



REGISTER NOW!
October 20-21, 2015

Final Program

50th Annual Region I Meeting

Northeast, Connecticut Valley, Eastern New York, and New York City Branches
American Society for Microbiology

***Come help us celebrate
Fifty Years of Microbiology on the Move!***

Featuring:

- Symposia
- Posters
- History
- Exhibitors
- A 50th Anniversary Toast

Program Topics:

- Antimicrobial Resistance
- Prevention of Healthcare-Associated Infections
- Vibrios Throw Us a Curve
- Advanced Molecular Diagnostics
- Innovative Diagnostics: An Industry Perspective
- Threat of Emerging Pathogens on Health
- Food Microbiomes
- Current Topics in Environmental Microbiology
- And more !!!

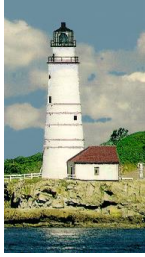
Location: The Lantana, 43 Scanlon Drive, Randolph, MA

Hosted by: The Northeast Branch

<http://www.northeastbranchasm.org> or www.asm.org/branch/brNoE/index.shtml

Contact: Irene George: NEBranch-ASM@comcast.net or Pat Kludt: asmneb@gmail.com

Exhibits: Paulette M. Howarth pbazel@comcast.net; Abstracts: Frank Scarano fscarano@umassd.edu



Northeast Branch

American Society for Microbiology

Dear Colleagues,

Come help us celebrate Fifty Years of Microbiology on the Move!

On behalf of the participating Branches, I invite you to attend the 50th Annual Region I Meeting, hosted by the Northeast Branch of the American Society for Microbiology, with contributions from the Connecticut Valley, Eastern New York, and New York City Branches. This year's meeting will be held on October 20-21, 2015 at The Lantana Conference Center (<http://www.thelantana.com>) in Randolph, MA, approximately 15 miles South of Boston,

We're celebrating our 50th anniversary with symposia, posters, and history that feature a variety of topics across a spectrum of microbiology and professional interests. Distinguished guest lecturers will open the program and present the special dinner lecture. Regional and national experts will share insights and recent developments from an academic and industry perspective. We especially encourage your participation in the poster session – a collegial and intimate forum for microbiologists, undergraduates, graduates students, postdoctoral fellows, and industry to share their research and ideas. Exhibitors will showcase new technology in the adjoining exhibit hall. And we'll end with a special anniversary toast!

The final program schedule follows. Online registration and additional information about the meeting, special hotel rates, and transportation can be found on our Branch website at: <http://www.northeastbranchasm.org/neb>. Continuing Education (CEU) credit will be available.

Of note, regional meetings offer a wonderful alternative to those unable to attend the national ASM General Meeting. Our Region I Meeting is relatively close to home and provides a vibrant, supportive venue to meet colleagues, old and new, and to catch up on 'what's new' in microbiology.

So please come help us celebrate our Fifty Years of Microbiology on the Move! This year's meeting promises to be a wonderful educational experience and a memorable event.

I look forward to seeing you this fall.

Sincerely,
Nancy S. Miller, M.D.
President, Northeast Branch, ASM
On behalf of the Region I Branches



REGION I MEETING PROGRAM SCHEDULE **October 20-21, 2015**

<u>TUESDAY-10/20/15</u>		<u>WEDNESDAY-10/21/15</u>	
7:00am-3:00pm	Registration First Floor	7:00am-10:00am	Registration First Floor
7:00-11:00am	CONTINENTAL BREAKFAST for Meeting Attendees Ballroom Lobby	7:00-11:00am	CONTINENTAL BREAKFAST for Meeting Attendees Ballroom Lobby
8:00-12:00noon 9:50-10:20am- break	<i>Antimicrobial Resistance</i> Normandy Room	8:00-12:00noon 10am-break	<i>Innovations in Diagnostics Exhibitor Presentations</i> Normandy Room
8:00-12:00noon 10-10:30am- break	<i>Vibrios Throw Us a Curve</i> Cailey Room	8:00-11:45am 9:45-10:15am- break	<i>Threat of Emerging Pathogens on Health</i> Cailey Room
10:00am-6:15pm	POSTERS on Display Hallway or Ballroom	10:00am-3:00pm	POSTERS on Display Hallway or Ballroom
12:00pm-6:15pm	EXHIBITS open Exhibit Area (Ballroom)	10:00am-3:00pm	EXHIBITS open Exhibit Area (Ballroom)
12:00pm-1:30pm	LUNCH Exhibit Area (Ballroom)	12:00pm-2:00pm	LUNCH <i>50 Year Anniversary Cake</i> Exhibit Area (Ballroom)
1:30-2:15pm	<i>Plenary Lecture</i> Normandy Room		
2:30-5:00pm	<i>Prevention of Healthcare Associated Infections</i> Normandy Room	2:00pm-5pm	<i>Microbiomes of Food</i> Normandy Room
2:30-5:00pm	<i>Advanced Molecular Diagnostics</i> Cailey Room	2:00pm-5pm	<i>Topics in Environmental Microbiology - Presented by the Connecticut Valley Branch</i> Cailey Room
5:00-6:15p	POSTERS: Authors in Attendance Hallway or Ballroom	3:00pm	Exhibits and Posters Close
	Wine and Cheese RECEPTION with the EXHIBITORS Exhibit Area (Ballroom)	3:00-4:00pm	Refreshments will be served
6:30-9:30pm	BANQUET and SPEAKER Bostonian Room		

The Northeast Branch of the American Society for Microbiology is approved as a provider of continuing medical laboratory education activities by the American Society for Clinical Pathology (ASCP). These activities are recognized by the ASCP as meeting the criteria for Continuing Medical Laboratory Education (CMLE) credit. ASCP CMLE credits are acceptable to meet the continuing education requirement for the ASCP Board of Registry Certification Maintenance Program. [Note: CMLE will be given for all symposia and for the plenary and evening presentations; CMLE will NOT be given for *Innovations in Diagnostics-An Industry Perspective*]

50th ANNUAL REGION I MEETING PROGRAM

Northeast, Connecticut Valley, Eastern New York, and New York City Branches,
American Society for Microbiology
Hosted by: the Northeast Branch

The Lantana, 43 Scanlon Drive, Randolph, MA

50 Years of Microbiology on the Move!
October 20-21, 2015

Tuesday – October 20, 2015

WELCOME and OPENING PLENARY

Welcome: Nancy S. Miller, MD, Medical Director, Clinical Microbiology & Molecular Diagnostics, Boston Medical Center Department of Pathology and Laboratory Medicine, Boston University School of Medicine, Boston, MA and President, Northeast Branch-ASM

Keynote Speaker: *Unleashing Microbiology Data Hiding in Your Laboratory Information System*
Joseph M. Campos, PhD, D(ABMM), Chief, Division of Laboratory Medicine, Children's National Medical Center, Washington, DC and Secretary, American Society for Microbiology

SYMPOSIUM: Antimicrobial Resistance, New Drugs, Old Drugs, Interventions (CME*)

- *Antibiotic Resistance: Global Action Towards Control*
Stuart B. Levy, MD, Director, Center for Adaptation Genetics and Drug Resistance, Distinguished Professor, Molecular Biology and Microbiology, Medicine, and Public Health & Community Medicine, Tufts University School of Medicine, and President of the International Alliance for the Prudent Use of Antibiotics, Boston, MA
- *Antimicrobial Resistance: The Therapeutic Challenge*
David C. Hooper, MD, Professor of Medicine, Harvard Medical School, Chief, Infection Control Unit, Massachusetts General Hospital, Boston, MA
- *Antimicrobial Stewardship*
Shira I. Doron, MD, MS, FIDSA, Director, Antimicrobial Stewardship Team and Associate Hospital Epidemiologist, Tufts Medical Center, Boston, MA
- *Tackling MDRO's in the Clinical Laboratory*
Stephen M. Brecher, MS, PhD, Director of Microbiology, VA Boston Healthcare System, and Associate Professor of Pathology and Laboratory Medicine, BU School of Medicine, Boston, MA

SYMPOSIUM: Prevention of Healthcare Associated Infections (CME*)

- *Infection Control in the Ambulatory Setting. "Toto, I've a feeling we're not in the hospital anymore"*
Benjamin A. Kruskal, MD, PhD, FAAP, FIDSA, Chief of Infectious Diseases and Travel Medicine, Harvard Vanguard Medical Associates/Atrius Health, Somerville, MA
- *Hemodialysis-Prevention of Healthcare Associated Infections*
Sally Hess, MPH, CIC, Infection Prevention Manager (retired), University of Vermont Medical Center, Burlington, VT
- *Healthcare Associated Infections and Long-Term Care*
Ruth Kandel, MD, Chair, Infection Control, Hebrew Senior Life, Boston, MA, and Assistant Professor, Harvard Medical School

SYMPOSIUM: Vibrios Throw Us a Curve: People, Places and Oysters

- *The Three Big Vibrio Pathogens: A Study in Contrast*
Valerie J. Harwood, PhD, Professor, University of South Florida, Tampa, FL
(ASM Distinguished Lecturer donated by the Eastern New York Branch)
- *Public Health Reporting and Surveillance of Vibrio Infection in Massachusetts*
Johanna Vostok, MPH, Epidemiologist, Bureau of Infectious Diseases, Epidemiology Program, Massachusetts Department of Public Health, Jamaica Plain, MA

- *Vibrio Management for Oysters in Massachusetts*
Christopher Schillaci, MS, *Vibrio* Coordinator, Massachusetts Department of Fish and Game, Division of Marine Fisheries, New Bedford, MA
- *Tales from the Trenches – Vibrio Cases from the Clinical Microbiology Laboratory*
Nancy S. Miller, MD, Medical Director, Clinical Microbiology and Molecular Diagnostics, Boston Medical Center Department of Pathology and Laboratory Medicine, Boston University School of Medicine, Boston, MA
- *Cutting-edge research takes a slice out of Vibrio: Discovery of host susceptibility genes for Vibrio parahaemolyticus type 3 secretion system killing by CRISPR genome-wide screen*
Joseph Park, Howard Hughes Medical Research Fellow, Brigham & Women's Hospital/Harvard Medical School, Student, Boston University School of Medicine, Boston, MA

SYMPOSIUM: Advanced Molecular Diagnostics

- *Advanced Molecular Diagnostics*
Jonas M. Winchell, PhD, Chief, Respiratory Diseases Branch, National Center for Immunization and Respiratory Disease, Centers for Disease Control, Atlanta, GA
- *Genomic Epidemiology of Ebola and Pathogen Surveillance in West Africa*
Daniel J. Park, PhD, Group Leader, Viral Computational Genomics, Broad Institute of Harvard and MIT, Cambridge, MA
- *Whole Genome Sequencing for TB Diagnostics at the Wadsworth Center*
Kimberlee Musser, PhD, Chief of Bacterial Diseases, Wadsworth Center, NYSDOH, Albany, NY

TUESDAY EVENING WINE and CHEESE RECEPTION with the EXHIBITORS

BANQUET and BANQUET SPEAKER:

To the Apocalypse and Back: A Year (and a Little More) of Ebola in Liberia

Steven Hatch, MD, Assistant Professor, Division of Infectious Diseases and Immunology, University of Massachusetts Medical School, Worcester, MA

Wednesday, October 21, 2015

SYMPOSIUM: Innovations in Diagnostics: An Industry Perspective

Exhibitor Presentations

SYMPOSIUM: Threat of Emerging Pathogens on Health

- *Emerging Arboviruses*
Laura D. Kramer, PhD, Director, Arbovirus Laboratory, Wadsworth Center, NYS Department of Health, Albany, and Professor of Biomedical Sciences, School of Public Health, SUNY, Albany, NY
- *The Threat of Emerging Drug Resistance in Mycobacterium tuberculosis*
Maha R. Farhat, MD, Instructor of Medicine, Harvard Medical School and Assistant Physician, Department of Pulmonary and Critical Care, Massachusetts General Hospital, Boston, MA
- *The Fungus Among Us*
Stuart M. Levitz, MD, Professor of Medicine and Microbiology and Physiological Systems, University of Massachusetts Medical School, Worcester, MA
- *Emerging Parasitic Diseases*
James H. Maguire, MD, Professor of Medicine, Harvard Medical School, Brigham and Women's Hospital, Boston, MA

SYMPOSIUM: Microbiomes in Food

- *Fermented Foods as Model Microbial Ecosystems*
Benjamin Wolfe PhD, Assistant Professor, Department of Biology, Tufts University, Medford, MA
- *The Microbial Genomics of Fermented Grains*
John G. Gibbons PhD, Assistant Professor, Dept. of Biology, Clark University, Worcester, MA
- *The Microbiology of Sake*
Todd Bellomy, Co-Founder/Brewer, Dovetail Sake, Waltham, MA

SYMPOSIUM: Current Topics in Environmental Microbiology

(sponsored by the Connecticut Valley Branch)

- *The Ecology and Evolution of Interspecific Interactions in a Model Fungus-Growing Ant Symbiosis*
Jonathan Klassen, PhD, Assistant Professor, Department of Molecular and Cell Biology, University of Connecticut, Storrs, CT
- *The Indoor Microbiome, Allergies, and Asthma*
Jordan Peccia, PhD, Associate Professor, Yale University, New Haven, CT
- *The Small World Initiative: Crowdsourcing the Search for New Antibiotics*
Nichole A. Broderick, PhD, Assistant Professor, Department of Molecular and Cell Biology, University of Connecticut, Storrs, CT
- *"Everything is Everywhere, but, the Environment Selects." What Else did Baas Becking say About Microbial Ecology in his 1934 Book?*
Donald A. Klein, PhD, Professor of Microbiology, Department of Microbiology, Immunology and Pathology, Colorado State University, Fort Collins, CO

HISTORY EXHIBIT: Visit the ASM Archives Exhibit with Jeff Karr, ASM Archivist.

In honor of the fiftieth anniversary of the first joint Branch meeting in Region One, materials from the Center for the History of Microbiology/ASM Archives that illustrate the state of the science and the Society in 1965 will be on display.

Also, POSTERS, 50th Anniversary Cake, and much more!

***CONTINUING EDUCATION**

The Bureau of Infectious Disease, Massachusetts Department of Public Health, designates the combined symposia on Antimicrobial Resistance and Healthcare Associated Infections Outside of Acute Care for a maximum of 6.0 *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Bureau of Infectious Disease, Massachusetts Department of Public Health is accredited by the Massachusetts Medical Society to provide continuing medical education for physicians.

This program has been offered by the Bureau of Infectious Disease, Massachusetts Department of Public Health. A maximum of 6.0 contact hours for this program will be provided in accordance with the regulations governing continuing education requirements for the Board of Registration in Nursing (CMR 244 5.00).

Pharmacists may receive up to 6.0 *PRA Category 1 Credit*TM in accordance with 247CMR 4.00.

Meeting Chair:	Alfred DeMaria, Jr.	Tel: (617) 983-6550	Email: Alfred.DeMaria@state.ma.us
Registrations:	Irene H. George	Tel: (508) 785-0126	Email: NEBranch-ASM@comcast.net
Exhibits:	Paulette Howarth	Tel: (508) 644-2466	Email: pbazel@comcast.net
Abstracts:	Frank Scarano	Tel: (508) 999-9239	Email: fscarano@umassd.edu

WE WELCOME YOUR POSTER PRESENTATION

The organizing committee of the 50th Annual Region I Meeting is pleased to offer you the opportunity to share your work and research with fellow colleagues. Research may be previously unpublished or papers given at the national meeting. Please use this official Abstract Submission Form. In the box below please type or paste a clean copy of your poster presentation abstract. The abstract will be reproduced as submitted. Use regular font (no smaller than 10) for the content. Please leave a blank line between the title and the content. Presenters must be registered for the meeting.

Sample:
The Strain From Spain. D. Quixote and S. Ponza,
University of Iberia

A multiple-resistant isolate of

Please complete and mail this form by
October 10, 2015 to:

Dr. Frank J. Scarano
 U Mass Dartmouth, Dept of Medical Lab Science
 285 Old Westport Road, Dartmouth, MA 02747
 Email: fscarano@umassd.edu

Posters will be on exhibit: Tue. 10/20/15, 10am-6:15pm, 5:00-6:15pm (attended) and Wed. 10/21/15, 10am-3:00pm

Name:		
<i>(Last)</i>	<i>(First)</i>	<i>(Middle Initial)</i>
Affiliation:		Student: Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]
Address:		
City:	State	Zip Code
Phone: (Daytime)	E-mail	
Abstract Category Preference (e.g. Clinical, Biotechnical, Environmental, etc.)		

Official 50th Annual Region I Meeting Abstract Submission Form (please use a font no smaller than 10 pt)

50TH ANNUAL REGION I MEETING-REGISTRATION FORM-OCTOBER 20-21, 2015
NORTHEAST, CONNECTICUT VALLEY, EASTERN NEW YORK AND NEW YORK CITY BRANCHES - ASM

Please print

Name: Last :		First:	Middle Initial:	
Preferred Mailing Address: <input type="checkbox"/> Business <input type="checkbox"/> Home		National ASM Member? Yes: <input type="checkbox"/> No: <input type="checkbox"/>		
		NEB-ASM Member? Yes: <input type="checkbox"/> No: <input type="checkbox"/>		
Employer/Affiliation:				
Address:		City:	State:	Zip code:
Phone (Daytime/Work):		Phone (Home):		
E-mail address:				
Preferred Contact Method: <input type="checkbox"/> Regular mail <input type="checkbox"/> E-mail				
Employment/Discipline: (Please check one):				
Hospital- <input type="checkbox"/> Private- <input type="checkbox"/> Gov't Lab- <input type="checkbox"/> College/University- <input type="checkbox"/> Industrial- <input type="checkbox"/> Consultant- <input type="checkbox"/> Other- <input type="checkbox"/>				

Registration fee includes continental breakfast, breaks, and daily lunch.
 Discounted registration fees are applicable to National ASM and Region I Branch members!
 You can join the Northeast Branch NOW, either online or by using this form - see below!

GENERAL REGISTRATION		By 10/16	After 10/16	Total Amount
Two Days (Tue. and Wed.) <input type="checkbox"/>	Member	\$150	\$170	
	Nonmember	\$175	\$195	
	Full-time Students	\$70	\$70	
One Day (please check one)	Member	\$100	\$120	
	Nonmember	\$115	\$135	
	Full-time Students	\$50	\$50	
Institution Pass: 2 admissions, 1 person per day			\$185	
Tuesday DINNER admission (not included in Registration fee)			\$55 \$30 (students)	
NEB-ASM Membership				
October 2015-December 2016		Regular..(\$15)	<input type="checkbox"/>	
October 2015-December 2016		Student..(\$10)	<input type="checkbox"/>	
				TOTAL ENCLOSED

REGISTRATION!

ON-LINE REGISTRATION

<http://events.constantcontact.com/register/event?llr=g8sdkygab&oeidk=a07eb7pjnn46236a0cb>

OR

BY MAIL: Mail completed form with a check/money order (made out to NEB-ASM) to

NEB-ASM, Irene H. George, PO Box 158, Dover, MA 02030

Note: Registration confirmation will be sent only if e-mail is provided

Contacts: Irene H. George, Secretary, (508) 785-0126, NEBranch-ASM@comcast.net

Pat Kludt, Treasurer: asmneb@gmail.com

Directions to THE LANTANA



From Route 24:

Take Route 24 North to I-93 North - formerly 128 South - to Exit 5A (Randolph, Route 28 South). Take a right at the first set of lights onto Scanlon Drive. The Lantana is at the end of Scanlon Drive on the right.

From Logan International Airport:

Take Sumner Tunnel to I-93 South ("Southeast Expressway") formerly 128 North - to Exit 5A (Randolph, Route 28 South). Take a right at the first set of lights onto Scanlon Drive. The Lantana is at the end of Scanlon Drive on the right.

From Boston:

Take I-93 South ("Southeast Expressway") formerly 128 North - to Exit 5A (Randolph, Route 28 South). Take a right at the first set of lights onto Scanlon Drive. The Lantana is at the end of Scanlon Drive on the right.

From Cape Cod:

Take Route 3 North to I-93 South - formerly 128 - to Exit 5A (Randolph, Route 28 South). Take a right at the first set of lights onto Scanlon Drive. The Lantana is at the end of Scanlon Drive on the right.

From Rhode Island:

Take I-95 north to I-93 North - formerly 128 - to Exit 5A (Randolph, Route 28 South). Take a right at the first set of lights onto Scanlon Drive. The Lantana is at the end of Scanlon Drive on the right.

From the West:

Take the Mass Pike to I-95 South to I-93 North (formerly 128 South) to Exit 5A (Randolph, Route 28 South). Take a right at the first set of lights onto Scanlon Drive. The Lantana is at the end of Scanlon Drive on the right,

Accommodations – 50th Annual Region I Meeting

Accommodations are available at the the nearby Comfort Inn adjacent to the Lantana function facility.

Comfort Inn
1374 North Main Street,
Randolph, MA 02368
Tel: 781-961-1000
Fax: 781-963-0089
