46th Annual Region I Meeting

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

Final Program

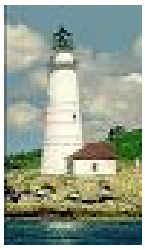
Microbiology at the Crossroads

Bad Bugs/Global Health and Ecology/New Technologies

October 26-27, 2011

The Lantana
43 Scanlon Drive, Randolph, Massachusetts

Hosted by: Northeast Branch, American Society for Microbiology
http://www.ASM.org/Branch/brNoE/index.shtml



Dear Colleagues,

On behalf of the participating Branches, I would like to welcome you to the 46th Annual Region I Meeting, which is hosted by the Northeast Branch of the American Society for Microbiology, with contributions from the Connecticut Valley, Eastern New York, and the New York City Branches. The meeting, entitled "Microbiology at the Crossroads, Bad Bugs/Global Health and Ecology/New Technologies", is being held on October 26-27, 2011 at The Lantana Conference Center in Randolph, MA, approximately 15 miles South of Boston.

The meeting's title reflects a focus on emerging infectious diseases and evolving strategies for their diagnosis. To this end, we have assembled a program that should have broad appeal to those interested in many of the microbiology disciplines, such as Clinical Microbiology, Molecular Diagnostics, Public Health Epidemiology, Basic Pathogenesis, Environmental Microbiology, and Food Microbiology. During two days of symposia, regional and national experts will share insights and recent developments from both an academic and industry perspective. We would especially like to encourage participation in the poster session, which will provide 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. ASM President, Dr. David Hooper will present the opening lecture on emerging drug resistance, and an evening dinner lecturer, Dr. Susan M. Reverby, will discuss the infamous syphilis studies in Tuskegee and Guatemala and provide reflections on the dangers and safeguards needed for human subjects research.

A program schedule follows. Online registration and additional information about the meeting, special hotel rates, and transportation can be found on our Branch website. CEU credit will be available.

Please make every effort to attend. The Regional Meeting offers an alternative for those unable to attend the ASM General Meeting – it is relatively close to home, provides a conducive and intimate venue to meet colleagues, old and new, and to keep up with developments across microbiology disciplines.

I anticipate this will be a provocative and highly educational experience. I look forward to seeing you this fall.

Sincerely,

James E. Kirby, MD, D(ABMM)
President, Northeast Branch, ASM
On behalf of the Region I Branches

ASM Branches

46th Region I Meeting Organizing Committee

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Beth Israel Deaconess Medical Center
Boston, MA

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University of Massachusetts Dartmouth
Dartmouth, MA

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Boston, MA

Clinical Coordinators

Catherine Brown, DVM, MSc, MPH
MA Dept. of Public Health
Bureau of Infectious Disease, Boston, MA

Edward Carney, PhD
Biology Dept.
Norwich University
Northfield, VT

Alfred DeMaria, Jr., MD
MA Dept. of Public Health
Bureau of Infectious Disease, Boston, MA

Patricia Kludt, MPH
MA Dept. of Public Health
Bureau of Infectious Disease, Boston, MA

Nancy S. Miller, MD
Boston Medical Center
Boston, MA

Nira Pollock, MD, PhD, D(ABMM)
Beth Israel Deaconess Medical Center
Boston, MA

Gregory Reppucci, MS
North Shore Community College
Danvers, MA

Frank J. Scarano, PhD, MLT(ASCP)M^{CM}
University of Massachusetts Dartmouth
Dartmouth, MA

Sandra Smole, PhD
MA Dept. of Public Health
Bureau of Laboratory Sciences, Boston, MA

Marcia Walsh, PhD
Merrimack College
North Andover, MA

46th Annual Region I Meeting

8:00am – 12:00pm **SYMPOSIUM: HOSPITAL-ASSOCIATED INFECTIONS-** ***Clostridium difficile*** [Bostonian Room]

Convener: **Alfred DeMaria, Jr., MD**, Medical Director, Bureau of Infectious Disease, Prevention, Response and Services, State Epidemiologist, Massachusetts Department of Public Health, William A. Hinton State Laboratory Institute, Boston, MA

- ***Epidemiology of C. difficile Infection***
  Sherwood L. Gorbach, MD, Professor of Medicine, Immunology, Molecular Biology and Microbiology, Professor of Public Health and Family Medicine, Tufts University School of Medicine

- ***Diagnosing C. difficile***
  Stephen M. Brecher, PhD, Director of the Microbiology Laboratories, Boston VA Healthcare System, Assistant Professor, Pathology and Laboratory Medicine, Boston University School of Medicine

9:30am – 10:00am Break

- ***New Approaches to Treatment of C. difficile***
  J. Thomas T. Lamont, MD, Chief, Division of Gastroenterology, Beth Israel Deaconess Medical Center, Boston, Charlotte F. & Irving W. Rabb Professor of Medicine, Harvard Medical School

- ***Optimizing Environmental Hygiene: The Key to C. difficile Control***
  Philip C. Carling, MD, Professor of Clinical Medicine, Boston University School of Medicine, Director of Infectious Diseases and Hospital Epidemiologist, Carney Hospital, Boston

- ***Questions & Answers and Panel Discussion***

Upon completion of this session participants will be able to:

- Describe the epidemiology of *Clostridium difficile* infection as it relates to disease and virulence
- Discuss the current testing approaches to diagnosed *C. difficile* associated disease (CDAD)
- Explain the treatment approaches to CDAD
- Identify approaches to the environmental controls to prevent CDAD

7:00am - 3:00pm	**Registration [**Lobby, Upper Level]
7:00am – 11:00am	**Continental Breakfast** [Lobby, Upper Level]
10:00am – 6:15pm	**POSTERS on Display** [Ballroom Lobby]
12:00pm – 6:15pm	**EXHIBITS open**
12:00pm – 1:30pm	**LUNCH [**Ballroom, Upper Level]
5:30pm – 6:15pm	**Wine and Cheese Reception with the Exhibitors [**Ballroom]

9:00am - 12:00pm **SYMPOSIUM: FOOD MICROBIOLOGY ISSUES** [Mediterranean Room]

Convener: **Gregory V. Reppucci, MS**, Natural Sciences Dept., North Shore Community College, Danvers, MA

- ***Mediating the Switch from Sapotroph to Human Pathogen: Stress Response and Virulence in Listeria monocytogenes***
  Kathryn Boor, PhD, Ronald P. Lynch Dean, College of Agriculture and Life Sciences, Cornell University, Ithaca, NY (ASM Branch Lectureships Speaker, Sponsored by the New York City Branch)

- ***GIS Modeling of Pathogen Persistence and Transmission for Pre-Harvest Food Safety***
  Peter Berkholz, PhD, Department of Food Science, Cornell University, Ithaca, NY

- ***New Approaches to Food Safety Handling***
  Julie Goddard, PhD, University of Massachusetts, Department of Food Science, Amherst, MA

Upon completion of this session participants should be able to:

- Identify key genetic elements responsible for enabling *L. monocytogenes* to survive rapid and dramatic changes in environmental conditions and to cause human infection.
- Attendees will be introduced to current efforts to predict food safety risks on farm landscapes and will understand the utility of GIS for modeling foodborne pathogens in the environment.
- Describe one approach toward improving food safety in which a food processing surface can be modified to be rechargeably antimicrobial after rinsing with chlorine-based sanitizers.

8:00am - 12:00pm **SYMPOSIUM: TUBERCULOSIS DIAGNOSTICS: PRESENT AND FUTURE [**Cailey Room]

Convener: **Nira Pollock, MD, PhD, D(ABMM)**, Beth Israel Deaconess Medical Center, Boston, MA

- ***A Review of Tuberculosis Diagnostic Modalities; A National and International Perspective***
  Claudia Denkinger, MD, PhD¸ Beth Israel Deaconess Medical Center, Boston, MA

- ***Principles and the Use of MTDs and IGRAs***
  Tiffany G. Harris, PhD, MS, Office of Surveillance and Epidemiology, Bureau of TB Control, NYC DOHMH, Queens, New York

- ***TB Drug Resistance and Susceptibility Testing Methods***
  Alex Sloutsky, PhD, University of MA Medical School, Boston, MA

- ***Novel TB Diagnostics: Xpert MTB/RIF and the Diagnostic Development Pipeline***
  Elizabeth Talbot, MD, Dartmouth-Hitchcock Medical Center, Lebanon, NH (FIND)

Upon completion of this session participants should be able to:

- Better understand standard-of-care and state-of-the art TB diagnostics used in various health care settings, both national and international
- Understand performance characteristics and guidelines for use of the MTD and IGRA assays
- Understand the global challenge of TB drug resistance, current standards and methods for drug susceptibility testing, and challenges for this field
- Describe the performance characteristics of the new Xpert MTB/RIF assay, and aware of remaining TB diagnostic challenges and novel methods currently under development

1:30pm - 2:15pm **WELCOME and OPENING LECTURE** [BOSTONIAN ROOM]

Welcome: **James E. Kirby, MD, D(ABMM),** Medical Director Clinical Microbiology, Beth Israel Deaconess Medical Center, Boston, MA

Keynote Speaker: Microbial Ingenuity and the Challenge of Antimicrobial Resistance

David C. Hooper, MD, Chief, Infection Control Unit, Associate Chief, Division of Infectious Diseases, Massachusetts General Hospital, Professor of Medicine, Harvard Medical School, President, American Society for Microbiology

Dr. Hooper's laboratory studies the mechanisms and epidemiology of antibiotic resistance in bacteria with a major focus on the molecular determinants of quinolone action and resistance in *Staphylococcus aureus* and *Escherichia coli*. The work includes characterization of the regulation of expression, membrane topology, and structure-activity relationships of the NorA and related quinolone efflux transport proteins of *S. aureus*; genetic dissection of the roles of topoisomerase IV and DNA gyrase in DNA replication, in regulation of virulence gene expression, and as drug targets; epidemiologic analyses of quinolone resistance and factors determining rates of antibiotic resistance in hospitals; molecular determinants favoring clonal spread of vancomycin-resistant *Enterococcus faecium*; and role of perioperative antibiotic use in selection of resistant bacteria. (From MGH Website)

Upon completion of this session participants should be able to define the mechanisms of action of determinants of quinolone resistance and their clinical ramifications.

2:30pm – 5:30pm **SYMPOSIUM: HOSPITAL-ASSOCIATED INFECTIONS-Gram Negative Rods** [Bostonian Room]

Convener: **Alfred DeMaria, Jr., MD**, Medical Director, Bureau of Infectious Disease, Prevention, Response and Services, State Epidemiologist, Massachusetts Department of Public Health, William A. Hinton State Laboratory Institute, Boston, MA

- ***Current Antibiotic Treatment***
  David C. Hooper, MD, Chief, Infection Control Unit, Associate Chief, Division of Infectious Diseases, Massachusetts General Hospital, Professor of Medicine, Harvard Medical School

3:15pm – 3:45pm *Break*

- ***CLSI Recommendations for MDR GNOs***
  Mary Jane Ferraro, PhD, MPH, Director, Microbiology Laboratories, Massachusetts General Hospital, Professor of Pathology and Medicine, Harvard Medical School

- ***Control of MDR GNRs***
  Deborah S. Yokoe, MD, MPH, Hospital Epidemiologist, Brigham and Women's Hospital, Assistant Professor in Medicine, Harvard Medical School

- ***Questions and Answers and Panel Discussion***

Upon completion of this session participants should be able to:

- List current approaches to the treatment of infections due to multidrug-resistant gram-negative bacteria (MDR-GNBs)
- Describe testing algorithms appropriate for MDR-GNBs and how these have changed over time
- Discuss the healthcare epidemiology of MDR-GNBs and implications for their control

2:30pm - 5:30pm **SYMPOSIUM: NEW INSIGHTS in MARINE MICROBIOLOGY and the USE of MICROBES as an ENERGY SOURCE** [Mediterranean Room]

Convener: **Edward Carney, PhD**, Biology Dept., Norwich University, Northfield, VT

- ***What Microorganisms Can Tell Us About the Health and Ecology of Corals and Whales***
  Amy Apprill, PhD, Woods Hole Oceanographic Institution, Woods Hole, MA

- ***Shedding Light on the Dark: New Insights into Microbial Chemosynthesis at Deep-Sea Hydrothermal Vents***
  Stefan Sievert, PhD, Woods Hole Oceanographic Institution, Woods Hole, MA

- ***Powering Microbial Fuel Cells and Syntrophic Interactions by Microbial Extracellular Direct Electron Transfer***
  Ashley Franks, PhD, Assistant Professor, Geobacter Project, Department of Microbiology, University of Massachusetts Amherst, USA and Senior Lecturer, Department of Microbiology, La Trobe University, Melbourne, Australia

- 5:15-5:30pm: Round Table and Questions & Answers

Upon completion of this session participants should be able to:
- Recognize the diversity and importance of microorganisms to marine animals and understand different cultivation-independent strategies for exploring microbial diversity
- Better understand the complexity of microorganisms living at deep-sea hydrothermal vents
- Describe how microbially mediated direct extracellular electron transfer enables power production in microbial fuel cells

2:30pm –5:30pm **SYMPOSIUM: CREATING COMMUNITIES for IMMUNITY**
[Regis Room] Sponsored by the Connecticut Valley Branch

Convener**: Lisa A. Cuchara, PhD,** Quinnipiac University, Hamden, CT

- ***Creating Videos and Public Service Announcements as a Means of Promoting Student Engagement, Developing Critical Thinking Skills and Creating Citizen Scientists***
  Lisa A. Cuchara, PhD, Quinnipiac University, Hamden, CT

- ***Cases That Make You Think***
  This interactive presentation will use response systems (clickers) as a way to increase student engagement, stimulate higher-order cognitive skills and achieve greater student learning gains.
  Christian Eggers, PhD, Quinnipiac University, Hamden, CT

Upon completion of this session participants should be able to:
- Describe ways in which to implement the higher order objectives of Bloom's taxonomy (how to analyze and evaluate via the use of clickers, and via creating public service videos)
- Discuss how student engagement can be increased and higher order cognitive skills can be stimulated

5:30pm – 6:15pm **Wine and Cheese Reception with the Exhibitors** [Ballroom]

6:30pm - 9:30pm **EVENING DINNER –** [Cailey Room]

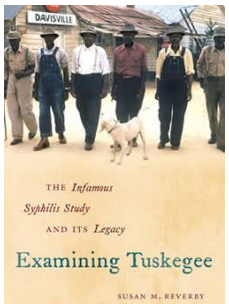
Dinner Speaker: ***Escaping Melodramas: Reflections on the U.S. Public Health Service Infamous Studies in Tuskegee and Guatemala***
Susan M. Reverby, PhD, Marion Butler McLean Professor in the History of Ideas and Professor of Women's and Gender Studies, Wellesley College, Wellesley, MA

Susan M. Reverby, historian of American women, medicine and nursing, received her B.S. degree from Cornell University in Industrial and Labor Relations, an M.A. from New York University, and a Ph.D. from Boston University in American Studies.

Susan M. Reverby's scholarship has appeared in a wide range of publications from scholarly journals to editorials in the popular press. Her work on the Tuskegee Syphilis Study has appeared in England in both the *Times Education Supplement* and in the *Postgraduate Medical Journa*l and in the ethics journal, *Hastings Center Report*, in the United States. She has spoken widely in the United States, Australia, Canada, and Sweden, on the history of gender, ethics and health care issues.

She has completed two books on what is referred to as the infamous "Tuskegee" Syphilis study (1932-72) that involved the United States Public Health Service and more than 600 African American men in Alabama. The men thought they were being "treated," not studied, for what they thought of as "bad blood." The study has become a central metaphor for distrust of the health care system and as the key example of unethical research. Please see the following website for more information: http://www.examiningtuskegee.com.

Susan M. Reverby's research on an immoral government medical study in Guatemala between 1946-48 in which men and women were intentionally infected with syphilis led to a U.S. government response and apology from President Obama to President Colom of Guatemala. The article was published in the Journal of Policy History in January 2011. (From the Wellesley College Website)



Upon completion of this session participants should be able to:

- Learn and describe what happened in the studies in Guatemala and Tuskegee
- Understand the limits of thinking about them in melodramatic terms
- Consider what we should be doing now to do ethical research and protect human subjects

VISIT THE EXHIBITS AND POSTERS

8:00am –12:00pm **SYMPOSIUM: INNOVATIVE DIAGNOSTICS: AN INDUSTRY PERSPECTIVE** Exhibitor Presentations **[**Bostonian Room]

Convener**: James E. Kirby, MD,** Director, Clinical Microbiology, BI Deaconess Medical Center, Boston, MA

- ***GNR Traffic Light PNA FISH: Rapid Identification of Gram-Negative Pathogens from Positive Blood Cultures.***
  William C. Harris, Global Product Manager, **AdvanDx, Inc.**

- ***Rapid Identification of Herpes Simplex Viruses 1/2 by Isothermal Amplification and a Disposable Detection Device***
  Huimin Kong, PhD, CEO, **BioHelix Corporation**

- ***MALDI Biotyper: A Revolutionary Breakthrough in Microbial Identification***
  Markita Weaver, MT(ASCP), MHA, Marketing Development Manager-MALDI Biotyper, **Bruker Daltonics, Inc**.

- ***Cepheid: A Better Way for Automating Molecular Diagnostics***
  Peter Carlson Molecular Program Specialist, **Cepheid**

- ***A New Technology for Rapid and Sensitive Detection of Microbes and Molecules***
  Don Straus, CEO, **First Light Biosciences**

- ***GenMark Dx: Multiplex Tests Deliver Personalized Results***
  Teena Dean, **GenMark Dx**

- ***The FilmArray RP – Easy, Fast, Comprehensive Respiratory Viral Testing***
  Wade Stevenson, **Idaho Technology Inc.**

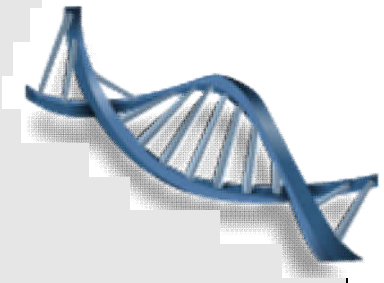
- ***IQuum: The Next Generation of Rapid Near-Patient Molecular Diagnostics***
  Lingjun Chen, Vice President, Business Development, **IQuum, Inc.**

- ***New Technologies from Siemens***
  Connie Laznovsky, NE Regional Sales Manager, Microbiology and Molecular, **Siemens Healthcare**

- ***Targeted Sequencing Assays for Rapid Identification of Multiple Pathogens***
  Matthew Lorence, PhD, MBA, SVP, Marketing, Sales and Business Development, **TessArae, Inc.**

[CMLE will not be given for this session]

7:00am - 10:00pm	**Registration** [Upper Lobby]
7:00am – 11:00am	**Continental Breakfast** [Lobby, Upper Level]
10:00am – 3:30pm	**EXHIBITS open** [Ballroom]
10:00am – 3:30pm	**POSTERS on Display** [Ballroom Lobby]
12:00pm–1:30pm	**LUNCH [**Ballroom, Upper Lobby**]**



8:00am –12:00pm **SYMPOSIUM: GLOBAL MICROBIOLOGY – CHALLENGES ABOUND!** [Mediterranean Room]

Conveners: **Frank J. Scarano, PhD**, Department of Medical Laboratory Science, University of Massachusetts Dartmouth, Dartmouth, MA
Catherine M. Brown, DVM, MSc, MPH, Massachusetts Department of Public Health, Boston, MA

- ***Building Microbiology Laboratory Capacity in Resource Limited Countries***
  Frances Ingersoll, MS, Director: Global Health Partnerships, Clinical and Laboratory Standards Institute, Wayne, PA
- ***"The Key to Quality." CSLI's Approach to Developing a Quality Management System in the Clinical Laboratory***
  Leonard LaFazia, MS, International Program Manager, Clinical and Laboratory Standards Institute, Wayne, PA
- ***Babesia and Blood Supply Safety***
  Bryan Spencer, Manager of Blood Research, American Red Cross-New England Region, Dedham, MA
- ***Update on the Ecology and Epidemiology of Anaplasma phagocytophilum and Babesia microti***
  S**am R. Telford III, MS, SD**, Professor, Tufts University-Cummings School of Veterinary Medicine, No. Grafton, MA

Upon completion of this session participants should be able to:

- Describe the typical laboratory conditions in resource limited countries that participate in the President's Emergency Plan for AIDS Relief (PEPFAR), summarize the plan to provide continuing education for laboratory technicians, technologists and managers being implemented in PEPFAR countries, and discuss the agencies at work and the volunteer opportunities available for making a difference in building sustainable laboratory capacity
- Define the 12 Quality System essentials; write a policy, process, and procedure; and name the essential components of a Quality Manual
- Describe risks posed by *Babesia* to the blood supply, ongoing hemovigilance efforts, and research efforts in developing new screening tests
- Have a new understanding of the ecology of *Anaplasma phagocytophilum* and *Babesia microti.*

1:30pm –4:30pm **SYMPOSIUM: EVOLVING TECHNOLOGIES for PATHOGEN DETECTION** [Bostonian Room]

Conveners**: Sandra Smole, PhD**, Division Director, Molecular Diagnostics and Virology, Bureau of Laboratory Sciences, Massachusetts Dept. of Public Health, Boston, MA
Nancy S. Miller, MD, Director of Clinical Microbiology & Molecular Diagnostics, Boston Medical Center, Boston, MA

- ***"Culture Shock!" The Shift to New Technologies for In-Vitro Diagnostics in Clinical Microbiology***
  Nancy S. Miller, MD, Director of Clinical Microbiology & Molecular Diagnostics, Boston Medical Center, Boston, MA

- ***Point-Of-Care Molecular Detection of Influenza A Infection in Human Respiratory Specimens***
  Catherine Klapperich, PhD, Associate Professor, Boston University, Boston, MA

- ***Public Health Diagnostics: Evolving to meet State/National Needs***
  Sandra Smole, PhD, Division Director, Molecular Diagnostics and Virology, Bureau of Laboratory Sciences, Massachusetts Dept. of Public Health, Boston, MA

Upon completion of this session participants should be able to:
- Identify factors that have prompted development of new diagnostic methods
- Describe some new technologies in use or in development
- List considerations for using new and emerging technologies

1:30pm –4:30pm **SYMPOSIUM: HOST-PATHOGEN INTERACTIONS [**Bostonian Room]
Sponsored by the Eastern New York Branch

Convener**: Timothy J. Sellati, PhD**, Associate Professor, Center for Immunology and Microbial Disease, Albany Medical College, Albany, NY

- ***Scavenger Receptors and Innate Immunity to Fungal Pathogens***
  Terry Means, PhD, Assistant Professor in Medicine, Massachusetts General Hospital, Boston, MA

- ***NLRP12, Inflammasomes and Recognition of Yersinia pestis***
  Egil Lien, PhD, University of Massachusetts Medical School, Worcester, MA

- ***Efferocytosis: A New Mechanisms of Innate Antibacterial Defense***
  Samuel M. Behar, MD, PhD, Associate Professor, Harvard Medical School, Brigham and Women's Hospital, Boston, MA

- ***Identification of Small-Molecule Inhibitors of Ricin and Shiga Toxin Using a Cell-Based High-Throughput Screen***
  Paul G. Wahome, PhD, Research Affiliate, Wadsworth Center/Health Research Institute, Albany, New York

Upon completion of this session participants should be able to:
- Better understand the role of pathogen-sensing by the innate immune system
- Understand mechanisms used by *Yersinia pestis* to minimize host innate immune responses to infection"
- Describe the intracellular lifestyle of *M. tuberculosis*, understand the role of cell death in innate immunity to the organism, and define efferocytosis
- Describe how ricin and shiga toxin inhibitors can be identified

3:00pm–3:30pm **REFRESHMENTS will be served in the Mediterranean Room Lobby**

Accommodations – 46th Annual Region I Meeting
October 26 & 27, 2011
at
The Lantana, Scanlon Drive, Randolph, MA

A block of rooms at the nearby Comfort Inn adjacent to the Lantana function facility has been reserved for this meeting. Please make your own reservations directly with the hotel and ask for the Northeast Branch of the American Society for Microbiology block of reservations.

Prices will be effective until October 4, 2011.

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

Ask for the: Northeast Branch, American Society for Microbiology reservations
Rates: $ 99.00 / night + 11.78% tax
Parking: No charge

Directions:

From Rhode Island and Points South: Take I-95 North to I-93. Take Exit 5A, and the hotel is on your right

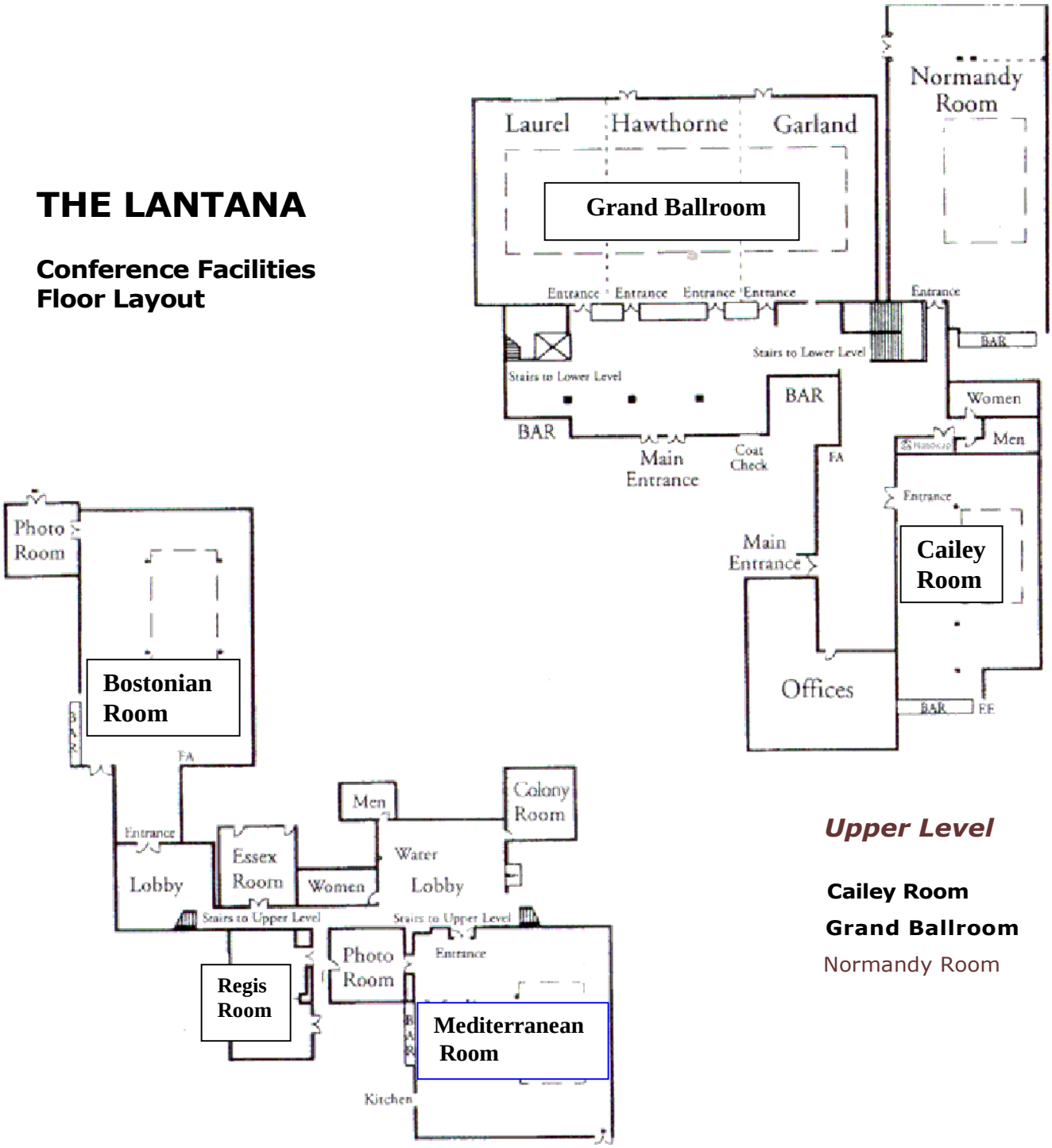
From Boston and Points North: Take I-93 South to Exit 5A. The hotel is on your right.

From the Mass Turnpike and Points West: I-90 East to Exit 14, Route 128/95 South. Take I-93 North to Exit 5A and the hotel is on your right.

From Cape Cod and Points East: Take Route 3 North to I-93 South. Take exit 5A and the hotel is on your right.

THE LANTANA

Conference Facilities
Floor Layout



Upper Level

Cailey Room

Grand Ballroom

Normandy Room

Lower Level

Bostonian Room

Bostonian Photo Room

Colony Room

Essex Room

Mediterranean Room

Mediterranean Photo Room

Regis Room

46th Annual Region I Meeting

We thank the following exhibitors and sponsors for their generous support

WINE & CHEESE RECEPTION WITH THE EXHIBITORS
Wednesday, October 26, 2011 from 5:30-6:15pm

Gold Sponsors

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MEETING NOTES

REGION I MEETING PROGRAM SCHEDULE OCTOBER 26-27, 2011

WEDNESDAY-10/26/11		*THURSDAY-10/27/11*	
7:00am-3:00pm	Registration **Ballroom Lobby**	7:00am-10:00am	Registration **Ballroom Lobby**
7:00am-11:00am	CONTINENTAL BREAKFAST and Morning Breaks **Ballroom Lobby**	7:00am-11:00am	CONTINENTAL BREAKFAST and Morning Breaks **Ballroom Lobby**
8:00am-12:00pm	Healthcare-Associated Infections – *C. difficile* **Bostonian Room**	8:00am-12:00pm	Innovative Diagnostics – An Industry Perspective **Bostonian Room**
9:00am-12:00pm	Food Microbiology Issues **Mediterranean Room**	8:00am-12:00pm	Global Microbiology – Challenges Abound! **Mediterranean Room**
8:00am-12:00pm	Tuberculosis Diagnostics: Present and Future **Cailey Room**	10:00am-3:30pm	EXHIBITS open **Main Ballroom**
10:00am-6:15pm	POSTERS on Display **Ballroom Lobby**	10:00am-3:30pm	POSTERS on Display **Ballroom Lobby**
12:00pm-6:15PM	EXHIBITS open **Main Ballroom**	12:00pm-1:30pm	LUNCH **Main Ballroom**
12:00pm-1:30pm	LUNCH **Main Ballroom**		
1:30pm-2:15pm	Opening Plenary: ASM President David C. Hooper **Bostonian Room**	1:30pm-4:30pm	Evolving Technologies for Pathogen Detection **Bostonian Room**
2:30pm-5:30pm	Healthcare-Associated Infections – Gram Negative Rods (GNR) **Bostonian Room**	1:30pm-4:30pm	Host-Pathogen Interactions (Sponsored by the ENY Branch) **Mediterranean Room**
2:30pm-5:30pm	New Insights in Marine Microbiology and the Use of Microbes as An Energy Source **Mediterranean Room**	3:00pm-3:30pm	Refreshments
2:30pm-5:30pm	Creating Communities for Immunity (Sponsored by the CT Valley Branch) **Regis Room**	3:30pm	Exhibits and Posters Close
5:30pm-6:15pm	Wine and Cheese RECEPTION with the EXHIBITORS POSTERS-Authors in Attendance **Main Ballroom**		
6:30pm-9:30pm	EVENING DINNER and SPEAKER Susan M. Reverby, PhD, **CaileyRoom**		

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 NOT be given for Innovative Diagnostics-An Industry Perspective.]