an approved provider and accrediting
agency (accreditation #0044) for
California Laboratory Continuing Education



In compliance with the Americans with Disabilities Act, NCASM and Santa Clara University will make every effort to provide for the participant's comfort and convenience



Program updates, a campus map and a
downloadable program
are available on the NCASM website at
www.asmbbranches.org/brcano



**ONLINE REGISTRATION NOW AVAILABLE
PLEASE SEE OUR WEBSITE FOR DETAILS:**

www.asmbbranches.org/brcano/meetings/

**MAIL-IN PRE-REGISTRATION DEADLINE —
Postmarked by Saturday, October 15th, 2016**

**PAYPAL PRE-REGISTRATION DEADLINE —
Tuesday, October 18th, 2016, NOON**

**MAIL-IN REGISTRATION FORM - NCASM FALL SEMINAR
SANTA CLARA UNIVERSITY, SANTA CLARA, CA
SATURDAY, OCTOBER 22, 2016**

Name _____

Employer/Affiliation _____

Mailing Address _____
 ___ Business _____
 ___ Home _____

Telephone (H) _____ (W) _____

Check here if NCASM can contact you by Email regarding future NCASM Events

Please provide Email Address _____

Cancellation/Refund Policy: Full refunds, less a \$10.00 processing fee per registrant, will be given before October 18, 2016. After October 18, 2016, refunds will NOT be remitted, but registration can be transferred to another attendee at THIS meeting. **Receipts:** Confirmation and receipts will NOT be mailed in advance of the meeting. Receipts available at the meeting will be printed on the reverse of the participant's name badge.

NCASM MEMBERSHIP DUES		
January 2016 - December 2016, Regular	\$ 25.00	\$ _____
Jan-Dec 2016, Full Time Student (Student ID required)	\$ 5.00	\$ _____
REGISTRATION FEES (includes continental breakfast, lunch, and afternoon refreshments)		
NCASM Member Fee	\$ 99.00	\$ _____
Non-NCASM Member Fee	\$ 140.00	\$ _____
Full Time Student Fee (Please include copy of Student ID)	\$ 20.00	\$ _____
Non-NCASM Member CEU Fee	\$ 10.00	\$ _____
Late Fee (post-marked after 10/15/16) or On-Site Registration Depending on SPACE AVAILABILITY	Additional \$ 10.00	\$ _____
TOTAL FEES ENCLOSED		\$ _____

**Advance payment required to guarantee registration.
Make Checks payable to "NCASM" (Credit Cards Accepted for *Online and Day-Of Registrations*)**

*Mail-In Registration—
Send form and checks to:*

NCASM Secretary
Amy Kingsley
1890 Junction Boulevard, Unit 2815
Roseville, CA 95747

For registration information, contact:

Amy Kingsley, CLS
amy.kingsley.ncasm@gmail.com

ONLINE REGISTRATION NOW AVAILABLE —PLEASE SEE OUR WEBSITE FOR DETAILS:
<http://www.asmbanches.org/brcano/index.html>