A global leader in healthcare, Roche Diagnostics offers a comprehensive molecular IVD portfolio with applications in HAIs, virology, women’s health, blood screening, genomics and oncology.

We are committed to working with our lab and clinician partners to help improve the management of disease, one patient at a time.

Visit us at booth #841 to see how together, we can change molecular testing.
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@ASMicrobiology  
#ASMMicrobe2016  
linkedin.com/company/45861  
instagram.com/asmicrobiology  
youtube.com/user/MicrobeWorld
Dear participants,

It is my pleasure to welcome you to Boston for the inaugural ASM Microbe 2016 meeting. ASM is unique because it is like a “big tent” that brings together the breadth and depth of the microbial sciences in one organization. This meeting, integrating ASM’s General Meeting and ICAAC, showcases the best microbial sciences in the world and provides a one-of-a-kind forum to explore the complete spectrum of microbiology from basic science to translation and application. It is THE place where we can see the big tent idea realized.

The ASM Microbe 2016 Program Committee has worked diligently to ensure that this meeting meets your expectations of ASM’s General Meeting and ICAAC, while providing you with ample opportunities to stay up-to-date in your areas of expertise, and challenging you to explore cross-cutting implications of world-class research.

I invite you to join me on Thursday, June 16, at 5:00 p.m. as we hold our Keynote Opening Session featuring Bill Gates, Co-Chair of the Bill & Melinda Gates Foundation and business leader. This session, “A Conversation with Bill Gates: Bringing the Frontiers of Science to the Front Lines of Development,” features an interview-style format that will explore the state of global health and the importance of microbial sciences in basic and translational research to foster transformative innovations. Richard Besser, Chief Health and Medical Editor at ABC News will lead the interview and moderate questions from the audience.

In addition to this dynamic Opening Session, I encourage you to attend the President’s Forum, where Marilyn J. Roossinck and Herbert W. Virgin IV will discuss “Viruses: Vital Members of Polymicrobial Communities.” Prior to these talks, Stefano Bertuzzi, ASM CEO, and I will present the State of the Society. Please join us to learn about all the exciting changes happening at ASM.

I’m truly excited about this meeting, and I have to express my sincere gratitude to Nicole Dubilier and David Relman, Chair and Vice-Chair of the General Meeting Program Committee; Robin Patel and David M. Aronoff, Chair and Vice-Chair of the ICAAC Program Committee; as well as all of the program committee members (including the members of the Profession of Microbiology Committee) for their outstanding work in developing such a world-class program.

I hope you leave this meeting with new connections, a wealth of knowledge and renewed inspiration for your work and the industry. I look forward to meeting you here in person.

Sincerely,

Lynn Enquist
ASM President

ASM Officers

Lynn W. Enquist
ASM President
Susan E. Sharp
ASM President-Elect
Timothy Donohue
ASM Past President
Joseph M. Campos
Secretary
James M. Tiedje
Treasurer
WELCOME!

On behalf of the program committees for ASM Microbe 2016, it is our pleasure to welcome you to Boston, a city rich in history and known as a cultural center for education, art, and world-class cuisine, as well as scientific and medical innovations.

We are thrilled to be in Boston to present the inaugural ASM Microbe 2016, an unparalleled meeting exploring microbiology from basic science to translational, applied, and clinical research. ASM Microbe 2016 will offer a wide range of sessions featuring leading edge science in microbiology and many new and exciting features and activities throughout the meeting.

This year, the Meeting’s scientific sessions and posters are organized under seven tracks. The six scientific tracks include the science and topics traditionally covered at the General Meeting and ICAAC. The seventh track, Profession of Microbiology, encompasses non-scientific programming, such as funding, professional and career development and the history of science.

Basic session details are included in this Final Program with more in-depth information provided in the ASM events mobile app as well as the Online Program Planner. Search “ASM events” in Apple App store or Google Play store to download the app! You can also locate the Online Program Planner and app via the meeting website, www.asm.org/microbe2016.

The Meeting officially begins on Thursday evening, June 16, with the Opening Keynote Session featuring Bill Gates in an interview with Richard Besser, Chief Health and Medical Editor, ABC News. This session promises to provide a probing discussion of compelling scientific and social issues to kick off ASM Microbe 2016, and it is one you don’t want to miss!

You are encouraged to attend the unopposed General Sessions and listen to some of the most distinguished scientists in our community, and to select from a diverse offering of workshops and sessions that include oral abstract presenters, distinguished track and award lecturers, young investigators, and internationally recognized experts from around the world.

This year, you’ll find posters and exhibits fully integrated in the Exhibit and Poster Hall, and you’ll also find unique learning and networking opportunities in the newly offered Peer-to-Peer Exchange Zone, Speaker Connection Zone, and Professional Development Zone. Please review the Exhibit and Poster Hall Activity Guide for details on all of the programming and activities taking place on the show floor. Wellness activities and art are also featured at ASM Microbe 2016 so be sure to round out your science with some yoga or pilates and visit the Art Walk to see original, microbiology-related artwork by select artists. We hope that these new features will add value to your overall meeting experience.

The Program Committees welcome your feedback regarding all aspects of the meeting. It is the first time that General Meeting and ICAAC will convene together and we have added many new elements to enhance your experience – and it is up to you to let us know what worked. You can provide your feedback via the attendee survey which can be accessed on the ASM events app or in the email that you will receive after the meeting, or share your thoughts with any committee member or ASM staff person. Your feedback is vital to the preparations for future ASM Microbe meetings.

ASM Microbe 2016 will deliver fresh topics and cutting-edge science to prepare us for the next-generation of microbiology and the microbial sciences. It is through an exchange of our multidisciplinary research that we can meet the exciting challenges, breakthroughs, and advancements in our fields. We sincerely thank you for your continuing commitment to our Society and welcome you to ASM Microbe 2016. Enjoy the meeting and enjoy your time in Boston.

Nicole Dubilier, Ph.D.
Chair, General Meeting Program Committee

Robin Patel, M.D.
Chair, ICAAC Program Committee
ASM Microbe 2016 Program Committee

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Steering Committee Chair
Nicole Dubilier
General Meeting Chair
David Relman
General Meeting Vice-Chair
Arturo Casadevall
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Ex Officio:
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Program Committee
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General Meeting Vice-Chair
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Lucia Rothman-Denes
Ned Ruby
Tom Schmidt
Ashley Shade
Amy Vollmer
Rachel Whitaker
Christine White-Ziegler
Susanne Zanto

ICAAC 2016
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ICAAC Vice-Chair
Committee Members
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Helen W. Boucher
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Alessandra Carattoli
Karen C. Carroll
Oliver A. Cornely
Alexander Yaw Debrah
Vincent C. Emery
Jose M. Gatell
Stephan Harbarth
Gabriel Levy Hara
Penny M. Heaton
Loreen Herwaldt
Po-Ren Hsueh
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James W. Kazura
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Manjunath (Amit) Pai
Thomas Parr
David Paterson
Laurent Poirel
Céline Pulcini
Jesús Rodriguez-Baño
Paul M. Sullam
Lucia M. Teixeira
Elaine Tuomanen

2016 Profession of Microbiology
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Neil Baker
Education Board Past Chair
Mary Lanier Sanchez
Education Board Chair
Victor DiRita
Membership Board Chair
Steven Specter
International Board Chair
Ronald Atlas
PSAB Board Chair
Vincent Racaniello
Communication Committee Chair
Jennifer Gardy
Filipa Godoy-Vitorino
ASM Microbe 2016 Supporters

The American Society for Microbiology would like to recognize the following companies for their support of the inaugural ASM Microbe 2016. On behalf of our leadership and our members, we thank them for their continued support and generous contributions.

PLATINUM SUPPORTERS

- HOLOGIC®
- MERCK
- Roche

Booth 615
Booth 1400
Booth 841

GOLD SUPPORTERS

- ACCELERATE DIAGNOSTICS
- Allergan

Booth 2204
Booth 1436
Booth 1819

SILVER SUPPORTERS

- BIOFIRE

A BIORÉSEUX COMPANY

Booth 1830

ASM also thanks the following contributors for their support:

- 3M Health Care
- Bill & Melinda Gates Foundation
- Spiff

Bill & Melinda Gates Foundation
General Information

Registration
Registration is located in the North Lobby of the Boston Convention and Exhibition Center (BCEC).

REGISTRATION HOURS
Thursday, June 16 ......................... 6:30 a.m. – 12:00 p.m. (Workshop Registration Only)
......................... 12:00 p.m. – 7:00 p.m. (Meeting Registration Open)
Friday, June 17 ......................... 6:00 a.m. – 6:00 p.m.
Saturday, June 18 ..................... 6:00 a.m. – 6:00 p.m.
Sunday, June 19 ....................... 6:00 a.m. – 6:00 p.m.
Monday, June 20 ....................... 6:00 a.m. – 6:00 p.m.

GROUP REGISTRATION
Wednesday, June 15 .................. 8:00 a.m. – 5:00 p.m.
Thursday, June 16 ..................... 6:30 a.m. – 7:00 p.m.
Friday, June 17 ......................... 6:00 a.m. – 6:00 p.m.
Saturday, June 18 ..................... 6:00 a.m. – 3:30 p.m.

Satellite Registration is located in the Lobby of the Seaport Boston Hotel and Atlantic Pre-Function of the Renaissance Boston Waterfront Hotel for pre-registered attendees only.

SATELLITE REGISTRATION HOURS
Thursday, June 16 ......................... 6:30 a.m. – 5:00 p.m.
Friday, June 17 ......................... 6:45 a.m. – 5:00 p.m.
Saturday, June 18 ..................... 6:45 a.m. – 5:00 p.m.

Information Booth
Information Booth is located in the North Lobby of the BCEC.

HOURS
Thursday, June 16 ......................... 6:00 a.m. – 7:00 p.m.
Friday, June 17 ......................... 6:00 a.m. – 7:00 p.m.
Saturday, June 18 ..................... 6:00 a.m. – 5:30 p.m.
Sunday, June 19 ....................... 6:00 a.m. – 6:45 p.m.
Monday, June 20 ....................... 6:00 a.m. – 5:30 p.m.

Mobile App Support
Mobile App Support desk is located in the North Lobby of the BCEC.

HOURS
Thursday, June 16 ......................... 6:00 a.m. – 7:00 p.m.
Friday, June 17 ......................... 6:00 a.m. – 6:00 p.m.
Saturday, June 18 ..................... 6:00 a.m. – 6:00 p.m.
Sunday, June 19 ....................... 6:00 a.m. – 6:00 p.m.

Dining
Food outlets will be located throughout the ASM Microbe 2016 campus for purchase of meals and snacks June 16–20. The Boston Convention and Exposition Center offers concessions outlets with breakfast and lunch options located throughout the center, including inside the Exhibit and Poster Hall. Dining outlets are also available at the Renaissance, Seaport Hotel and World Trade Center, and Westin.

Make sure to stop by the American Society for Microbiology (ASM) booth #1040 to learn more about the products and services offered by ASM!

Explore the Exhibit Hall for a Chance to Win Prizes!

The Exhibit Hall Passport offers you the opportunity to win prizes while touring the latest products and services presented by ASM Microbe 2016 exhibitors. See Exhibit and Poster Hall Activity Guide for the Passport and instructions.

Don’t miss this great opportunity to win one of the following prizes:

- Registration to ASM Microbe 2017
- Apple TV
- Amazon Echo
- JBL Bluetooth Wireless Speakers
- Gift Certificate to ASM Press
Exhibit and Poster Hall
Make the integrated Exhibit and Poster Hall part of your meeting! Browse through posters, interact with exhibitors, and participate in engaging, fun activities such as Peer-to-Peer Exchange sessions, informal conversations with speakers, Career Talks, wellness activities, and Poster Walks. There is plenty to see and to do on the show floor! See Exhibit and Poster Hall Activity Guide for details.

EXHIBIT AND POSTER VIEWING HOURS
Friday, June 17 ......................................8:00 a.m. – 3:00 p.m.
Saturday, June 18 ..................................8:00 a.m. – 3:00 p.m.
Sunday, June 19 ....................................8:00 a.m. – 3:00 p.m.
Monday, June 20 ....................................8:00 a.m. – 3:00 p.m.

POSTER PRESENTATION HOURS
Friday, June 17 .................................12:30 p.m. – 2:30 p.m.
Saturday, June 18 ..............................12:45 p.m. – 2:45 p.m.
Sunday, June 19 ................................12:30 p.m. – 2:30 p.m.
Monday, June 20 .................................12:30 p.m. – 1:30 p.m.

Poster Presenter Access Hours
Poster presenters must have their letter and meeting badge to enter the Exhibit and Poster Hall during the designated poster set up and dismantle times. After set up and removal of posters, presenters may not remain in the Hall during closed hours.

SET UP TIME: Between 6:30 a.m. – 8:00 a.m. on the day that you present.

POSTER REMOVAL: Between 3:00 p.m. – 4:30 p.m. on Friday through Sunday, and between 2:30 p.m. – 3:00 p.m. on Monday.

iPosters™
Supported by a grant from

MERCK

Take a closer look at iPosters ASM Microbe 2016 online collection! Included posters contain all of the text, charts, and graphs just as they were presented. Registered meeting attendees can view iPosters onsite at the computer station (located in BCEC, Exhibit and Poster Hall, Halls A and B) during the meeting, or for one year following the meeting via asm.posterview.com. Log into the online program using your meeting registration ID.

Poster Walks
Led by conveners in the field, these topic-based walks will browse the Exhibit and Poster Hall while discussing the most intriguing posters and latest discoveries from particular areas of interest. Interested attendees should meet in the Exhibit and Poster Hall by the Poster Walk sign. For Poster Walk Schedule, see Exhibit and Poster Hall Activity Guide, page 8 and page 23.
Badge Policies
All badges must be picked up at Registration. Photo ID is required. For security reasons, all attendees are required to wear their badge for entry into session rooms. It is your responsibility to ensure that you have your badge at all times. There is a charge of $100 for badge replacement. No exceptions will be made. Please note that badges are the property of ASM and must be relinquished at any time at the request of ASM staff.

ATTENDEE BADGES
- Access into all scientific sessions
- Access to the Opening Reception
- Access to the Exhibit Hall and Poster Sessions
- Unlimited use of the courtesy shuttle
- Continuing education credit

GUEST BADGES
- Access to the Exhibit Hall and Poster Sessions
- Unlimited use of the courtesy shuttle
- May attend the Opening Session and Reception
- Attendees wearing guest badges will not be permitted into scientific session rooms

ONE-DAY BADGES
- Access into all scientific sessions for the day printed on badge
- Access to the Exhibit Hall and Poster Sessions
- Unlimited use of the courtesy shuttle

EXHIBITOR BADGES
- Entrance into the Exhibit and Poster Hall during installation and dismantling hours
- Entrance into the Hall two hours before the Hall opens on Friday and one hour before it opens on Saturday – Monday
- Exhibitors may remain in the Hall one hour after it closes.
- Unlimited use of the courtesy shuttle
- Attendees wearing exhibitor badges will not be permitted into scientific session rooms

EXHIBITOR ATTENDEE BADGES
- Access into all scientific sessions
- Entrance into the Exhibit Hall during installation and dismantling hours with Early Access Ticket
- Entrance into the Hall before opening and after closing will be allowed with Early Access Ticket
- Unlimited use of the courtesy shuttle

PRESS BADGES
- Access into all scientific sessions
- Access to the Exhibit Hall and Poster Sessions
- Unlimited use of the courtesy shuttle
- Members of the press must register for the meeting and pay the appropriate registration fee to receive continuing education credit

EXHIBIT HALL ONLY BADGES
- Access to the Exhibit and Poster Hall for the day printed on badge
- Access to the Opening Session
- Attendees wearing Exhibit Hall only badges will not be permitted into the Opening Reception or scientific session rooms

Exhibitor and Exhibitor Attendee Badges
MEETING ATTENDEES
See cutting-edge research across all seven tracks while you are in Boston, MA and long after the meeting is over.

View iPosters Interactive Poster Hall during ASM Microbe 2016 in the Exhibit and Poster Hall, Halls A and B of the Boston Convention and Exhibition Center, or view iPosters anytime online at asm.posterview.com. Log into the online program using your meeting registration ID.

POSTER PRESENTERS
Don’t miss your chance to include your research in iPosters ASM Microbe 2016 online collection. Submission is FREE! Simply bring your poster in electronic format to the iPosters kiosks located in the Exhibit and Poster Hall OR email your poster file to iPosters@learnersdigest.com before July 14, 2016.

iPosters can be viewed at asm.posterview.com.

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Microbiology is a free, peer-reviewed, openly licensed introductory textbook produced through a collaborative publishing agreement between OpenStax and the American Society for Microbiology.

OpenStax is Rice University’s free textbook initiative. The growing OpenStax library includes Microbiology and 17 other core college courses.

Visit us online at openstax.org or contact us at info@openstax.org for information.
Lost and Found
Unattended personal belongings will be removed and taken to the On-site Registration Counter. Anything remaining in Lost and Found at the end of the meeting on June 20 will be turned in to the convention center.

First Aid
A First Aid Station located in Meeting Room 107A of the BCEC will be staffed during meeting hours. If you feel ill or need a place to lie down, go to the First Aid Station. In case of a medical emergency, please dial 2222 from any house phone or +1 (617) 954-2222 from your mobile phone.

Housing
Any changes to hotel reservations should be made directly with the hotel. If you have any problems with your reservation or need to change hotels, please visit the Housing Assistance Counter located at On-site Registration in the North Lobby of the BCEC.

Press Room
A full press room with workstations, tip sheets, press releases, and media kits for registered reporters is located Meeting Room 151A of the BCEC.

HOURS:
Thursday, June 16 ..................................12:00 p.m. – 5:00 p.m.
Friday, June 17 ......................................7:30 a.m. – 5:00 p.m.
Saturday, June 18 ..................................7:30 a.m. – 5:00 p.m.
Sunday, June 19 .....................................7:30 a.m. – 5:00 p.m.
Monday, June 20 ...................................7:30 a.m. – 12:00 p.m.

Prayer Room
A Prayer Room is available for use during the meeting. Visit the ASM Information Booth in the North Lobby of the BCEC for additional information.

Childcare Services
Tots on the Spot will provide childcare during the meeting. For more information, stop by the ASM Information booth in North Lobby of the BCEC.

Coat and Baggage Check
A coat and baggage check is located at the BCEC in Meeting Room 106 and East Lobby Exhibit Level.

HOURS:
Thursday, June 16 ..................................6:30 a.m. – 6:30 p.m.
Friday, June 17 ......................................6:00 a.m. – 7:30 p.m.
Saturday, June 18 ..................................6:00 a.m. – 5:30 p.m.
Sunday, June 19 .....................................6:00 a.m. – 6:45 p.m.
Monday, June 20 ...................................6:00 a.m. – 5:30 p.m.

Please note: The Opening Keynote Session will have increased security, and bags are restricted to 12” x 12” x 6”. Please check any larger bags prior to the session. ASM Microbe 2016 registration bags will be allowed into session.

Cameras and Recording
Audio/video recorders, cameras, and phone/tablet photography are not allowed in session rooms or in the exhibit and poster areas.
Certificate of Attendance (COA)
Certificates of Attendance will be available online beginning Saturday, June 18. Certificates of Attendance may be printed on-site or emailed. Badge ID will be needed to log in and request a COA. Go to https://ceu.experientevent.com/ASM161.

Session Capture
Browse audio-synched slides from ASM Microbe 2016 throughout the year. Purchase before June 24 and save! To take advantage of the reduced rates, log into www.asmeventsonline.com if you have an existing account. Instructions for new users will be sent to attendees by email.

Please note: Session recordings do not include the workshop program, and participation of all speakers is subject to their approval. Sessions will be available beginning June 28, 2016.

Shipping
If you need to have a package shipped from Boston, please visit your hotel’s business center or the FedEx Office in the BCEC (Northwest Corner Pre-function of Level 1).

ASM Microbe 2016 ONLINE
Browse audio-synched slides from ASM Microbe 2016 throughout the year. Purchase before June 24 and save!

<table>
<thead>
<tr>
<th>Packages</th>
<th>Regular Attendee</th>
<th>Student/Postdoc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track package</td>
<td>$159</td>
<td>$99</td>
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<tr>
<td>Full package</td>
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Regular Rates (after June 24)

<table>
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<th>Packages</th>
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<td>Track package</td>
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</tr>
<tr>
<td>Full package</td>
<td>$449</td>
</tr>
</tbody>
</table>

To take advantage of the reduced rates, log into ASM Events Online if you have an existing account. Instructions for new users will be sent to attendees by email.

www.asmeventsonline.com
ASM Microbe 2016 Quick Guide

Bringing ASM’s General Meeting and ICAAC under one roof, the all-new ASM Microbe 2016 offers abundant learning and networking opportunities to help you stay current and connected. What are the important things you need to know to make the most of this meeting?

Venues
ASM Microbe 2016 sessions, posters, exhibits, and events will take place at these venues: Boston Convention and Exhibition Center (BCEC), Seaport Boston Hotel & World Trade Center (WTC), Westin Boston Waterfront (Westin), and Renaissance Boston Waterfront Hotel (Renaissance). Campus map is available on page 57. There is also a pocket map enclosed in your registration package. Need a lift? Enjoy a free ride with Boston Pedicabs around the meeting campus, or ride with Uber with special discounts (see page 71 for details).

Mobile App
We are going green! This Final Program only contains essential meeting information. To view abstract and session details, visit the Online Program Planner at www.asm.org/microbe2016, or download the ASM events mobile app. A PDF version of the abstracts is also available on the meeting website at www.asm.org/microbe2016 and on the iPosters™ website at asm.posterview.com.

You can use the app to create your meeting schedule; browse or search sessions, speakers, posters and abstracts; locate exhibitors; and more. To download the app, search for ASM events in the Apple App Store or Google Play Store, or scan the QR code below.

Tracks and Acronyms
Programming and posters for ASM Microbe 2016 are organized under seven tracks, and there are acronyms associated with each track:

- **AES**  Applied and Environmental Science
- **CSE**  Clinical Science and Epidemiology
- **EES**  Ecological and Evolutionary Science
- **HMB**  Host-Microbe Biology
- **MBP**  Molecular Biology and Physiology
- **TAP**  Therapeutics and Prevention
- **POM**  Profession of Microbiology

Track legend can be found throughout the Final Program.
ASM Microbe 2016 Activities

ASM SCIENTIFIC SESSIONS AND ACTIVITIES
More than 200 scientific sessions and more than 25 courses/workshops are available for you to choose from. You can also attend short, informal sessions to learn the latest developments in the field at the Scientific Track Hubs located throughout the BCEC, learn the basics of Wikipedia editing and help improve the quality of microbiology content at Wikipedia Year of Science 2016 Edit-a-Thon in the BCEC (see page 47 for details), or participate in the Peer-to-Peer Exchange Zone and Speaker Connection Zone in the Exhibit and Poster Hall to have informal discussions with your peers and session speakers.

POSTERS
Visit the integrated Exhibit and Poster Hall to check out the innovative research from your peers. There are more than 3,300 posters featured at this year’s meeting! Discuss with poster presenters their research findings during the dedicated Poster Presentation time, participate in the topic-based Poster Walks to discuss the most intriguing posters and latest discoveries from particular areas of interest, and view the iPosters™ (Supported by Merck & Company). The iPosters ASM Microbe 2016 online collection can be found at the iPoster computer station in the Exhibit and Poster Hall or online up to one year after the meeting. For more information, see Exhibit and Poster Hall Activity Guide, page 4 and page 22.

EXHIBITS
Meet over 250 exhibitors and check out the latest products and services in the market. Make sure to stop by ASM booth #1040 to learn the valuable resources ASM offers, get more involved with the society, purchase ASM books and ASM-logoed items, meet the author during book signings, and more. Don’t forget to participate in the Exhibit Hall Passport game to win various prizes! For a list of exhibitors and a map of the Exhibit and Poster Hall, see Exhibit and Poster Hall Activity Guide.

PROFESSIONAL DEVELOPMENT – NEW!
Wondering what career is right for you? Don’t miss the Career Talks offered each day in the Professional Development Zone in the Exhibit and Poster Hall. These informal, interactive sessions will feature microbiologists from a wide variety of careers sharing information on what they do and what you can do to join their field. There are also a variety of sessions and workshops throughout the meeting within the Profession of Microbiology track, a Student and Postdoc Lounge (in Meeting Room 105 of the BCEC), and a Graduate School Recruitment Event on Friday, June 17, at 1:45 p.m. in the Peer-to-Peer Exchange Zone on the Exhibit and Poster Hall floor.

INDUSTRY & SCIENCE ACTIVITIES
Hosted by ASM Microbe 2016 exhibitors, these educational events are intended to complement the official ASM Microbe program and enrich the attendee experience.

Industry & Science Courses will be held the morning of Friday, June 17 at the Renaissance Hotel. No registration fee is required to attend the activity, but space is limited to the first 100 attendees. Industry & Science Symposia will be held each evening of ASM Microbe 2016 at nearby hotels and the Boston Convention and Exhibition Center. These events can cover one or several topics, and may offer continuing education credits. Industry & Science Showcases will be held on the Exhibit and Poster Hall floor during various times throughout the course of the day. Each showcase is limited to 45-minutes and will feature product demonstrations and/or education about a company’s products and services. See page 34 of the Exhibit and Poster Hall Activity Guide for complete details on the Industry & Science Activities being presented this year.

NETWORKING & CONNECT – NEW!
There are plenty of opportunities for you to network with peers and build professional connections. Catch up with old friends and meet new ones during the refreshment breaks and receptions. Exchange ideas with others in the Peer-to-Peer Exchange Zone in the Exhibit and Poster Hall or at the Scientific Track Hubs at the BCEC. You can also connect with other attendees directly through the ASM events mobile app.

WELLNESS ACTIVITIES – NEW!
It is important to take time out of your busy meeting schedule to focus on your well-being. Stop by the Wellness Zone in the Exhibit and Poster Hall for some quick stretching or seated exercises. While walking around the meeting campus, track your steps and participate in the ASM Microbe 2016 Step Challenge for a chance to win prizes. You can also join the complimentary Vinyasa Yoga Flow and Pilates Remix classes provided by DanceFIT Studio. See page 56 for details.

ART & HISTORY – NEW!
Using microbes as the paint and agar as the canvas, many ASM members competed in the 2015 and 2016 Agar Art Contest. Take a closer look at the winning pieces in the ASM Microbe 2016 Art Walk located in the BCEC on Level 2. You can also explore the field’s history at the Center for the History of Microbiology/ASM Archives (CHOMA) Exhibit on Level 1 of the BCEC, or take the Art Walk in the Exhibit and Poster Hall to visit the booths of select artists.

BUSINESS MEETINGS
More than 40 business meetings and division meetings will take place at ASM Microbe 2016. These meetings are listed in the daily schedule.

WORK HUB
Looking for a place to do some work? We know the work doesn’t stop when you are out of the office. Stop by the Work Hub (BCEC, Level 2, Southeast Lobby) to plug in and get the work done if necessary.
Upcoming ASM Meetings

ASM Biothreats Conference: Research, Response and Policy
February 6–8, 2017 | Washington, DC
This premier event focuses on the collaborative efforts to manage biothreat agents, pathogens, and global surveillance.

33rd Clinical Virology Symposium
May 7–10, 2017 | Savannah, Georgia
This international symposium delves into the relationship between rapid viral diagnosis, clinical course of viral infections, and preventive and therapeutic modalities for viral infections.

ASM Microbe 2017
June 1–5, 2017 | New Orleans, Louisiana
Integrating ASM’s General Meeting and ICAAC, this unmatched meeting showcases the best microbial sciences in the world, and explores the complete spectrum of microbiology.

Upcoming ASM Conferences
Tentative scheduling of 2017 ASM Conferences is listed below. See the ASM Conferences website for confirmed dates and locations. www.asm.org/conferences

ASM Conference on Streptococcal Genetics
July 31–August 3, 2016 | Washington, DC

2nd ASM Conference on Experimental Microbial Evolution
August 4–7, 2016 | Washington, DC

5th ASM Conference on Salmonella
August 29–September 1, 2016 | Potsdam, Germany

6th ASM Conference on Beneficial Microbes
September 9–12, 2016 | Seattle, Washington

ASM Conference on Infection and Cancer
October 24–27, 2016 | Washington, DC

ASM Conference on Antibacterial Development
December 11–14, 2016 | Washington, DC

ASM Conference on Innovative Microbial Ecology for Mitigation of Antibiotic Resistance and Bacterial Diseases
March 2017

ASM Conference on Mechanisms of Interbacterial Cooperation and Competition
March 2017

ASM Conference on Tuberculosis: Past, Present and Future
April 2017

ASM Conference on Interplay of Viral and Bacterial Pathogens (ASM-ASV collaboration)
May 2017

2nd ASM Conference on Rapid Applied Microbial Next-Generation Sequencing and Bioinformatic Pipelines
September 2017

6th ASM Conference on Cell-Cell Communication in Bacteria
October 2017

ASM Conference on Vibrio2017: The Biology of Vibrios
November 2017

4th ASM Conference on Viral Manipulation of Nuclear Processes
December 2017
ASM Microbe 2016 Contributors

The following individuals are recognized for contributing ideas and topics for ASM Microbe 2016. We value your contributions and appreciate your continued support.

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001 Opening Keynote Session Featuring Bill Gates

A Conversation with Bill Gates: Bringing the Frontiers of Science to the Front Lines of Development

Thursday, June 16
5:00 p.m. – 6:00 p.m.
BCEC, Exhibit Hall C

INTERVIEWER: Richard Besser; Chief Health and Medical Editor, ABC News

In an interview with Richard Besser, Bill Gates, co-chair of the Bill & Melinda Gates Foundation and business leader, will discuss the state of global health and the importance of microbial sciences in basic and translational research to foster transformative innovations.

Since stepping down from Microsoft, Bill Gates has dedicated his career to helping all people lead healthy, productive lives. In 1996, Gates and his wife, Melinda, established the Bill & Melinda Gates Foundation which focuses on improving health care and education for children around the world. Since its inception, the Foundation has donated $4 billion to support initiatives such as college scholarships for minority students, the Global Fund for Children’s Vaccines, the effort to eradicate polio, and the prevention of the spread of AIDS among youth in South Africa. By investing in discovery research and building a global network of creative minds from diverse fields, Bill Gates brings people together to address the greatest global health challenges we face.

You must have a valid meeting badge to gain entry to the Opening Keynote Session. Bags are restricted to 12” x 12” x 6”. A coat check is available on Level 0 and Level 1 should your bag not meet the restrictions. ASM Microbe 2016 registration bags will be allowed into the session.
GENERAL SESSION

114 Friends, Foes, and Foils: Defining Microbial Interactions Featuring the ASM Lecturer and Distinguished Lecturers

Friday, June 17
5:45 p.m. – 7:30 p.m.
BCEC, Exhibit Hall C

CONVENERS:
Nicole Dubilier – Chair, General Meeting Program Committee; Max Planck Inst.
of Marine Microbiology, Bremen, Germany

David A. Relman – Vice-Chair, General Meeting Program Committee; Stanford Univ.,
Stanford, CA

LECTURERS:
Marcel Kuypers; Max Planck Inst. of Marine Microbiology, Bremen, Germany

PRESENTATION TITLE:
Friends with Benefits: Microbial Partnerships that Fertilize the Ocean

Graham F. Hatfull; Univ. of Pittsburgh, Pittsburgh, PA

PRESENTATION TITLE:
Many Hands Make Light Work: Illuminating Biological Dark Matter

ASM Lecturer Jennifer Doudna; Univ. of California, Berkeley, Berkeley, CA

PRESENTATION TITLE:
CRISPR Biology: From Genome Defense to Genome Engineering
GENERAL SESSION

145 President’s Forum - Viruses: Vital Members of Polymicrobial Communities
Saturday, June 18
11:00 a.m. – 12:30 p.m.
BCEC, Exhibit Hall C

CONVENER:
Lynn Enquist – ASM President; Princeton Univ., Princeton, NJ

LECTURERS:
Marilyn J. Roossinck; Pennsylvania State Univ., University Park, PA

PRESENTATION TITLE:
Plant Viruses: Everywhere and Often Mutualistic

Herbert W. (Skip) Virgin IV; Washington Univ. School of Med., St. Louis, MO

PRESENTATION TITLE:
Immune and Transkingdom Control of the Virome, and Vice Versa

Supported by a grant from

eppendorf

ASM President Lynn Enquist and ASM CEO Stefano Bertuzzi will present the State of the Society at the beginning of the session.
GENERAL SESSION

271 Antimicrobial Research Award Lecture: Quinolone and Multidrug Resistance – A Formidable Foe

Sunday, June 19
11:00 a.m. – 12:00 p.m.
BCEC, Grand Ballroom East

Award Supported by a grant from

CONVENERS:
Robin Patel – Chair, ICAAC Program Committee; Mayo Clin., Rochester, MN
David M. Aronoff – Vice-Chair, ICAAC Program Committee; Vanderbilt Univ., Nashville, TN

AWARD LECTURER:
David C. Hooper; Harvard Med. Sch.; Boston, MA

PRESENTATION TITLE:
Quinolone and Multidrug Resistance? A Formidable Foe
GENERAL SESSION

359 Maurice Hilleman Award Lecture: Towards A Universal Influenza Virus Vaccine
Sunday, June 19
5:30 p.m. – 6:30 p.m.
BCEC, Grand Ballroom East

Award supported by a grant from

CONVENERS:
Robin Patel – Chair, ICAAC Program Committee; Mayo Clin., Rochester, MN
David M. Aronoff – Vice-Chair, ICAAC Program Committee; Vanderbilt Univ., Nashville, TN

AWARD LECTURER:
Peter Palese; Icahn Sch. of Med. at Mount Sinai, New York, NY

PRESENTATION TITLE:
Towards a Universal Influenza Virus Vaccine
GENERAL SESSION

387 ICAAC Lecture: Clean Hands Save Lives: Worldwide Perspectives
Monday, June 20
11:00 a.m. – 12:00 p.m.
BCEC, Exhibit Hall C

CONVENERS:
Robin Patel – Chair, ICAAC Program Committee; Mayo Clin., Rochester, MN
David M. Aronoff – Vice-Chair, ICAAC Program Committee; Vanderbilt Univ., Nashville, TN

Award Lecturer:
Didier Pittet; Univ. of Geneva Hosp., Geneva, Switzerland

PRESENTATION TITLE:
Clean Hands Save Lives: Worldwide Perspectives

Special Movie Screening:
360 Clean Hands
Sunday, June 19
6:45 p.m. – 7:45 p.m.
BCEC, Grand Ballroom East
See Online Program Planner or ASM events mobile app for more information.
**Distinguished Track Lecturers**

**FRIDAY, JUNE 17**

**APPLIED AND ENVIRONMENTAL SCIENCE TRACK LECTURER**  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 258A

012 Feed Me, Feed My Microbiome: The Role of Prebiotics and the Microbiome in Conferring Health Effects  
David Mills; Univ. of California, Davis, Davis, CA  
PRESENTATION TITLE:  
Establishment of a Beneficial Milk-oriented Microbiota (MOM) in Breast-fed Infants: A Naturally-evolved Prebiotic Enrichment  
PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.

**MOLECULAR BIOLOGY AND PHYSIOLOGY TRACK LECTURER**  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 205A

010 Breaking Up Is Hard to Do: Microbial Cell Division  
Joseph Lutkenhaus; Univ. of California, Davis, Davis, CA  
PRESENTATION TITLE:  
Z Ring: Putting It All Together  
PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.

**SATURDAY, JUNE 18**

**CLINICAL SCIENCE AND EPIDEMIOLOGY TRACK LECTURER**  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 160A

142 On Your Bench, Get Set, Go! Practical Updates for the Clinical Microbiologist  
Donna Wolk; Geisinger Hlth. Sys., Danville, PA  
PRESENTATION TITLE:  
The 10X Objective: A Low Power View of Some High Power Challenges for Clinical Microbiology  
PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.

**ECOLOGICAL AND EVOLUTIONARY SCIENCE TRACK LECTURER**  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 253A

013 Who Is There and What Are They Doing? Identities and Functions of Microbial Dark Matter  
Holger Daims; Univ. of Vienna; Vienna, Austria  
PRESENTATION TITLE:  
Complete Nitirification by One Organism: The Discovery and Characterization of Comammox  
PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.
HOST-MICROBE BIOLOGY TRACK LECTURER
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 210B

124 Everything in Its Place: Constructing and Coordinating the Bacterial Cell

Nina Salama; Fred Hutchinson Cancer Res. Ctr., Seattle, WA

PRESENTATION TITLE:
Bodybuilding for Bacteria: Getting in Shape for Pathogenesis

PRESENTATION TIME: 8:45 a.m. – 9:15 a.m.

MOLECULAR BIOLOGY AND PHYSIOLOGY TRACK LECTURER
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom F

218 Keeping the Batteries Charged

Judy Wall; Univ. of Missouri, Columbia, MO

PRESENTATION TITLE:
Energy Conservation in Sulfate Reducing Bacteria

PRESENTATION TIME: 4:45 p.m. – 5:15 p.m.

PROFESSION OF MICROBIOLOGY TRACK LECTURER
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 210B

227 The Science of Learning

Loretta Brancaccio-Taras; Kingsborough Community Coll., Brooklyn, NY

PRESENTATION TITLE:
The State of the Nation: What We Know about Learning Biology

PRESENTATION TIME: 2:45 p.m. – 3:15 p.m.

SUNDAY, JUNE 19

HOST-MICROBE BIOLOGY TRACK LECTURER
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 210B

242 Antimicrobial Therapy: Double-edged Sword

Randall Singer; Univ. of Minnesota Coll. of Vet. Med., St. Paul, MN

PRESENTATION TITLE:
Mitigating Antimicrobial Resistance in Agricultural Systems

PRESENTATION TIME: 9:45 a.m. – 10:15 a.m.

Award Laureates Presenting Lectures

FRIDAY, JUNE 17

HOLOGIC JOSEPH PUBLIC HEALTH AWARD
2:45 p.m. – 5:15 p.m.
WTC, Harborview Ballroom 1

111 Protecting the Food Supply: From Humble Beginnings to Next Generation PulseNet

AWARD LECTURER:
Robert Martin; Univ. of Washington Sch. of Publ. Hlth., Seattle, WA

PRESENTATION TITLE:
Strengthening Laboratories Internationally - Thinking Beyond the Bench

PRESENTATION TIME: 4:45 p.m. – 5:15 p.m.

PROMEGA BIOTECHNOLOGY RESEARCH AWARD
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 204A

113 Single Cell Behavior

James Collins; MIT, Cambridge, MA

PRESENTATION TITLE:
Synthetic Biology for Global Health Applications

PRESENTATION TIME: 4:45 p.m. – 5:15 p.m.

SATURDAY, JUNE 18

ASM AWARD IN CLINICAL AND DIAGNOSTIC IMMUNOLOGY
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 156A

135 GBS Diseases: Global Challenges

Jeffrey Schлом; NCI/NIH Bethesda, MD

PRESENTATION TITLE:
Vaccine-mediated Immunotherapy of Cancer

PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.
ASM LIFETIME ACHIEVEMENT AWARD
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 210B

124 Everything in Its Place: Constructing and Coordinating the Bacterial Cell
Thomas Silhavy; Princeton Univ., Princeton, NY
PRESENTATION TITLE: Envelope Biogenesis in Gram-negative Bacteria
PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.

AWARD FOR RESEARCH IN CLINICAL MICROBIOLOGY
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 160A

142 On Your Bench, Get Set, Go! Practical Updates for the Clinical Microbiologist
Donna Wolk; Geisinger Hlth. Sys., Danville, PA
PRESENTATION TITLE: The 10X Objective: A Low Power View of Some High Power Challenges for Clinical Microbiology
PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.

CARSKI FOUNDATION DISTINGUISHED UNDERGRADUATE TEACHING AWARD
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 210B
CE Hours: 2.5

227 The Science of Learning
Loretta Brancaccio-Taras; Kingsborough Community Coll., Brooklyn, NY
PRESENTATION TITLE: The State of the Nation: What We Know About Learning Biology
PRESENTATION TIME: 2:45 p.m. – 3:15 p.m.

SONNENWIRTH AWARD FOR LEADERSHIP IN CLINICAL MICROBIOLOGY
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 104A

213 Emerging Viral Infections
Richard Hodinka; Univ. of South Carolina Sch. of Med. Greenville, Greenville, SC
PRESENTATION TITLE: The Ever Changing Landscape of Clinical Virology
PRESENTATION TIME: 4:45 p.m. – 5:15 p.m.

USFCC/J. ROGER PORTER AWARD
2:45 p.m. – 5:15 p.m.
Renaissance, Atlantic Ballroom 1

217 Growing the Tree of Life
James Cole; Michigan State Univ., Ann Arbor, MI
PRESENTATION TITLE: Beyond rRNA: RDP in the Genome Era
PRESENTATION TIME: 2:45 p.m. – 3:15 p.m.

SUNDAY, JUNE 19

D.C. WHITE RESEARCH AND MENTORING AWARD
8:15 a.m. – 10:45 p.m.
BCEC, Grand Ballroom West

245 Viruses as Master Manipulators
Terence Dermody; Vanderbilt Univ. Sch. of Med., Nashville, TN
PRESENTATION TITLE: Following the Journey of Reovirus from Intestine to Brain
PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.
ANTIMICROBIAL RESEARCH AWARD LECTURE (Award supported by Merck)
11:00 a.m. – 12:00 p.m.
BCEC, Grand Ballroom East

271 Quinolone and Multidrug Resistance – A Formidable Foe

David C. Hooper; Harvard Med. Sch.; Boston, MA

MAURICE HILLEMAN AWARD LECTURE (Award supported by Merck)
5:30 p.m. – 6:30 p.m.
BCEC, Grand Ballroom East

359 Towards a Universal Influenza Virus Vaccine

Peter Palese; Icahn Sch. of Med. at Mount Sinai, New York, NY

MONDAY, JUNE 20

ICAAC LECTURE
11:00 a.m. – 12:00 p.m.
BCEC, Exhibit Hall C

387 Clean Hands Save Lives: Worldwide Perspectives

Didier Pittet; Univ. of Geneva Hosp., Geneva, Switzerland

DUPONT INDUSTRIAL BIOSCIENCES AWARD IN APPLIED AND ENVIRONMENTAL MICROBIOLOGY
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 258A

244 Microbiology of the Anthropocene

Joseph Suflita; Univ. of Oklahoma, Norman, OK

PRESENTATION TITLE:
Reflections on the Anthropocene, Societal Energy Challenges and A Career in Microbiology

PRESENTATION TIME: 10:15 a.m. – 10:45 a.m.

ELI LILLY & COMPANY-ELANCO RESEARCH AWARD
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 205A
CE Hours: 2.5
CSE, HMB, MBP

334 Answering the Threat of Emerging Viruses

Erica Ollmann Saphire; The Scripps Research Inst., La Jolla, CA

PRESENTATION TITLE:
The Molecular Took-kit of Viral Hemorrhagic Fevers

PRESENTATION TIME: 2:45 p.m. – 3:15 p.m.

HARDY DIAGNOSTICS ABMM/ABMLI PROFESSIONAL RECOGNITION AWARD
8:15 a.m. – 10:45 a.m.
Renaissance, Pacific Grand Ballroom A
CSE

262 Optimal Use of Rapid Diagnostics in the Clinical Microbiology Laboratory for Quality Improvement and Clinical Care

Melvin Weinstein; Rutgers Robert Wood Johnson Med. Sch. and Univ. Hosp., NJ

PRESENTATION TITLE:
Pros and Cons of Different Types of Rapid Diagnostic Platforms for Bloodstream Infection in the Clinical Microbiology Laboratory

PRESENTATION TIME: 8:15 a.m. – 8:45 a.m.
Daily Schedule

**WEDNESDAY, JUNE 15**

- **Registration**
  BCEC, North Lobby
- **Exhibitor Registration**
  7:30 a.m. – 5:00 p.m.
- **Group Registration**
  8:00 a.m. – 5:00 p.m.

*Attendee registration opens Thursday*

- **Membership Board Meeting** (Invite Only)
  8:00 a.m. – 12:00 p.m.
  Westin, Douglass
- **JCM Editors’ Meeting** (Invite Only)
  8:00 a.m. – 3:00 p.m.
  Westin, Alcott
- **Young Ambassadors Retreat** (Invite Only)
  8:30 a.m. – 11:00 a.m.
  BCEC, Meeting Room 160B
- **Ambassador Leadership Circle** (Invite Only)
  12:30 a.m. – 2:30 p.m.
  BCEC, Meeting Room 155
- **Young Leaders Circle Meeting** (Invite Only)
  2:00 a.m. – 3:30 p.m.
  BCEC, Meeting Room 160B

- **Workshop Registration**
  6:30 a.m. – 12:00 p.m.
  BCEC, North Lobby

- **Satellite Registration**
  6:30 a.m. – 5:00 p.m.
  Seaport Hotel (Hotel Lobby) and Renaissance Waterfront Hotel (Atlantic Ballroom)

**THURSDAY, JUNE 16**

- **Registration**
  BCEC, North Lobby
- **Workshop Registration**
  6:30 a.m. – 12:00 p.m.
  BCEC, North Lobby
- **Satellite Registration**
  6:30 a.m. – 5:00 p.m.
  Seaport Hotel (Hotel Lobby) and Renaissance Waterfront Hotel (Atlantic Ballroom)

- **Group Registration**
  6:30 a.m. – 7:00 p.m.
- **Exhibitor Registration**
  7:30 a.m. – 7:00 p.m.
- **Attendee Registration**
  12:00 p.m. – 7:00 p.m.

- **Speaker Ready Rooms**
  Please note the location for your session to upload your presentation at the proper location.

- **Session location:** BCEC/Westin
  Presentations upload:
  6:30 a.m. – 5:15 p.m.
  BCEC, Meeting Room 152

- **Services**
  - **Coat Check**
    6:30 a.m. – 6:30 p.m.
    BCEC, Meeting Room 106, East Lobby Exhibit Level
  - **Information Desk**
    6:00 a.m. – 7:00 p.m.
    BCEC, North Lobby
  - **Mobile App Support Desk**
    6:00 a.m. – 7:00 p.m.
    BCEC, North Lobby

**Connect and Interact**

- **Agar Art Gallery**
  8:00 a.m. – 6:00 p.m.
  BCEC, Level 2, East Prefunction
- **CHOMA Exhibit**
  8:00 a.m. – 6:00 p.m.
  BCEC, Level 1, Northeast Lobby A
- **Early Career Lounge**
  8:00 a.m. – 6:00 p.m.
  BCEC, Meeting Room 105

- **Track Hubs**
  8:00 a.m. – 6:00 p.m.
  - **AES Track Hub**
    BCEC, Level 1, Northeast Lobby A
  - **CSE Track Hub**
    BCEC, Level 2, Northwest Lobby
  - **EES Track Hub**
    BCEC, Level 1, Southeast Lobby B1
  - **HMB Track Hub**
    BCEC, Level 1, Southeast Lobby B2
  - **MBP Track Hub**
    BCEC, Level 1, Southeast Lobby C
  - **TAP Track Hub**
    BCEC, Level 2, Northeast Lobby

- **Work Hubs**
  BCEC Level 2, Southeast Lobby

- **Nursing Room**
  7:00 a.m. – 8:00 p.m.
- **Prayer Room**
  7:00 a.m. – 8:00 p.m.
- **Press Room**
  12:00 a.m. – 5:00 p.m.
  BCEC, Meeting Room 151A

- **Build your own schedule**
  [2016-10876301](#)
MORNING

Journals Board Meeting (Invite Only)
7:00 a.m. – 2:00 p.m.
Westin, Commonwealth A

Professional Practice Committee Meeting
8:00 a.m. – 11:30 a.m.
Westin, Alcott

Division Officers Forum
8:00 a.m. – 12:00 p.m.
Westin, Grand Ballroom C

$ 002 Workshop - Future Microbiology—Predicting the Field in 2026
8:15 a.m. – 11:45 a.m.
BCEC, Meeting Room 156B
CME Hours: 3.5
UAN: 0391-9999-16-168-L04-P
ASCLS P.A.C.E.®: 3.5

$ 004 Workshop - Introduction to Microbiome and Metabolome Data Analysis (using QIIME and GNPS)
8:15 a.m. – 11:45 a.m.
BCEC, Meeting Room 210C

$ 008 Workshop - Practical Advice for Lab Management: CPT Codes, Compliance, Reimbursement, and LOINC Codes
8:15 a.m. – 11:45 a.m.
BCEC, Meeting Room 157B
CME Hours: 3.5
UAN: 0391-9999-16-172-L04-P
ASCLS P.A.C.E.®: 3.5

$ 009 Workshop - Research Mentor Training for Microbiologists: Part I
8:15 a.m. – 11:45 a.m.
BCEC, Grand Ballroom West
CME Hours: 3.5
UAN: 0391-9999-16-173-L04-P
ASCLS P.A.C.E.®: 3.5

$ 013 Workshop - Assemble, Annotate and Analyze Your Own Genome using PATRIC, the All Bacterial Bioinformatics Resource Center
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 104B

$ 014 Workshop - Clinical Microbiology Board Review Course
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 205B
CME Hours: 7
UAN: 0391-9999-16-177-L04-P
ASCLS P.A.C.E.®: 7

$ 015 Workshop - Course in Medical Mycology
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 160B
CME Hours: 7
UAN: 0391-9999-16-178-L04-P
ASCLS P.A.C.E.®: 7

$ 016 Workshop - Do-it-Yourself Microbial Genome Sequence Analysis
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 153B

$ 017 Workshop - Effective and High Impact Scientific Writing
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 204A
CME Hours: 7
UAN: 0391-9999-16-179-L04-P
ASCLS P.A.C.E.®: 7

$ 018 Workshop - Engaging and Inclusive Teaching in the Microbial Sciences
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 206A
CME Hours: 7
UAN: 0391-9999-16-180-L04-P
ASCLS P.A.C.E.®: 7

$ 019 Workshop - Genome-scale Metabolic Modeling of Environmental Isolates and Communities using the DOE Systems Biology Knowledgebase (KBase)
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 252A

$ 021 Workshop - The Microbes Are Winning: A Workshop on Antibiotic Resistance, Detection, Distribution (PK/PD), and Molecular Epidemiology in Significant Bacterial Pathogens
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 253B
CME Hours: 7
UAN: 0391-9999-16-181-L04-P
ASCLS P.A.C.E.®: 7

$ 022 Workshop - Mining Microbial Genomes and Metagenomes for Biotechnological Applications
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 258B

$ 023 Workshop - Mycobacteriology 2016: Supporting the Care of Patients with Mycobacterial Infections in an Increasingly Molecular Laboratory Environment
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 259A
CME Hours: 7
UAN: 0391-9999-16-182-L04-P
ASCLS P.A.C.E.®: 7

$ 024 Workshop - Engaging and Inclusive Teaching in the Microbial Sciences
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 206A
CME Hours: 7
UAN: 0391-9999-16-183-L04-P
ASCLS P.A.C.E.®: 7

Additional Registration Fee Required
$ 024 Workshop - NGS for Microbial Genomic Surveillance and More - One Technology Fits All
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 254A
CME Hours: 7
UAN: 0391-9999-16-184-L04-P
ASCLS P.A.C.E.®: 7

$ 025 Workshop - Pediatric Microbiology for Clinicians and Laboratorians
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 257A
CME Hours: 7
UAN: 0391-9999-16-185-L04-P
ASCLS P.A.C.E.®: 7

Branch Organization Committee Meeting (Invite Only)
8:30 a.m. – 11:00 a.m.
Westin, Stone

Education Board Committee Meeting (Invite Only)
9:00 a.m. – 12:30 p.m.
Westin, Revere

$ Boston Duck Tour
10:00 a.m. – 11:15 a.m.
BCEC, Summer St.

$ ASM Press Committee Meeting (Invite Only)
12:30 p.m. – 2:30 p.m.
Westin, Bulfinch

$ 027 Workshop - Advanced Microbiome and Metabolome Data Analysis (using QIIME and GNPS)
12:45 p.m. – 4:15 p.m.
BCEC, Meeting Room 210C

$ 029 Workshop - Establishing and Working in a Start-up Environment
12:45 p.m. – 4:15 p.m.
BCEC, Meeting Room 156B
CME Hours: 3.5
UAN: 0391-9999-16-188-L04-P
ASCLS P.A.C.E.®: 3.5

$ 031 Workshop - Microbiology Career Choices: What’s Available and How to Succeed
12:45 p.m. – 4:15 p.m.
BCEC, Grand Ballroom East
CME Hours: 3.5
UAN: 0391-9999-16-190-L04-P
ASCLS P.A.C.E.®: 3.5

$ 032 Workshop - Practical Project Management for Scientists
12:45 p.m. – 4:15 p.m.
BCEC, Meeting Room 157B
CME Hours: 3.5
UAN: 0391-9999-16-191-L04-P
ASCLS P.A.C.E.®: 3.5

$ 033 Workshop - Research Mentor Training for Microbiologists: Part II
12:45 p.m. – 4:15 p.m.
BCEC, Grand Ballroom West
CME Hours: 3.5
UAN: 0391-9999-16-192-L04-P
ASCLS P.A.C.E.®: 3.5

Committee on Laboratory Practices (Invite Only)
2:00 p.m. – 3:30 p.m.
Westin, Bulfinch

Committee on Agriculture and Food Microbiology and Committee on Environmental Microbiology (Invite Only)
2:00 p.m. – 4:00 p.m.
Westin, Paine

Committee on Microbiological Issues Impacting Minorities (Invite Only)
2:00 p.m. – 4:30 p.m.
Westin, Hancock

Joint Board Session (Invite Only)
3:00 p.m. – 4:30 p.m.
Westin, Commonwealth C

JB Centennial Reception (Invite Only)
3:00 p.m. – 4:30 p.m.
Westin, Otis

GENERAL SESSION

001 Opening Keynote Session: A Conversation with Bill Gates: Bringing the Frontiers of Science to the Front Lines of Development
5:00 p.m. – 6:00 p.m.
BCEC, Exhibit Hall C
See page 18 for details.

EVENING

Opening Reception
6:30 p.m. – 8:00 p.m.
WTC, Head House

ID Fellows Reception (Invite Only)
7:30 p.m. – 9:30 p.m.
WTC, Harborview Ballroom 1
Registration
BCEC, North Lobby

Attendee Registration
6:00 a.m. – 6:00 p.m.

Exhibitor Registration
6:00 a.m. – 4:00 p.m.

Group Registration
6:00 a.m. – 6:00 p.m.

Satellite Registration
6:45 a.m. – 5:00 p.m.
Seaport Hotel (Hotel Lobby) and Renaissance Waterfront Hotel (Atlantic Ballroom)

Speaker Ready Rooms
Please note the location for your session to upload your presentation at the proper location.

Session location: BCEC/Westin
Presentations upload:
6:00 a.m. – 7:00 p.m.
BCEC, Meeting Room 152

Session location: Renaissance
Presentations upload:
6:45 a.m. – 5:00 p.m.
Renaissance, Bering Boardroom

Session location: WTC
Presentations upload:
6:45 a.m. – 5:00 p.m.
WTC, Washington

Services

Coat Check
6:00 a.m. – 7:30 p.m.
BCEC, Meeting Room 106, East Lobby Exhibit Level

Information Desk
6:00 a.m. – 7:00 p.m.
BCEC, North Lobby

Mobile App Support Desk
6:00 a.m. – 6:00 p.m.
BCEC, North Lobby

Nursing Room
7:00 a.m. – 7:30 p.m.

Prayer Room
7:00 a.m. – 7:30 p.m.

Press Room
7:30 a.m. – 5:00 p.m.
BCEC, Meeting Room 151A

Connect and Interact

AAM Fellows Lounge
7:00 a.m. – 4:30 p.m.
BCEC, Meeting Room 103

Agar Art Gallery
7:00 a.m. – 7:15 p.m.
BCEC, Level 2, East Prefunction

CHOMA Exhibit
7:00 a.m. – 7:15 p.m.
BCEC, Level 1 Northwest Lobby A

Early Career Lounge
7:00 a.m. – 7:15 p.m.
BCEC, Meeting Room 105

Track Hubs
7:00 a.m. – 7:15 p.m.

AES Track Hub
BCEC, Level 1, Northeast Lobby A

CSE Track Hub
BCEC, Level 2, Northwest Lobby

EES Track Hub
BCEC, Level 1, Northeast Lobby B1

HMB Track Hub
BCEC, Level 1, Southeast Lobby B2

MBP Track Hub
BCEC, Level 1, Southeast Lobby C

TAP Track Hub
BCEC, Level 2, Northeast Lobby

Work Hubs
BCEC, Level 2, Southeast Lobby

Poster Information
BCEC, Exhibit and Poster Hall, Halls A and B

Poster Assistance
6:30 a.m. – 8:00 a.m.
(outside Hall A)

Poster Mounting
6:30 a.m. – 8:00 a.m.

Poster Support
6:30 a.m. – 3:00 p.m.

Call4Poster and iPoster Counter
6:30 a.m. – 3:00 p.m.

Poster Storage
6:30 a.m. – 3:00 p.m.

Poster Dismantle
3:00 p.m. – 4:30 p.m.
MORNING

Career Development Grants for Postdoctoral Women (CDGPW) Committee Meeting (Invite Only)
6:45 a.m. – 8:00 a.m.
Westin, Douglass

American Board of Medical Microbiology Meeting
7:00 a.m. – 8:00 a.m.
Westin, Bulfinch

CVI Editorial Board Meeting (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Alcott

002 Meet-the-Experts - 2016 Update on Yaws (Organized In Cooperation with the American Society of Tropical Medicine and Hygiene (ASTMH))
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 161
CME Hour: 1
UAN: 0391-9999-16-002-L04-P
ASCLS P.A.C.E.®: 1

003 Meet-the-Experts - Advances in Study Design: How Can We Most Efficiently Study the Epidemiology and Treatment of Infection?
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 154
CME Hour: 1
UAN: 0391-9999-16-003-L04-P
ASCLS P.A.C.E.®: 1

004 Meet-the-Experts - HIV Cohorts Studies
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 209
CME Hour: 1
UAN: 0391-9999-16-004-L04-P
ASCLS P.A.C.E.®: 1

005 Meet-the-Experts - How to Change the Reporting of Microbiology Results to Improve Antibiotic Prescribing (Organized in Cooperation with the Society of Infectious Diseases Pharmacists (SIDP))
7:00 a.m. – 8:00 a.m.
Westin, Marina Ballroom III
CME Hour: 1
UAN: 0391-9999-16-005-L04-P
ASCLS P.A.C.E.®: 1

006 Meet-the-Experts - Treating Hepatitis Band Hepatitis C in Children
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 208
CME Hour: 1
UAN: 0391-9999-16-006-L04-P
ASCLS P.A.C.E.®: 1

007 Meet-the-Experts - The Year in Infection Control
7:00 a.m. – 8:00 a.m.
Westin, Marina Ballroom II
CME Hour: 1
UAN: 0391-9999-16-007-L04-P
ASCLS P.A.C.E.®: 1

008 Lights, Camera, Science! Engaging Videos 101
8:15 a.m. – 9:00 a.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone
CME Hours: 0.75
UAN: 0391-9999-16-008-L04-P
ASCLS P.A.C.E.®: 0.5

009 ID Fellows 101: For Fellows Age 18-88
8:15 a.m. – 10:45 a.m.
BCEC, Grand Ballroom East
CME Hours: 2.5
UAN: 0391-9999-16-009-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

010 Plenary - Breaking up Is Hard to Do: Microbial Cell Division
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 205A

011 Plenary - Evolution of Host Defense across the Tree of Life
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 210B

012 Plenary - Feed Me, Feed My Microbiome: The Role of Prebiotics and the Microbiome in Conferring Health Effects
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 258A

013 Plenary - Who Is There and What Are They Doing? Identities and Functions of Microbial Dark Matter
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 253A

014 Slide Session - Antimicrobial Stewardship I
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 154
CME Hours: 2.5
UAN: 0391-9999-16-010-L04-P
ASCLS P.A.C.E.®: 2.5

015 Slide Session - Hot Topics in Antimicrobial Susceptibility Testing
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 209
CME Hours: 2.5
UAN: 0391-9999-16-011-L04-P
ASCLS P.A.C.E.®: 2.5

016 Slide Session - New Antifungals
8:15 a.m. – 10:45 a.m.
Westin, Marina Ballroom III
CME Hours: 2.5
UAN: 0391-9999-16-012-L04-P
ASCLS P.A.C.E.®: 2.5

Exhibit Hall & Poster Viewing Open
8:00 a.m. – 3:00 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.
017 Symposium - Advances in Clinical Microbiology from the Horse’s Mouth
8:15 a.m. – 10:45 a.m.
WTC, Cityview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-013-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

018 Symposium - Antimicrobial Susceptibility Testing - Where Are We Going? (Organized in Cooperation with the Society of Infectious Diseases Pharmacists (SIDP))
8:15 a.m. – 10:45 a.m.
WTC, Amphitheater
CME Hours: 2.5
UAN: 0391-9999-16-014-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

019 Symposium - Biosafety and Biosecurity Lessons to Be Learned
8:15 a.m. – 10:45 a.m.
WTC, Waterfront Ballroom 2
CME Hours: 2.5
UAN: 0391-9999-16-015-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

020 Symposium - Chemistry and Microbiology BFF: Beyond MALDI-TOF MS Technology
8:15 a.m. – 10:45 a.m.
WTC, Harborview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-016-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

021 Symposium - Escherichia coli: A Friend or an Enemy?
8:15 a.m. – 10:45 a.m.
Westin Marina Ballroom II
CME Hours: 2.5
UAN: 0391-9999-16-017-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

022 Symposium - New Insights into Enterococcal Pathogenesis and Antibiotic Resistance in the Genomic Era
8:15 a.m. – 10:45 a.m
BCEC, Meeting Room 208
CME Hours: 2.5
UAN: 0391-9999-16-018-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

023 Symposium - We Are Not Alone: Emerging Issues of the Human Mycobiome (Organized in Cooperation with the Immunocompromised Host Society (ICHS))
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 160A
CME Hours: 2.5
UAN: 0391-9999-16-019-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

024 Symposium - Zika Virus: An Emerging Threat
8:15 a.m. – 10:45 a.m.
BCEC, Grand Ballroom West
CME Hours: 2.5
UAN: 0391-9999-16-020-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

Industry & Science Course - Improving Molecular Laboratory Testing through the application of Six-Sigma Metric
8:15 a.m. – 11:45 a.m.
Renaissance, Pacific Grand Ballroom A
Supported by Abbott
(No additional fee required to attend. Limited to 100 attendees.)

036 Course - Basics of Pharmacokinetics and Pharmacodynamics (PK/PD) of Anti-infective Agents (Organized in Cooperation with International Society of Anti-Infective Pharmacology (ISAP))
8:15 a.m. – 11:45 a.m.
Westin, Grand Ballroom A
CME Hours: 3.5
UAN: 0391-9999-16-195-L04-P
ASCLS P.A.C.E.®: 3.5

038 Workshop - DIY Microbiomes and Metabolomes
8:15 a.m. – 11:45 a.m.
BCEC, Meeting Room 260
CME Hours: 3.5
UAN: 0391-9999-16-197-L04-P
ASCLS P.A.C.E.®: 3.5

040 Course - Antimicrobial Stewardship in Hospitals
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 157B
CME Hours: 7
UAN: 0391-9999-16-199-L04-P
ASCLS P.A.C.E.®: 7

041 Workshop - Genome-wide Association Studies and Comparative Genomics for Tracking Multi-resistant and Hypervirulent Bacterial Clones
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 153B
CME Hours: 7
UAN: 0391-9999-16-200-L04-P
ASCLS P.A.C.E.®: 7

042 Course - Infectious Diseases Treatment Guidelines and Beyond: Where Do We Stand in 2016?
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 156B
CME Hours: 7
UAN: 0391-9999-16-201-L04-P
ASCLS P.A.C.E.®: 7

Additional Registration Fee Required
043 Workshop - Primer on Transplantation
8:15 a.m. – 4:15 p.m.
BCEC, Meeting Room 259A
CME Hours: 7
UAN: 0391-9999-16-202-L04-P
ASCLS P.A.C.E.: 7

025 Preparing Your Education and Engagement Research for Publication: Qualitative Research for Dummies
9:15 a.m. – 10:00 a.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone
CME Hours: 0.75
UAN: 0391-9999-16-021-L04-P
ASCLS P.A.C.E.: 0.5

026 Career Talk - Joseph Igietseme; Natl. Ctr. for Emerging and Zoonotic Infectious Diseases, CDC
10:45 a.m. – 11:15 a.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone

027 Peer-to-Peer Exchange Session
10:45 a.m. – 11:30 a.m.
BCEC, Exhibit and Poster Hall, Peer-to-Peer Exchange Zone
See insert in registration packet and ASM events mobile app for scheduled topics

Poster Presentations, Late-breaker Presentations, and Poster Walks
12:30 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B
To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.

029 Peer-to-Peer Exchange Session
11:45 a.m. – 12:30 p.m.
BCEC, Exhibit and Poster Hall, Peer-to-Peer Exchange Zone
See insert in registration packet and ASM events mobile app for scheduled topics

Industry & Science Showcase - Impact of the cobas® Liat Flu Assay on Clinical Decision Making in the Emergency Department Setting (CLADE Study Group)
11:45 a.m. – 12:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase A, Booth 144
Supported by Roche Diagnostics

Industry & Science Showcase - Beyond the MIC: Future Applications of Morphokinetic Cellular Analysis (MCA)
11:45 a.m. – 12:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase B, Booth 1844
Supported by Accelerate Diagnostics

Yoga Break
11:00 a.m. – 11:15 a.m.
BCEC, Exhibit and Poster Hall, Wellness Zone

Refreshment Break
11:00 a.m. – 11:45 a.m.
BCEC, Exhibit and Poster Hall, Halls A and B

028 Career Talk - Christine White-Ziegler; Smith College
11:30 a.m. – 12:00 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone

Speaker Connection Session
11:30 a.m. – 12:00 p.m.
BCEC, Exhibit and Poster Hall, Speaker Connection Zone
See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

082 Peer-to-Peer Exchange Session
12:45 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall, Peer-to-Peer Exchange Zone
See insert in registration packet and ASM events mobile app for scheduled topics

Industry & Science Showcase - cUTI and cIAI Caused by Current Common Gram-negative Pathogens
12:45 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase A, Booth 144
Supported by Merck

Industry & Science Showcase - LifeScale: (Truly) Rapid AST’s from Positive Blood Culture, and More
12:45 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase B, Booth 1844
Supported by Affinity Biosensors

044 Course - Measurement and Modeling of Drugs in Tissues (Organized in Cooperation with International Society of Anti-Infective Pharmacology (ISAPI))
12:45 p.m. – 4:15 p.m.
Westin, Grand Ballroom A
CME Hours: 3.5
UAN: 0391-9999-16-203-L04-P
ASCLS P.A.C.E.: 3.5
TAP

$ Additional Registration Fee Required
$ 046 Workshop - Next-Generation Sequencing Applied to Clinical Practice and Pathogen Discovery
12:45 p.m. – 4:15 p.m.
BCEC, Meeting Room 260
CME Hours: 3.5
UAN: 0391-9999-16-205-L04-P
ASCLS P.A.C.E.®: 3.5
CSE

Speaker Connection Session
1:00 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall, Speaker Connection Zone
See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

083 Career Talk - Cecil Runyon; Medline Lab., Inc.
1:15 p.m. – 1:45 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone

085 Graduate Recruitment Session
1:45 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Peer-to-Peer Exchange Zone
See Peer-to-Peer Exchange Zone insert in registration packet and ASM events mobile app for list of schools

086 NIAID Training (T), Career (K), and Fellowship (F) Opportunities
1:45 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone
CME Hour: 0.75
UAN: 0391-9999-16-022-L04-P
ASCLS P.A.C.E.: 0.5
POM

Industry & Science Showcase - Laser Light Scattering for the Detection and Characterization of Bacterial Infections
1:45 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase B, Booth 1844
Supported by BacterioScan Inc.

Afternoon Recharge
2:00 p.m. – 2:15 p.m.
BCEC, Exhibit and Poster Hall, Wellness Zone

£10m Longitude Prize: Could You Win?
2:45 p.m. – 3:15 p.m.
BCEC, CSE Track Hub, Level 2, Northwest Lobby
CSE

Resistant Enterococcus: New Twists and How to Fight It
2:45 p.m. – 3:15 p.m.
BCEC, HMB Track Hub, Level 1, Southeast Lobby B2
HMB

087 This Week in Microbiology (TWiM)
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 210A

088 Literature Review
2:45 p.m. – 5:15 p.m.
BCEC, Grand Ballroom East
CME Hours: 2.5
UAN: 0391-9999-16-023-L04-P
ASCLS P.A.C.E.®: 2.5
CSE, TAP

089 New Agents Discovery Summary Session - Early New Antimicrobial Agents
2:45 p.m. – 5:15 p.m.
BCEC, Grand Ballroom West
CME Hours: 2.5
UAN: 0391-9999-16-024-L04-P
ASCLS P.A.C.E.®: 2.5
TAP

090 Slide Session - Front-end Automation in the Clinical Microbiology Laboratory
2:45 p.m. – 5:15 p.m.
Westin, Marina Ballroom II
CME Hours: 2.5
UAN: 0391-9999-16-025-L04-P
ASCLS P.A.C.E.®: 2.5
CSE

091 Slide Session - Global Health and Emerging Infections
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 208
CME Hours: 2.5
UAN: 0391-9999-16-026-L04-P
ASCLS P.A.C.E.®: 2.5
CSE

092 Slide Session - Novel Strategies to Help Antibiotics to Play their Role
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 161
CME Hours: 2.5
UAN: 0391-9999-16-027-L04-P
ASCLS P.A.C.E.®: 2.5
TAP

093 Slide Session - Novel Vaccines: from Basic Research through Clinical Development
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 206A
CME Hours: 2.5
UAN: 0391-9999-16-028-L04-P
ASCLS P.A.C.E.®: 2.5
TAP

094 Symposium - Building Better Starter Cultures for the Production of Improved Fermented Foods
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 206A
AES, EES

095 Symposium - Building the Great Wall: Diverse Bacterial Growth Strategies
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom D
MBP
096 Symposium - Developing the Next Gen Scientist: The Role of Course Based Research in the Undergraduate Curriculum
2:45 p.m. – 5:15 p.m.
Westin, Grand Ballroom B
CME Hours: 2.5
UAN: 0391-9999-16-029-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
POM

097 Symposium - Discovery to Implementation: What We Need to Get New Drugs and Diagnostics for Antibiotic Resistant Infections
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom A
CME Hours: 2.5
UAN: 0391-9999-16-030-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

098 Symposium - Emerging Technologies and Biomarkers for Fungal Diagnostics
2:45 p.m. – 5:15 p.m.
WTC, Waterfront Ballroom 2
CME Hours: 2.5
UAN: 0391-9999-16-031-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

099 Symposium - Error Rates in Clinical Microbiology Laboratories: Where Do We Stand?
2:45 p.m. – 5:15 p.m.
WTC, Cityview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-032-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

100 Symposium - Ethics in Laboratory Medicine
2:45 p.m. – 5:15 p.m.
WTC, Amphitheater
CME Hours: 2.5
UAN: 0391-9999-16-033-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

101 Symposium - Expanding Host Capabilities through the Microbiome
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 253A
EES, HMB, MBP

102 Symposium - Friends, Foes, and Frenemies: Phage-Host Dynamics
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 258A
EES, HMB, MBP

103 Symposium - Endocarditis in 2016
2:45 p.m. – 5:15 p.m.
Westin, Marina Ballroom III
CME Hours: 1.5
UAN: 0391-9999-16-034-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
TAP

104 Symposium - Hitchhiking across the Eukaryotic Host Cell: Bacterial Toxin Trafficking and Translocation
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 160A
HMB, MBP

105 Symposium - Interplay between Antimicrobial Resistance and Bacterial Persistence
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 209
CME Hours: 2.5
UAN: 0391-9999-16-035-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE, TAP

106 Symposium - Let's Start at the Very Beginning: What’s New with Bacterial Transcription Initiation
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom E
MBP

107 Symposium - Meet Me at the Membrane
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom F
MBP

108 Symposium - Microbial Electric Grids: Electromicrobiology, Fuel Cells, Nanowires, and Cable Bacteria
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 252A
EES, MBP

109 Symposium - Ocean’s Sixteen: New Discoveries in Marine Microbiology
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 254A
AES, EES

110 Symposium - pH Up, pH Down: The Bacterial Response
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 257A
AES, EES

111 Symposium - Protecting the Food Supply: From Humble Beginnings to Next Generation PulseNet
2:45 p.m. – 5:15 p.m.
WTC, Harborview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-036-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE, TAP

112 Symposium - Protein Destruction by Protein Machines
2:45 p.m. – 5:15 p.m.
Renaissance, Atlantic Ballroom 1
MBP

113 Symposium - Single Cell Behavior
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 204A
AES, EES

114 Friends, Foes, and Foils: Defining Microbial Interactions featuring the ASM Lecturer and Distinguished Lecturers
5:45 p.m. – 7:30 p.m.
BCEC, Exhibit Hall C
CME Hours: 1.75
UAN: 0391-9999-16-037-L04-P
ASCLS P.A.C.E.®: 1.5

See page 19 for details.
EVENING

Industry & Science Symposium - Invasive Mycoses: Emerging Paradigms & Practical Applications
7:00 p.m. – 10:00 p.m.
Westin Boston Waterfront, Marina Ballroom
Supported by independent educational grants from: Astellas; Merck & Co, Inc.; Gilead Sciences Europe, Ltd.; and T2 Biosystems.

Industry & Science Symposium - A Case-Based Approach to Serious Gram-Negative Bacterial Infections: What’s Now? What’s New? What’s Next?
7:00 p.m. – 8:45 p.m.
Westin Boston Waterfront, Grand Ballroom A
This activity is supported by an educational grant from Merck & Co., Inc.

Industry & Science Symposium - Sepsis Diagnosis: It’s Time for a New Gold Standard
7:00 p.m. – 9:00 p.m.
Westin Boston Waterfront, Grand Ballroom B
Supported by T2 Biosystems

Division A Business Meeting
7:30 p.m. – 8:30 p.m.
Westin, Alcott

Division M Mixer
7:30 p.m. – 9:00 p.m.
Rosa Mexicana
155 Seaport Blvd

Division L Reception
7:45 p.m. – 10:00 p.m.
Westin, Quincy

Junior Advisory Group (JAG) Meeting (Invite Only)
7:45 p.m. – 10:00 p.m.
Westin, Revere
Registration
BCEC, North Lobby

Attendee Registration
6:00 a.m. – 3:30 p.m.

Exhibitor Registration
6:00 a.m. – 3:30 p.m.

Group Registration
6:00 a.m. – 3:30 p.m.

Satellite Registration
6:45 a.m. – 5:00 p.m.
Seaport Hotel (Hotel Lobby) and Renaissance Waterfront Hotel (Atlantic Ballroom)

Speaker Ready Rooms
Please note the location for your session to upload your presentation at the proper location.

Session location: BCEC/Westin
Presentations upload:
6:00 a.m. – 5:00 p.m.
BCEC, Meeting Room 152

Session location: Renaissance
Presentations upload:
6:45 a.m. – 5:00 p.m.
Renaissance, Bering Boardroom

Session location: WTC
Presentations upload:
6:45 a.m. – 5:00 p.m.
WTC, Washington

Services

Coat Check
6:00 a.m. – 5:30 p.m.
BCEC, Meeting Room 106, East Lobby Exhibit Level

Information Desk
6:00 a.m. – 5:30 p.m.
BCEC, North Lobby

Mobile App Support Desk
6:00 a.m. – 5:30 p.m.
BCEC, North Lobby

Nursing Room
7:00 a.m. – 5:30 p.m.

Prayer Room
7:00 a.m. – 5:30 p.m.

Press Room
7:30 a.m. – 5:00 p.m.
BCEC, Meeting Room 151A

Connect and Interact

AAM Fellows Lounge
7:00 a.m. – 3:00 p.m.
BCEC, Meeting Room 103

Agar Art Gallery
7:00 a.m. – 5:15 p.m.
BCEC, Level 2, East Prefunction

CHOMA Exhibit
7:00 a.m. – 5:15 p.m.
BCEC, Level 1, Northwest Lobby A

Early Career Lounge
7:00 a.m. – 5:15 p.m.
BCEC, Meeting Room 105

Track Hubs
7:00 a.m. – 5:15 p.m.

AES Track Hub
BCEC, Level 1, Northeast Lobby A

CSE Track Hub
BCEC, Level 2, Northwest Lobby

EES Track Hub
BCEC, Level 1, Northeast Lobby B1

HMB Track Hub
BCEC, Level 1, Southeast Lobby B2

MBP Track Hub
BCEC, Level 1, Southeast Lobby C

TAP Track Hub
BCEC, Level 2, Northeast Lobby

Work Hubs
BCEC, Level 2, Southeast Lobby

Poster Information
BCEC, Exhibit and Poster Hall, Halls A and B

Poster Assistance
6:30 a.m. – 8:00 a.m.
(outside Hall A)

Poster Mounting
6:30 a.m. – 8:00 a.m.

Poster Support
6:30 a.m. – 3:00 p.m.

Call4Poster and iPoster Counter
6:30 a.m. – 3:00 p.m.

Poster Storage
6:30 a.m. – 3:00 p.m.

Poster Dismantle
3:00 p.m. – 4:30 p.m.

Public Outreach
Microbial Conversations
6:30 p.m. – 8:30 p.m.
MIT Museum
265 Massachusetts Ave,
Cambridge, MA 02139

Hosted by ASM in partnership with the MIT Museum, this event will bring the cutting-edge research featured at ASM Microbe 2016 to the Boston-area public. Invited ASM scientists will briefly “pitch” their research or topic of interest to the audience, and will then lead small-group discussions scattered throughout the museum, while the audience mingles freely between discussions.
MORNING

ID Fellows Breakfast (Invite Only)
6:00 a.m. – 7:00 a.m.
BCEC, Meeting Room 109A

Pilates Remix
6:00 a.m. – 7:00 a.m.
Westin Copley Place, Great Republic Room

Vinyasa Yoga Flow
6:00 a.m. – 7:00 a.m.
Seaport, Constitution Room

AEM Editorial Board Meeting (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Otis

ASM Distinguished Lecturer Committee Meeting (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Douglass

Committee on Postgraduate Educational Programs Meeting
7:00 a.m. – 8:00 a.m.
Westin, Lewis

IAI Editorial Board Meeting (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Stone

JCM Editorial Board Meeting (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Webster

115 Meet-the-Experts - Antimicrobial Breakpoints: Time for a Single CAST?
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 104A
CME Hour: 1
UAN: 0391-9999-16-038-L04-P
ASCLS P.A.C.E.®: 1
TAP

116 Meet-the-Experts - Antimicrobial Discovery Approaches
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 157A
CME Hour: 1
UAN: 0391-9999-16-039-L04-P
ASCLS P.A.C.E.®: 1
TAP

117 Meet-the-Experts - Bioinformatic Tools for WGS-based Typing of MDR Bacteria
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 204A
CME Hour: 1
UAN: 0391-9999-16-040-L04-P
ASCLS P.A.C.E.®: 1
CSE

118 Meet-the-Experts - Integration of MALDI-TOF MS in Clinical Laboratories-Two Laboratories' Experiences
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 259A
CME Hour: 1
UAN: 0391-9999-16-041-L04-P
ASCLS P.A.C.E.®: 1
CSE

119 Meet-the-Experts - Top 10 Beta-lactamase Papers for 2015
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 160A
CME Hour: 1
UAN: 0391-9999-16-042-L04-P
ASCLS P.A.C.E.®: 1
TAP

120 Science in 30 Seconds: Develop an Elevator Speech
8:15 a.m. – 9:00 a.m.
BCEC, Exhibit and Poster Hall, Halls A and B
CME Hours: 0.75
UAN: 0391-9999-16-044-L04-P
ASCLS P.A.C.E.®: 2.5
CSE

121 Symposium - Microbiology Research Funding Opportunities
8:15 a.m. – 9:45 a.m.
BCEC, Meeting Room 259A
CME Hours: 1.5
UAN: 0391-9999-16-108-L04-P
ASCLS P.A.C.E.®: 1.5
POM

122 This Week in Virology (TWiV)
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 210A

123 Plenary - Agribiomes: Friends of Friends and Foes of Foes
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 205A

124 Plenary - Everything in Its Place: Constructing and Coordinating the Bacterial Cell
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 210B

125 Plenary - Sex-specific Factors and the Pathogenesis of Infectious Diseases
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 258A

126 Plenary - The Urban Water Cycle Microbiome
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 253A

127 Slide Session - Hand Hygiene and Environmental Issues in the Healthcare Setting
8:15 a.m. – 10:45 a.m.
Renaissance, Pacific Grand Ballroom D
CME Hours: 2.5
UAN: 0391-9999-16-044-L04-P
ASCLS P.A.C.E.®: 2.5
CSE

128 Slide Session - New Insights on Emerging Resistance Mechanisms in Gram-Negatives
8:15 a.m. – 10:45 a.m.
Renaissance, Atlantic Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-045-L04-P
ASCLS P.A.C.E.®: 2.5
TAP

Exhibit Hall & Poster Viewing Open
8:00 a.m. – 3:00 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.
129 Slide Session - Parasitology and Anti-parasitic Agents
8:15 a.m. – 10:45 a.m.
Renaissance, Pacific Grand Ballroom A
CME Hours: 2.5
UAN: 0391-9999-16-046-L04-P
ASCLS P.A.C.E.®: 2.5

130 Symposium - Bacterial Communication
8:15 a.m. – 10:45 a.m.
WTC, Cityview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-047-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

131 Symposium - Controversies in Antimicrobial Stewardship
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 254A
CME Hours: 2.5
UAN: 0391-9999-16-048-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

132 Symposium - CRISPR Screens for Host Factors Critical for Pathogen Action
8:15 a.m. – 10:45 a.m.
BCEC, Grand Ballroom West

133 Symposium - Decreased Antibiotic Efficacy in Renal Impairment: Are We Getting the Dose Wrong? (Organized in Cooperation with the Society of Infectious Diseases Pharmacists (SIDP))
8:15 a.m. – 10:45 a.m.
Westin, Marina Ballroom II
CME Hours: 2.5
UAN: 0391-9999-16-049-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

134 Symposium - Fresh Approaches to Antibiotic Drug Discovery: Breaking from Convention
8:15 a.m. – 10:45 a.m.
Westin, Grand Ballroom B
CME Hours: 2.5
UAN: 0391-9999-16-050-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

135 Symposium - GBS Diseases: Global Challenges
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 156A
CME Hours: 2.5
UAN: 0391-9999-16-051-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

136 Symposium - Getting Hired: Job Search Strategies and Crafting Your CV/Resume
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 206A
CME Hours: 2.5
UAN: 0391-9999-16-052-L04-P
ASCLS P.A.C.E.®: 2.5

137 Symposium - Guess the Resistance Mechanism (Organized in Cooperation with the Society of Infectious Diseases Pharmacists (SIDP))
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 157A
CME Hours: 2.5
UAN: 0391-9999-16-053-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

138 Symposium - Hot Topics in Vaccines (Organized in Cooperation with the Pediatric Infectious Diseases Society (PIDS))
8:15 a.m. – 10:45 a.m.
WTC, Harborside Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-054-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

139 Symposium - The Human Microbiome as a Reservoir of Antimicrobial Resistance Genes
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 204A
CME Hours: 2.5
UAN: 0391-9999-16-055-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

140 Symposium - Models and Technologies for Studying Pathogenesis
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 257A
CME Hours: 2.5
UAN: 0391-9999-16-056-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

141 Symposium - Non-Tuberculous Mycobacteria (Organized in Cooperation with the International Society for Chemotherapy for Infection and Cancer (ISC))
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 104A
CME Hours: 2.5
UAN: 0391-9999-16-057-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

142 Symposium - On Your Bench, Get Set, Go! Practical Updates for the Clinical Microbiologist
8:15 AM - 10:45 AM
BCEC, Meeting Room 160A
CME Hours: 2.5
UAN: 0391-9999-16-058-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

143 Symposium - Practical Considerations and Novel Applications of MALDI-TOF MS in the Clinical Laboratory
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 153A
CME Hours: 2.5
UAN: 0391-9999-16-059-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

144 How Can I Put This?: Creating Analogies
9:15 a.m. – 10:00 a.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone
CME Hour: 0.75
UAN: 0391-9999-16-060-L04-P
ASCLS P.A.C.E.®: 0.5
GENERAL SESSION
145 President’s Forum - Viruses: Vital Members of Polymicrobial Communities
11:00 a.m. – 12:30 p.m.
BCEC, Exhibit Hall C
CME Hour: 1
UAN: 0391-9999-16-061-L04-P
ASCLS P.A.C.E.®: 1
See page 20 for details.

AFTERNOON
146 Peer-to-Peer Exchange Session
12:15 p.m. – 1:00 p.m.
BCEC, Exhibit and Poster Hall,
Peer-to-Peer Exchange Zone
See insert in registration packet and ASM events mobile app for scheduled topics

147 Career Talk - Marie-Claire Rowlinson; Florida Dept. of Health
12:30 p.m. – 1:00 p.m.
BCEC, Exhibit and Poster Hall,
Professional Development Zone

Speaker Connection Session
12:30 p.m. – 1:00 p.m.
BCEC, Exhibit and Poster Hall,
Speaker Connection Zone
See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

Yoga Break
12:45 p.m. – 1:00 p.m.
BCEC, Exhibit and Poster Hall,
Wellness Zone

Industry & Science Showcase - Aptima: The Latest Generation HIV-1 Viral Load Assay
12:45 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall,
Industry & Science Showcase A, Booth 144
Supported by Hologic

Industry & Science Showcase - Performance of Morphokinetic Cellular Analysis (MCA) for Fast Phenotypic Antimicrobial Susceptibility Testing of Positive Blood Cultures
12:45 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall,
Industry & Science Showcase B, Booth 1844
Supported by Accelerate Diagnostics

Poster Presentations,
Late-breaker Presentations, and Poster Walks
12:45 p.m. – 2:45 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B
To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.

199 Career Talk - Crystal R. Icenhour; Aperiomics, Inc.
1:15 p.m. – 1:45 p.m.
BCEC, Exhibit and Poster Hall,
Professional Development Zone

Speaker Connection Session
1:15 p.m. – 1:45 p.m.
BCEC, Exhibit and Poster Hall,
Speaker Connection Zone
See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

200 Peer-to-Peer Exchange Session
1:15 p.m. – 2:00 p.m.
BCEC, Exhibit and Poster Hall,
Peer-to-Peer Exchange Zone
See insert in registration packet and ASM events mobile app for scheduled topics

Industry & Science Showcase - The Future of NGS in Clinical Microbiology
1:45 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase A, Booth 144
Supported by Illumina

Industry & Science Showcase - From Next Generation Sequencing to qPCR—Genetic Analysis Solutions for Pathogen Detection
1:45 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall,
Industry & Science Showcase B, Booth 1844
Supported by ThermoFisher Scientific

Refreshment Break
2:00 p.m. – 2:45 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

Speaker Connection Session
2:00 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall,
Speaker Connection Zone

Afternoon Recharge
2:00 p.m. – 2:15 p.m.
BCEC, Exhibit and Poster Hall,
Wellness Zone

203 Career Talk - Kendra Chittenden; USAID
2:00 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall,
Professional Development Zone

Fun with Fungi
2:45 p.m. – 3:15 p.m.
BCEC, CSE Track Hub, Level 2, Northwest Lobby

203a Symposium - Alexander Fleming and the Beginnings of Biofilm Research
2:45 p.m. – 3:45 p.m.
BCEC, Meeting Room 257A
CME Hour: 1
UAN : 0391-9999-16-167-L04-P

204 ASM ¡En Vivo!
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 210A

# \# Additional Registration Fee Required
205 Slide Session - Carbapenemases
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 156A
CME Hours: 2.5
UAN: 0391-9999-16-062-L04-P
ASCLS P.A.C.E.®: 2.5

206 Slide Session - Clostridium difficile Epidemiology and Control
2:45 p.m. – 5:15 p.m.
WTC, Cityview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-063-L04-P
ASCLS P.A.C.E.®: 2.5

207 Slide Session - Deciphering New Mechanisms of Antimicrobial Resistance and Tolerance in Gram-positive Bacteria
2:45 p.m. – 5:15 p.m.
Westin, Marina Ballroom III
CME Hours: 2.5
UAN: 0391-9999-16-064-L04-P
ASCLS P.A.C.E.®: 2.5

208 Symposium - Antimicrobial Stewardship Success Stories
2:45 p.m. – 5:15 p.m.
WTC, Harborview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-065-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE, TAP

209 Symposium - Case Management of Tropical Infectious Diseases and Travel Medicine (Organized in Cooperation with the American Society of Tropical Medicine and Hygiene (ASTMH))
2:45 p.m. – 5:15 p.m.
WTC, Amphitheater
CME Hours: 2.5
UAN: 0391-9999-16-066-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
TAP

210 Symposium - Cases in Clinical Microbiology
2:45 p.m. – 5:15 p.m.
WTC, Waterfront Ballroom 2
CME Hours: 2.5
UAN: 0391-9999-16-067-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

211 Symposium - Crossing the Diagnostic Divide: The Ongoing Evolution of the Revolution in Clinical and Public Health Microbiology
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 206A
CME Hours: 2.5
UAN: 0391-9999-16-068-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

212 Symposium - Effective Interviewing Skills and Job Offer Negotiation
2:45 p.m. – 5:15 p.m.
Westin, Marina Ballroom II
CME Hours: 2.5
UAN: 0391-9999-16-069-L04-P
ASCLS P.A.C.E.®: 2.5
POM

213 Symposium - Emerging Viral Infections
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 104A
CME Hours: 2.5
UAN: 0391-9999-16-070-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

214 Symposium - Environmental Control of Bacterial Cell Cycle
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 157A
AES, MBP

215 Symposium - Evolution of Microbial Consortia
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom E
AES, EES

216 Symposium - Getting into a Rhythm: Microbial Influence on Biological Clocks
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 258A
EES, HMB, MBP

217 Symposium - Growing the Tree of Life
2:45 p.m. – 5:15 p.m.
Renaissance, Atlantic Ballroom 1
AES, EES

218 Symposium - Keeping the Batteries Charged
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom F
AES, EES

219 Symposium - Making an Impact: Utilization and Outcomes in the Microbiology Lab
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 204A
CME Hours: 2.5
UAN: 0391-9999-16-071-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

220 Symposium - May the Force Be With You: Microbial Mechano sensing
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 259A
HMB

221 Symposium - Microbes that Link C, N, and P Cycles
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom D
AES, EES

222 Symposium - Microbial Communication via Surface Structures
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 160A
AES, EES, MBP
223 Symposium - Microbiotology: Let’s Spend Some Time Together
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 205A
EES, HMB

224 Symposium - Next-Generation Antimicrobial Discovery, Development, and Susceptibility Testing
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 153A
ME Hours: 2.5
UAN: 0391-9999-16-072-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE

225 Symposium - Nutrient Acquisition by Intravacuolar Pathogens
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 253A
HMB, MBP

226 Symposium - Regulating with RNA
2:45 P.m. – 5:15 p.m.
BCEC, Meeting Room 254A
MBP

227 Symposium - The Science of Learning
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 210B
CME Hours: 2.5
UAN: 0391-9999-16-073-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
POM

228 Symposium - Sorting Out the Signals: Sensing and Signaling through Second Messengers
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 252A
HMB

229 Symposium - Technology Enhanced Learning for the Infectious Diseases and Microbiology Educator (Supported jointly by IDSA and AMSMIC)
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom A
CME Hours: 2.5
UAN: 0391-9999-16-074-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
POM

EVENING

Division C Business Meeting
5:30 p.m. – 6:30 p.m.
BCEC, Meeting Room 153A

Division W Business Meeting
5:30 p.m. – 6:30 p.m.
BCEC, Meeting Room 206A

Division Y Annual Business Meeting
5:30 p.m. – 7:00 p.m.
BCEC, Meeting Room 257A

Fellows Recognition (Invite Only)
5:30 p.m. – 7:00 p.m.
Westin, Grand Ballroom A

Division Z Meeting and Mixer
5:45 p.m. – 7:00 p.m.
BCEC, Meeting Room 204A

Division I Business Meeting
6:00 p.m. – 7:00 p.m.
BCEC, Meeting Room 259A

Division G Business Meeting and Social Event
6:00 p.m. – 8:00 p.m.
Westin, Griffin

Division B and D Business Meeting and Award Ceremony
6:30 p.m. – 7:30 p.m.
Westin, Marina Ballroom III

Ambassadors’ Reception
6:30 p.m. – 8:00 p.m.
Renaissance, Pacific Grand Ballroom E

ABMM/ABMLI Diplomate Reception
6:30 p.m. – 8:00 p.m.
Renaissance, Pacific Grand Ballroom F

Education Board Reception (Invite Only)
6:30 p.m. – 8:00 p.m.
Renaissance, Pacific Grand Ballroom D

33rd Annual Minority Microbiologists Mixer
6:30 p.m. – 8:00 p.m.
Renaissance, Atlantic Ballroom 1

Committee on the Status of Women in Microbiology Reception
6:30 p.m. – 8:00 p.m.
Renaissance, Pacific Grand Ballroom A

Division AA Dinner
6:30 p.m. – 9:00 p.m.
See ASM events mobile app for location information

Industry & Science Symposium - Transforming Microbiology, Optimizing Outcomes
6:45 p.m. – 8:00 p.m.
WTC, Cityview Ballroom
Supported by BD Diagnostics

Industry & Science Symposium - Industrial Metagenomics - Large Scale Analysis for Food Safety
6:45 p.m. – 10:00 p.m.
BCEC, Grand Ballroom West
Supported by UC Davis, IBM, Mars, Inc. and Bio-Rad

Industry & Science Symposium - Predicting Infections in Transplant Patients: Cellular Immune Assays for Tuberculosis and CMV
6:45 p.m. – 8:30 p.m.
Aloft Boston Seaport, Mann Ballroom
Supported by Oxford Immunotec

Industry & Science Symposium - Modern MRSA Screening: Where We’ve Been, Where We Are, What’s Next
6:45 p.m. – 8:30 p.m.
Westin, Harbor Ballroom
Supported by Roche Diagnostics

Industry & Science Symposium - Multidrug-resistant Gram-negative Infections: Emerging or Established Threat?
6:45 p.m. – 9:00 p.m.
BCEC, Grand Ballroom East
Supported by Tetraphase Pharmaceuticals

ASM Officers’ Reception (Invite Only)
7:30 p.m. – 9:00 p.m.
Westin, Grand Ballroom B
### Registration

**Attendee Registration**  
BCEC, North Lobby  
6:00 a.m. – 6:00 p.m.

**Exhibitor Registration**  
6:00 a.m. – 3:30 p.m.

### Speaker Ready Rooms

Please note the location for your session to upload your presentation at the proper location.

#### Session location: BCEC/Westin

Presentations upload:  
6:00 a.m. – 6:15 p.m.  
BCEC, Meeting Room 152

#### Session location: Renaissance

Presentations upload:  
6:00 a.m. – 5:00 p.m.  
Renaissance, Bering Boardroom

#### Session location: WTC

Presentations upload:  
6:00 a.m. – 5:00 p.m.  
WTC, Washington

### Services

#### Coat Check

6:00 a.m. – 6:45 p.m.  
BCEC, Meeting Room 106, East Lobby Exhibit Level

#### Information Desk

6:00 a.m. – 6:45 p.m.  
BCEC, North Lobby

#### Mobile App Support Desk

6:00 a.m. – 6:00 p.m.  
BCEC, North Lobby

#### Nursing Room

7:00 a.m. – 6:30 p.m.

### Prayer Room

7:00 a.m. – 6:30 p.m.

### Press Room

7:30 a.m. – 5:00 p.m.  
BCEC, Meeting Room 151A

### Connect and Interact

#### AAM Fellows Lounge

7:00 a.m. – 4:30 p.m.  
BCEC, Meeting Room 103

#### Agar Art Gallery

7:00 a.m. – 6:30 p.m.  
BCEC, Level 2, East Prefunction

#### CHOMA Exhibit

7:00 a.m. – 6:30 p.m.  
BCEC, Level 1, Northwest Lobby A

#### Early Career Lounge

7:00 a.m. – 6:30 p.m.  
BCEC, Meeting Room 105

### Track Hubs

7:00 a.m. – 6:30 p.m.

#### AES Track Hub

BCEC, Level 1, Northeast Lobby A

#### CSE Track Hub

BCEC, Level 2, Northwest Lobby

#### EES Track Hub

BCEC, Level 1, Northeast Lobby B1

#### HMB Track Hub

BCEC, Level 1, Southeast Lobby B2

#### MBP Track Hub

BCEC, Level 1, Southeast Lobby C

#### TAP Track Hub

BCEC, Level 2, Northeast Lobby

### Work Hubs

BCEC, Level 2, Southeast Lobby

### Poster Information

#### BCEC, Exhibit and Poster Hall, Halls A and B

#### Poster Assistance

6:30 a.m. – 8:00 a.m.  
(outside Hall A)

#### Poster Mounting

6:30 a.m. – 3:00 p.m.

#### Poster Support

6:30 a.m. – 3:00 p.m.

#### Call4Poster and iPoster Counter:

6:30 a.m. – 3:00 p.m.

#### Poster Storage

6:30 a.m. – 3:00 p.m.

#### Poster Dismantle

3:00 p.m. – 4:30 p.m.

### MORNING

**SUNDAY, JUNE 19, 2016**
ID Fellows Breakfast (Invite Only)
6:00 a.m. – 7:00 a.m.
BCEC, Meeting Room 109A

Pilates Remix
6:00 a.m. – 7:00 a.m.
Seaport, Constitution Room

Vinyasa Yoga Flow
6:00 a.m. – 7:00 a.m.
Westin Copley Place, Great Republic Room

Center for the History of Microbiology/ASM Archives Meeting (Invite Only)
6:45 a.m. – 8:00 a.m.
Westin, Hancock

College Board Meeting
7:00 a.m. – 8:00 a.m.
Westin, Bulfinch

Committee on Awards (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Alcott

MMBR Editors’ Meeting (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Douglass

230 Meet-the-Experts - Difficult Viral Infections in HSCT
7:00 a.m. – 8:00 a.m.
WTC, Amphitheater
CME Hour: 1
UAN: 0391-9999-16-075-L04-P
ASCLS P.A.C.E.®: 1
TAP

231 Meet-the-Experts - Fecal Transplantation for *Clostridium difficile* Infection
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 206A
CME Hour: 1
UAN: 0391-9999-16-076-L04-P
ASCLS P.A.C.E.®: 1
CSE, TAP

232 Meet-the-Experts - How to Use Behavioral Theories to Design an Effective Antimicrobial Stewardship Program
7:00 a.m. – 8:00 a.m.
WTC, Harborview Ballroom 1
CME Hour: 1
UAN: 0391-9999-16-077-L04-P
ASCLS P.A.C.E.®: 1
TAP

233 Meet-the-Experts - How to Write an Abstract
7:00 a.m. – 8:00 a.m.
Westin, Marina Ballroom II
CME Hour: 1
UAN: 0391-9999-16-079-L04-P
ASCLS P.A.C.E.®: 1
CSE

234 Meet-the-Experts - IGRAs for Risk Stratifying Transplant Donors and Recipients
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 206A
CME Hour: 1
UAN: 0391-9999-16-079-L04-P
ASCLS P.A.C.E.®: 1
CSE

235 Meet-the-Experts - Let’s Talk about Sex! STIs and the Challenges of Diagnosis and Treatment
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 259A
CME Hour: 1
UAN: 0391-9999-16-080-L04-P
ASCLS P.A.C.E.®: 1
CSE, TAP

236 Meet-the-Experts - Immunoconstitution (IRIS): How to Diagnose? How to Differentiate? How to Treat? (Organized in Cooperation with the Immunocompromised Host Society (ICHS))
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 204A
CME Hour: 1
UAN: 0391-9999-16-081-L04-P
ASCLS P.A.C.E.®: 1
CSE

237 Meet-the-Experts - Recurrent Fever in Children: Separating the Wheat from the Chaff
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 160A
CME Hour: 1
UAN: 0391-9999-16-082-L04-P
ASCLS P.A.C.E.®: 1
CSE

238 Meet-the-Experts - Update on Chikungunya Epidemiology, Treatment and Vaccination (Organized in Cooperation with the American Society of Tropical Medicine and Hygiene (ASTMH))
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 157A
CME Hour: 1
UAN: 0391-9999-16-083-L04-P
ASCLS P.A.C.E.®: 1
CSE

239 Meet-the-Experts - Update on the Treatment of HCV/HIV Co-infection
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 252A
CME Hour: 1
UAN: 0391-9999-16-084-L04-P
ASCLS P.A.C.E.®: 1
CSE, TAP

240 Meet-the-Experts - What’s New with Varicella
7:00 a.m. – 8:00 a.m.
WTC, Waterfront Ballroom 2
CME Hour: 1
UAN: 0391-9999-16-085-L04-P
ASCLS P.A.C.E.®: 1
CSE

Exhibit Hall & Poster Viewing Open
8:00 a.m. – 3:00 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.
Antifungal Stewardship
8:15 a.m. – 8:45 a.m.
BCEC, TAP Track Hub, Level 2, Northeast Lobby

Microbiology Sing-Along
8:15 a.m. – 8:45 a.m.
BCEC, CSE Track Hub, Level 2, Northwest Lobby

241 Once Upon a Time, in a Lab Far Away?: Telling Your Science as a Story
8:15 a.m. – 9:00 a.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone

242 Plenary - Antimicrobial Therapy: Double-edged Sword
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 210B

243 Plenary - Bacterial Film Stars: Microscopic Actions and Macroscopic Consequences in Biofilms
8:15 a.m. – 10:45 a.m.
Westin, Grand Ballroom B

244 Plenary - Microbiology of the Anthropocene
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 258A

245 Plenary - Viruses as Master Manipulators
8:15 a.m. – 10:45 a.m.
BCEC, Grand Ballroom West

246 Slide Session - Clinical Mycology
8:15 a.m. – 10:45 a.m.
Renaissance, Pacific Grand Ballroom F

247 Slide Session - Innovations and Challenges in Pharmacokinetics/Pharmacodynamics (PK/PD)
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 156A

248 Slide Session - Nosocomial Outbreaks
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 104A

249 Symposium - Antimicrobial Resistance Control: A One-health Approach
8:15 a.m. – 10:45 a.m.
WTC, Cityview Ballroom 1

250 Symposium - Beyond the Bench: The Intangibles of Being a Microbiologist
8:15 a.m. – 10:45 a.m.
Westin, Marina Ballroom III

251 Symposium - Big Challenges in Pre-clinical Med Student Microbiology Education (Supported jointly by IDSA and AMSMIC)
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 204A

252 Symposium - Broadly Neutralizing Antibodies
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 254A

253 Symposium - The Calm before the Storm: A Practical Guide for Surveillance of Carbapenem-resistant and Carbapenemase-producing Organisms (CRO/CPO)
8:15 a.m. – 10:45 a.m.
Renaissance, Atlantic Ballroom 1

254 Symposium - Clinical Applications of Next Generation Sequencing
8:15 a.m. – 10:45 a.m.
Renaissance, Pacific Grand Ballroom E

255 Symposium - Control of C. difficile Infection
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 153A

256 Symposium - Decoding Contamination: Addressing Contamination in the Laboratory, the Hospital and the World
8:15 a.m. – 10:45 a.m.
Renaissance, Pacific Grand Ballroom D
<table>
<thead>
<tr>
<th>Symposium</th>
<th>Title</th>
<th>Time</th>
<th>Location</th>
<th>CME Hours</th>
<th>UAN</th>
<th>ASCLS P.A.C.E.®</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>257</td>
<td>Encephalitis: What Is New? (Supported Jointly with the Société de Pathologie Infectieuse de Langue Française (SPIF))</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 257A</td>
<td>2.5</td>
<td>0391-9999-16-098-L04-P</td>
<td>Varies, see page 74</td>
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<tr>
<td>258</td>
<td>Forty Years after the Double Bind</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 259A</td>
<td>2.5</td>
<td>0391-9999-16-099-L04-P</td>
<td>Varies, see page 74</td>
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<tr>
<td>259</td>
<td>Harmful Effects of Biocide Overuse in Humans and the Environment (Supported Jointly by the Society for Applied Microbiology (SIAM))</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>WTC, Waterfront Ballroom 2</td>
<td>2.5</td>
<td>0391-9999-16-100-L04-P</td>
<td>Varies, see page 74</td>
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<tr>
<td>260</td>
<td>Microbial Speciation and Antimicrobial Resistance Evolution in the Genomic Era</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 252A</td>
<td>2.5</td>
<td>0391-9999-16-101-L04-P</td>
<td>Varies, see page 74</td>
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<tr>
<td>261</td>
<td>Novel Insights Regarding the Microbiome and Pregnancy (Organized in Cooperation with the Infectious Diseases Society of Obstetrics and Gynecology (IDSO))</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 253A</td>
<td>2.5</td>
<td>0391-9999-16-102-L04-P</td>
<td>Varies, see page 74</td>
<td></td>
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<tr>
<td>262</td>
<td>Optimal Use of Rapid Diagnostics in the Clinical Microbiology Laboratory for Quality Improvement and Clinical Care</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 157A</td>
<td>2.5</td>
<td>0391-9999-16-104-L04-P</td>
<td>Varies, see page 74</td>
<td></td>
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<tr>
<td>263</td>
<td>Pneumonia Etiology of Infants in Resource Limited Settings: 2016 Update on Diagnostics, Prevention and Treatment (Supported jointly by Bill &amp; Melinda Gates Foundation) (Organized in Cooperation with the American Society of Tropical Medicine and Hygiene (ASTMH))</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 157A</td>
<td>2.5</td>
<td>0391-9999-16-104-L04-P</td>
<td>Varies, see page 74</td>
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<td>264</td>
<td>Preventing Pediatric Infection (Supported jointly by the Bill &amp; Melinda Gates Foundation) (Organized in Cooperation with the Pediatric Infectious Diseases Society (PIDS))</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>WTC, Harborview Ballroom 1</td>
<td>2.5</td>
<td>0391-9999-16-105-L04-P</td>
<td>Varies, see page 74</td>
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<tr>
<td>265</td>
<td>Surveillance for the 21st Century</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 253A</td>
<td>2.5</td>
<td>0391-9999-16-106-L04-P</td>
<td>Varies, see page 74</td>
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<tr>
<td>266</td>
<td>Top 10 Papers in Clinical Mycology (Organized in Cooperation with the Immunocompromised Host Society (ICH) &amp; European Confederation of Medical Mycology (ECMM))</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC, Meeting Room 205A</td>
<td>2.5</td>
<td>0391-9999-16-107-L04-P</td>
<td>Varies, see page 74</td>
<td></td>
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<tr>
<td>267</td>
<td>What's in the Pipeline? Recently Approved and Experimental Antimicrobial Agents</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>WTC, Amphitheater</td>
<td>2.5</td>
<td>0391-9999-16-109-L04-P</td>
<td>Varies, see page 74</td>
<td></td>
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<tr>
<td>268</td>
<td>When the Standard PK/PD Model Does not Apply</td>
<td>8:15 a.m. – 10:45 a.m.</td>
<td>BCEC Level 2, Southwest Lobby</td>
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<td>269</td>
<td>Wikipedia Edit-a-Thon</td>
<td>8:15 a.m. – 12:15 p.m.</td>
<td>BCEC, CSE Track Hub, Level 2, Northwest Lobby</td>
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<td>270</td>
<td>Microbiology in the World of Social Media</td>
<td>9:15 a.m. – 10:00 a.m.</td>
<td>BCEC, Exhibit and Poster Hall, Professional Development Zone</td>
<td>0.5</td>
<td>0391-9999-16-110-L04-P</td>
<td>0.5</td>
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<tr>
<td>271</td>
<td>Speaker Connection Session</td>
<td>11:00 a.m. – 11:30 a.m.</td>
<td>BCEC, Exhibit and Poster Hall, Speaker Connection Zone</td>
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</table>
**GENERAL SESSION**

271 Antimicrobial Research Award Lecture: Quinolone and Multidrug Resistance – A Formidable Foe
11:00 a.m. – 12:00 p.m.
BCEC, Grand Ballroom East
CME Hour: 1
UAN: 0391-9999-16-111-L04-P
ASCLS P.A.C.E.®: 1
Award Supported by a grant from Merck

Please see page 21 for details.

**SUNDAY, JUNE 19, 2016**

**Speaker Connection Session**
11:45 a.m. – 12:15 p.m.
BCEC, Exhibit and Poster Hall, Speaker Connection Zone

See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

**AFTERNOON**

**Yoga Break**
12:15 p.m. – 12:30 p.m.
BCEC, Exhibit and Poster Hall, Wellness Zone

**Refreshment Break**
12:15 p.m. – 1:00 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

**272 Peer-to-Peer Exchange Session**
12:15 p.m. – 1:00 p.m.
BCEC, Exhibit and Poster Hall, Peer-to-Peer Exchange Zone

See insert in registration packet and ASM events mobile app for scheduled topics

**273 Career Talk - Kevin Alby; Univ. of Pennsylvania**
12:30 p.m. – 1:00 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone

**Poster Presentations, Late-breaker Presentations, and Poster Walks**
12:30 P.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.

**Industry & Science Showcase - Microbial Genomics Pro Suite - Applied Microbial Genomics and Metagenomics in Agri/Food, Pharma, and Public Health**
12:45 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase A, Booth 144
Supported by Qiagen Bioinformatics

**Industry & Science Showcase - Introducing the CellASIC® ONIX2 Microfluidic System: Sophisticated Cell Culture of Yeast and Bacteria for Advanced Live Cell Imaging**
12:45 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase B, Booth 1844
Supported by MilliporeSigma

**Industry & Science Showcase - Overview of Clostridium difficile–Associated Diarrhea (CDAD)**
1:45 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase A, Booth 144
Supported by Merck

**328 Career Talk - Mary Sylvia; Wiley Rein LLP**
1:15 p.m. – 1:45 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone

**Industry & Science Showcase - Clinical Implications in the Treatment of Adult Patients With ABSSSI**
1:45 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Industry & Science Showcase B, Booth 1844
Supported by Merck

**Afternoon Recharge**
2:00 PM - 2:15 PM
BCEC, Exhibit and Poster Hall, Wellness Zone

**331 Career Talk - Heidi Ledford; Nature**
2:00 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone

**Speaker Connection Session**
1:15 p.m. – 1:45 p.m.
BCEC, Exhibit and Poster Hall, Speaker Connection Zone

See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers
Elizabethkingae Outbreak
2:15 p.m. – 2:45 p.m.
BCEC, CSE Track Hub, Level 2, Northwest Lobby

Education of Healthcare Professionals on Responsible Antibiotic Use: Unmet Needs
2:45 p.m. – 3:15 p.m.
BCEC, TAP Track Hub, Level 2, Northeast Lobby

332 Slide Session - Antimicrobial Stewardship II
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom F
CME Hours: 2.5
UAN: 0391-9999-16-112-L04-P
ASCLS P.A.C.E.®: 2.5

333 Slide Session - Epidemiology and Control of Nosocomial MDRO
2:45 p.m. – 5:15 p.m.
WTC, Harborview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-113-L04-P
ASCLS P.A.C.E.®: 2.5

334 Symposium - Answering the Threat of Emerging Viruses
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 205A
CSE, HMB, MBP

335 Symposium - ASM Lecturer’s Choice - The Real Function of CRISPR-Cas: Host Defense
2:45 p.m. – 5:15 p.m.
BCEC, Grand Ballroom West
AES, EES, MBP

336 Symposium - AST Update: Clinical and Laboratory Impact
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 160A
CME Hours: 2.5
UAN: 0391-9999-16-114-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

337 Symposium - At the Intersection of Art and Microbiology
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 259A
CME Hours: 2.5
UAN: 0391-9999-16-115-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

338 Symposium - Attacking the MDR Puzzle from the Other Direction: Non-Antibiotic Approaches to Treating Bacterial Infections
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 157A
CME Hours: 2.5
UAN: 0391-9999-16-116-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

339 Symposium - Bacterial Motility
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom A
HMB, MBP

340 Symposium - Cell Architecture and Structure: From Mechanism to Community Structure
2:45 p.m. – 5:15 p.m.
Renaissance, Pacific Grand Ballroom E
EES, MBP

341 Symposium - Emergent Behaviors from Bacterial Interactions
2:45 p.m. – 5:15 p.m.
Renaissance, Atlantic Ballroom 1
AES, EES

342 Symposium - Emerging Infections in HSCT: Limited Evidence (Organized in Cooperation with the European Society of Clinical Microbiology and Infectious Diseases (ESCMID))
2:45 p.m. – 5:15 p.m.
WTC, Cityview Ballroom 1
CME Hours: 2.5
UAN: 0391-9999-16-117-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

343 Symposium - Environmental Enteropathy During Infancy: Malnutrition and Growth Stunting (Supported jointly with the Bill & Melinda Gates Foundation) (Organized in Cooperation with the American Society of Tropical Medicine and Hygiene (ASTMH))
2:45 p.m. – 5:15 p.m.
Westin, Marina Ballroom II
CME Hours: 2.5
UAN: 0391-9999-16-118-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

344 Symposium - Every Host Is an Island: Eco-evolutionary Dynamics in Host-associated Microbial Communities
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 104A
AES, EES

345 Symposium - Foundations to Frontiers: The Molecular Revolution
2:45 p.m. – 5:15 p.m.
Westin, Grand Ballroom B
CME Hours: 2.5
UAN: 0391-9999-16-119-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

346 Symposium - Influence of Microbial Products on the Gut Microbiota or Host
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 258A
CSE, EES, HMB, MBP

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AES: Applied and Environmental Science
CSE: Clinical Science and Epidemiology
EES: Ecological and Evolutionary Science
HMB: Host-Microbe Biology
MBP: Molecular Biology and Physiology
TAP: Therapeutics and Prevention
POM: Profession of Microbiology
S: Additional Registration Fee Required

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347 Symposium - Microbial Mind Control  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 254A  
AES, EES, HMB

348 Symposium - More Trouble from Ticks in 2016  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 204A  
CME Hours: 2.5  
UAN: 0391-9999-16-120-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
CSE

349 Symposium - New Approaches to Microbial Cultivation: A Growth Industry  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 153A  
MBP, AES, CSE

350 Symposium - New Frontiers in HIV Cure  
2:45 p.m. – 5:15 p.m.  
Westin, Grand Ballroom A  
CME Hours: 2.5  
UAN: 0391-9999-16-121-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
TAP

351 Symposium - New insights into Urinary Tract Infections  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 252A  
CME Hours: 2.5  
UAN: 0391-9999-16-122-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
CSE, TAP

352 Symposium - Novel Insights into C. difficile Pathogenesis: Toxins and Beyond  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 156A  
CME Hours: 2.5  
UAN: 0391-9999-16-123-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
HMB, TAP

353 Symposium - Nontuberculous Mycobacterium (NTM) Infections Associated with Cardiopulmonary Bypass Surgery: Investigation of an Outbreak  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 210B  
CME Hours: 2.5  
UAN: 0391-9999-16-124-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
CSE, TAP

354 Symposium - Pixels, Paints, and Pop Culture: Unique Perspectives on Science Communication  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 257A  
CME Hours: 2.5  
UAN: 0391-9999-16-125-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
POM

355 Symposium - QuizBusters - So You Think You Know Clinical Microbiology?  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 253A  
CME Hours: 2.5  
UAN: 0391-9999-16-126-L04-P  
ASCLS P.A.C.E.®: 2.5  
CSE

356 Symposium - The Resistance Network: Interplay between Environmental, Community and Nosocomial Superbugs (Joint ASM-FEMS Symposium)  
2:45 p.m. – 5:15 p.m.  
BCEC, Meeting Room 206A  
CME Hours: 2.5  
UAN: 0391-9999-16-127-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
CSE

357 Symposium - Sucking It up and Squirting it out: Novel Findings in Bacterial Secretion Systems  
2:45 p.m. – 5:15 p.m.  
Renaissance, Pacific Grand Ballroom D  
HMB

358 Symposium - PK/PD Questions I Was Too Afraid to Ask (Organized in Cooperation with the International Society of Anti-Infective Pharmacology (ISAP))  
2:45 p.m. – 5:15 p.m.  
WTC, Amphitheater  
CME Hours: 2.5  
UAN: 0391-9999-16-128-L04-P  
ASCLS P.A.C.E.®: Varies, see page 74  
TAP

359 Maurice Hilleman Award Lecture: Towards a Universal Influenza Virus Vaccine  
5:30 p.m. – 6:30 p.m.  
BCEC, Grand Ballroom East  
CME Hour: 1  
UAN: 0391-9999-16-129-L04-P  
ASCLS P.A.C.E.®: 1  
Award supported by Merck  
Please see page 22 for details.

360 Movie - Clean Hands  
6:45 p.m. – 7:45 p.m.  
BCEC, Grand Ballroom East  
Supported by an educational grant from Merck & Co., Inc.

EVENING

AAC Editors’ Meeting (Invite Only)  
6:00 p.m. – 9:00 p.m.  
Westin, Otis

AEM Editors’ Meeting (Invite Only)  
6:00 p.m. – 9:00 p.m.  
Westin, Douglass

IAI Editors’ Meeting (Invite Only)  
6:00 p.m. – 9:00 p.m.  
Westin, Alcott

360 Movie - Clean Hands  
6:45 p.m. – 7:45 p.m.  
BCEC, Grand Ballroom East

ASM Council Meeting (Invite Only)  
6:45 p.m. – 9:00 p.m.  
Westin, Commonwealth A

Industry & Science Symposium - More Than a Gut Reaction: Effective Strategies to Treat and Prevent Recurrent C. difficile Infection  
7:00 p.m. – 9:00 p.m.  
Westin, Grand Ballroom AB  
Supported by an educational grant from Merck & Co., Inc.
**Registration**
BCEC, North Lobby

**Attendee Registration**
6:00 a.m. – 3:00 p.m.

**Exhibitor Registration**
6:00 a.m. – 3:00 p.m.

**Speaker Ready Rooms**
*Please note the location for your session to upload your presentation at the proper location.*

**Session location: BCEC/Westin**
Presentations upload:
6:00 a.m. – 5:00 p.m.
BCEC, Meeting Room 152

**Services**

**Coat Check**
6:00 a.m. – 5:30 p.m.
BCEC, Meeting Room 106, East Lobby Exhibit Level

**Information Desk**
6:00 a.m. – 5:30 p.m.
BCEC, North Lobby

**Nursing Room**
7:00 a.m. – 5:30 p.m.

**Prayer Room**
7:00 a.m. – 5:30 p.m.

**Press Room**
7:30 a.m. – 12:00 p.m.
BCEC, Meeting Room 151A

**Connect and Interact**

**AAM Fellows Lounge**
7:00 a.m. – 2:00 p.m.
BCEC, Meeting Room 103

**Agar Art Gallery**
7:00 a.m. – 5:15 p.m.
BCEC Level 2, East Prefunction

**CHOMA Exhibit**
7:00 a.m. – 5:15 p.m.
BCEC, Level 1, Northwest Lobby A

**Early Career Lounge**
7:00 a.m. – 5:15 p.m.
BCEC, Meeting Room 105

**Track Hubs**
7:00 a.m. – 5:15 p.m.

**AES Track Hub**
BCEC, Level 1, Northeast Lobby A

**CSE Track Hub**
BCEC, Level 2, Northwest Lobby

**EES Track Hub**
BCEC, Level 1, Northeast Lobby B1

**HMB Track Hub**
BCEC, Level 1, Southeast Lobby B2

**MBP Track Hub**
BCEC, Level 1, Southeast Lobby C

**TAP Track Hub**
BCEC, Level 2, Northeast Lobby

**Work Hubs**
BCEC Level 2, Southeast Lobby

**Poster Information**
BCEC, Exhibit and Poster Hall, Halls A and B

**Poster Assistance**
6:30 a.m. – 8:00 a.m.
(outside Hall A)

**Poster Mounting**
6:30 a.m. – 8:00 a.m.

**Poster Support**
6:30 a.m. – 3:00 p.m.

**Call4Poster and iPoster Counter**
6:30 a.m. – 1:00 p.m.

**Poster Storage**
6:30 a.m. – 3:00 p.m.

**Poster Dismantle**
2:30 p.m. – 3:00 p.m.
MORNING

AAC Editorial Board Meeting (Invite Only)
7:00 a.m. – 8:00 a.m.
Westin, Alcott

ID Fellows Breakfast (Invite Only)
6:00 a.m. – 7:00 a.m.
BCEC, Meeting Room 109A

361 Meet-the-Experts - Antiretroviral for Prevention
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 204A
CME Hour: 1
UAN: 0391-9999-16-130-L04-P
ASCLS P.A.C.E.®: 1

362 Meet-the-Experts - Control of Nosocomial Influenza Transmission: What Have We Missed?
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 157A
CME Hour: 1
UAN: 0391-9999-16-131-L04-P
ASCLS P.A.C.E.®: 1

363 Meet-the-Experts - Epidemiological Methods to Evaluate the Added Burden of MDRO Infection
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 206A
CME Hour: 1
UAN: 0391-9999-16-132-L04-P
ASCLS P.A.C.E.®: 1

364 Meet-the-Experts - From Phenotype to Molecular Detection: The Case of Carbapenemases
7:00 a.m. – 8:00 a.m.
Westin, Marina Ballroom II
CME Hour: 1
UAN: 0391-9999-16-133-L04-P
ASCLS P.A.C.E.®: 1

365 Meet-the-Experts - Management of Cytomegalovirus
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 257A
CME Hour: 1
UAN: 0391-9999-16-134-L04-P
ASCLS P.A.C.E.®: 1

366 Meet-the-Experts - PK/PD Optimization against Carbapenemase Producing Bacteria
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 259A
CME Hour: 1
UAN: 0391-9999-16-135-L04-P
ASCLS P.A.C.E.®: 1

367 Meet-the-Experts - Predicting the Impact of Antibiotic Stewardship on AMR: Simulations & Modeling
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 156A
CME Hour: 1
UAN: 0391-9999-16-136-L04-P
ASCLS P.A.C.E.®: 1

368 Meet-the-Experts - Who Paves the Way for Fungi: Genes or Doctors? (Organized in Cooperation with the Immunocompromised Host Society (ICHS))
7:00 a.m. – 8:00 a.m.
BCEC, Meeting Room 160A
CME Hour: 1
UAN: 0391-9999-16-137-L04-P
ASCLS P.A.C.E.®: 1

Speaker Connection Session
8:15 a.m. – 8:45 a.m.
BCEC, Exhibit and Poster Hall, Speaker Connection Zone
See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

369 Using Poll Everywhere to Engage your ID and Micro Learners
8:15 a.m. – 9:00 a.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone
CME Hour: 0.75
UAN: 0391-9999-16-138-L04-P
ASCLS P.A.C.E.®: 0.5

370 Infectious Disease Quiz
8:15 a.m. – 10:45 a.m.
BCEC, Grand Ballroom East
CME Hours: 2.5
UAN: 0391-9999-16-139-L04-P
ASCLS P.A.C.E.®: 2.5

371 Slide Session - Antiretrovirals for Prevention and Treatment
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 156A
CME Hours: 2.5
UAN: 0391-9999-16-140-L04-P
ASCLS P.A.C.E.®: 2.5

372 Slide Session - Clinical Virology
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 160A
CME Hours: 2.5
UAN: 0391-9999-16-141-L04-P
ASCLS P.A.C.E.®: 2.5

373 Slide Session - New Beta-lactamase and Carbapenemase Inhibitors
8:15 a.m. – 10:45 a.m.
BCEC, Meeting Room 257A
CME Hours: 2.5
UAN: 0391-9999-16-142-L04-P
ASCLS P.A.C.E.®: 1

Exhibit Hall & Poster Viewing Open
8:00 a.m. – 3:00 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.
374 Slide Session - RNA Modulation and Cellular Signals in Antimicrobial Resistance  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 157A  
CME Hours: 2.5  
UAN: 0391-9999-16-143-L04-P  
ASCLS P.A.C.E.: 1  
TAP

375 Symposium - 2016 Cutting Edge Prevention, Diagnosis, and Treatment of Meningitis in Africa (Organized in Cooperation with the American Society of Tropical Medicine and Hygiene (ASTMH))  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 254A  
CME Hours: 2.5  
UAN: 0391-9999-16-144-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE

376 Symposium - Aiming at Non-Conventional Approaches to TB Therapies (Supported Jointly with the Bill & Melinda Gates Foundation)  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 153A  
CME Hours: 2.5  
UAN: 0391-9999-16-145-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE, TAP

377 Symposium - Antimicrobial Resistance among Gram-positive Bacterial Pathogens: Continuous and Emerging Challenges, Mechanisms and Epidemiology  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 204A  
CME Hours: 2.5  
UAN: 0391-9999-16-146-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE, TAP

378 Symposium - Antimicrobial Toxicodynamics (Organized in Cooperation with the International Society of Anti-Infective Pharmacology (ISAP))  
8:15 a.m. – 10:45 a.m.  
Westin, Marina Ballroom II  
CME Hours: 2.5  
UAN: 0391-9999-16-147-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE, TAP

379 Symposium - Aspergillosis following Viral Infections  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 210B  
CME Hours: 2.5  
UAN: 0391-9999-16-148-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE

380 Symposium - Emerging Viral Challenges  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 104A  
CME Hours: 2.5  
UAN: 0391-9999-16-149-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE

381 Symposium - Late Breaking Clinical Microbiology Updates from Laboratory Practices and Professional Affairs Committee  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 259A  
CME Hours: 2.5  
UAN: 0391-9999-16-150-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE

382 Symposium - Myths in Infection Control  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 206A  
CME Hours: 2.5  
UAN: 0391-9999-16-151-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE, TAP

383 Symposium - Prevention and Treatment of Infection in the Immunocompromised Child & Adolescent  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 258A  
CME Hours: 2.5  
UAN: 0391-9999-16-152-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE

384 Symposium - Resistance Surveillance and Public Health  
8:15 a.m. – 10:45 a.m.  
BCEC, Meeting Room 205A  
CME Hours: 2.5  
UAN: 0391-9999-16-153-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE

385 Symposium - Update on the Laboratory Diagnosis of Urinary Tract Infections  
8:15 a.m. – 10:45 a.m.  
BCEC, Grand Ballroom West  
CME Hours: 2.5  
UAN: 0391-9999-16-154-L04-P  
ASCLS P.A.C.E.: Varies, see page 74  
CSE

386 Tips for Writing Grant Applications  
9:15 a.m. – 10:00 a.m.  
BCEC, Exhibit and Poster Hall, Professional Development Zone  
CME Hour: 0.75  
UAN: 0391-9999-16-155-L04-P  
ASCLS P.A.C.E.: 0.5  
POM

AES  
Applied and Environmental Science

CSE  
Clinical Science and Epidemiology

EES  
Ecological and Evolutionary Science

HMB  
Host-Microbe Biology

MBP  
Molecular Biology and Physiology

TAP  
Therapeutics and Prevention

POM  
Profession of Microbiology

S  
Additional Registration Fee Required
GENERAL SESSION

387 ICAAC Lecture: Clean Hands Save Lives: Worldwide Perspectives
11:00 a.m. – 12:00 p.m.
BCEC, Exhibit Hall C
CME Hour: 1
UAN: 0391-9999-16-156-L04-P
ASCLS P.A.C.E.®: 1

Poster Presentations, Late-breaker Presentations, and Poster Walks
12:30 p.m. – 1:30 p.m.
BCEC, Exhibit and Poster Hall, Halls A and B

To view the abstracts, please visit the Online Program Planner, ASM events mobile app, or iPosters site.

Afternoon Recharge
2:00 p.m. – 2:15 p.m.
BCEC, Exhibit and Poster Hall, Wellness Zone

Speaker Connection Session
2:00 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Speaker Connection Zone
See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

433 Career Talk - Dina Monsen; AstraZeneca Biologics
1:15 p.m. – 1:45 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone
POM

Speaker Connection Session
1:15 p.m. – 1:45 p.m.
BCEC, Exhibit and Poster Hall, Speaker Connection Zone
See Exhibit and Poster Hall Activity Guide and ASM events mobile app for scheduled speakers

434 Peer-to-Peer Exchange Session
1:15 p.m. – 2:00 p.m.
BCEC, Exhibit and Poster Hall, Peer-to-Peer Exchange Zone
See insert in registration packet and ASM events mobile app for scheduled topics

435 Career Talk - Gregory Jarosik and Amir Zeituni; NIAID
2:00 p.m. – 2:30 p.m.
BCEC, Exhibit and Poster Hall, Professional Development Zone
POM

436 Slide Session - Epidemiology and Control of MRSA
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 160A
CME Hours: 2.5
UAN: 0391-9999-16-157-L04-P
ASCLS P.A.C.E.®: 2.5
CSE

437 Slide Session - Staphylococcus aureus Infection Treatments: New Compounds, New Strategies
2:45 p.m. – 5:15 p.m.
Westin, Marina Ballroom II
CME Hours: 2.5
UAN: 0391-9999-16-158-L04-P
ASCLS P.A.C.E.®: 2.5
TAP

438 Symposium - Challenges of Infections in Lung Transplantation
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 156A
CME Hours: 2.5
UAN: 0391-9999-16-159-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
CSE, TAP

439 Symposium - Clinical Update on Hepatitis
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 210B
CME Hours: 2.5
UAN: 0391-9999-16-160-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
TAP
440 Symposium - Diagnostic and Therapeutic Challenges in MDR and XDR Gram-negatives: A Cases Based Discussion
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 254A
CME Hours: 2.5
UAN: 0391-9999-16-161-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 104A
CME Hours: 2.5
UAN: 0391-9999-16-162-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

442 Symposium - Interactive Cases in Pediatric Infectious Diseases (Organized in Cooperation with the Pediatric Infectious Diseases Society (PIDS))
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 153A
CME Hours: 2.5
UAN: 0391-9999-16-163-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

443 Symposium - Lyme Disease 2016 Update
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 206A
CME Hours: 2.5
UAN: 0391-9999-16-164-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

444 Symposium - Treatment of HIV Infection
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 258A
CME Hours: 2.5
UAN: 0391-9999-16-165-L04-P
ASCLS P.A.C.E.®: Varies, see page 74

445 Symposium - Tricky Choices Regarding Appropriate Antimicrobial Prescribing
2:45 p.m. – 5:15 p.m.
BCEC, Meeting Room 157A
CME Hours: 2.5
UAN: 0391-9999-16-166-L04-P
ASCLS P.A.C.E.®: Varies, see page 74
Travel Awards

ASM Microbe 2016 offers various travel awards to support attendees to travel to this meeting. For the full listing of the travel awards recipients, visit the meeting website www.asm.org/microbe2016.

- ASM Infectious Disease (ID) Travel Award
- ASM Minority Travel Award
- ASM New Tech Professional Development Award Program
- ASM Student and Postdoctoral Travel Award
- ASM Undergraduate Research Capstone Program
- ASM Undergraduate Research Fellowship
- Bill & Melinda Gates Foundation Travel Award for Scientists from Low and Low-Middle Income Countries
- Carlyn Halde Latin American Student Travel Award
- ICAAC Program Committee Awards
- Infectious Disease Fellows Program
- Morrison Rogosa Travel Award
- Mäkelä–Cassell Travel Award for Early Career Scientists
- NSF/ASM-LINK Undergraduate Faculty Research Initiative (UFRI) Fellowship
- Outstanding Student Abstracts
- The Richard and Mary Finkelstein Student Travel Award

ASM would like to thank the following for their contributions to the ASM Microbe 2016 Travel Awards

Stay Active! Participate in these wellness activities during ASM Microbe 2016.

Stop by the Wellness Zone in the Exhibit and Poster Hall for some quick stretching or seated exercises. Coloring supplies and play-doh will also be available.

Participate in the ASM Microbe Step Challenge for a chance to win prizes including a complimentary registration to ASM Microbe 2017, a FitBit Charge HR, and more!

1. Create an account with ChallengeRunner at www.asm.org/stepchallenge
2. Once an account is created, add a tracking device by clicking “Trackers” and select “Authorize.”
3. Log your steps by 5:00 p.m. each day from June 16 to 20 at www.asm.org/stepchallenge, or in the free ChallengeRunner mobile app (available from Apple App Store or Google Play store) to win a variety of prizes.

Please note: You are also welcome to self-report your steps each day via the ChallengeRunner app or at www.asm.org/stepchallenge.

Take the complimentary Vinyasa Yoga Flow and Pilates Remix classes provided by DanceFIT Studio (mats will be provided). Please complete the online waiver at www.asm.org/classwaiver before coming to class.

Vinyasa Yoga Flow
Saturday, June 18
6:00 a.m. – 7:00 a.m.
Seaport Boston Hotel

Sunday, June 19
6:00 a.m. – 7:00 a.m.
Westin, Copley Place

Pilates Remix
Saturday, June 18
6:00 a.m. – 7:00 a.m.
Westin, Copley Place

Sunday, June 19
6:00 a.m. – 7:00 a.m.
Seaport Boston Hotel
Major activities at each venue:

**BOSTON CONVENTION & EXHIBITION CENTER (BCEC)**
- Registration, Information and Mobile App Support Desk
- **Exhibit and Poster Hall** (including Peer-to-Peer Exchange Zone, Speaker Connection Zone, Professional Development Zone, Wellness Zone, and Industry and Science Showcases)
- Scientific Track Hubs and Work Hub
- Opening Keynote Session featuring Bill Gates
- General Sessions
- Courses/Workshops
- Scientific and Profession of Microbiology Sessions
- Speaker Ready Room
- Agar Art Gallery, CHOMA Exhibit, Early Career Lounge, AAM Fellows Lounge
- Industry and Science Symposia
- Committee and Business Meetings
- Receptions

**RENAISSANCE BOSTON WATERFRONT HOTEL (RENAISSANCE)**
- Satellite Registration (for pre-registered participants only, June 16–18)
- Scientific and Profession of Microbiology Sessions
- Speaker Ready Room
- Receptions

**WESTIN BOSTON WATERFRONT (WESTIN)**
- Courses
- Scientific and Profession of Microbiology Sessions
- Industry and Science Symposia
- Committee and Business Meetings
- Receptions

**SEAPORT BOSTON HOTEL & WORLD TRADE CENTER (WTC)**
- Opening Reception (WTC)
- Satellite Registration (Seaport, for pre-registered participants only, June 16–18)
- Scientific and Profession of Microbiology Sessions
- Speaker Ready Room
- Industry and Science Symposia
- Receptions
The Westin

MEETING SPACE OVERVIEW, PART ONE

Harbor Wing, Concourse Level

1. Galleria

Mezzanine Level

1. Frost
2. Tangent
3. Mezzanine Prefunction
4. Alcott
5. Adams
6. Douglass
7. Faneuil
8. Executive Boardroom
9. Half
10. Bulfinch

Lobby Level

1. Marina Ballroom
2. Marina Prefunction
3. Hancock
4. Otis
5. Paine
6. Quincy
7. Sauciety
8. Revere
9. Stone
10. Webster
MEETING SPACE OVERVIEW, PART TWO

Harbor Wing, Conference Level

1. Harbor Ballroom
2. Harbor Prefunction
3. Independence Boardroom
4. Burroughs
5. Carlton
6. Harbor Terrace
7. Griffin
8. Lewis

Concourse Level

1. Pavilion
2. Grand Ballroom
3. Grand Ballroom
4. Commonwealth Ballroom
5. Commonwealth Foyer
6. Elm
The Westin

MEETING SPACE MEZZANINE LEVEL

MEETING SPACE LOBBY LEVEL
The Westin

MEETING SPACE HARBOR WING
CONFERENCE LEVEL

MEETING SPACE CONCOURSE LEVEL
Seaport Hotel

THE MEZZANINE LEVEL (LEVEL 2)
**Shuttle Service to the Boston Convention & Exhibition Center**

Information is subject to change. Please check the sign in your hotel lobby and shuttle flyer upon arrival in Boston for more information and updates.

### Hours of Operation

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, June 16, 2016</td>
<td>6:30 a.m. – 8:30 p.m. *</td>
</tr>
<tr>
<td>Friday, June 17, 2016</td>
<td>6:00 a.m. – 8:30 p.m. *</td>
</tr>
<tr>
<td>Saturday, June 18, 2016</td>
<td>6:00 a.m. – 6:30 p.m. *</td>
</tr>
<tr>
<td>Sunday, June 19, 2016</td>
<td>6:00 a.m. – 7:30 p.m. *</td>
</tr>
<tr>
<td>Monday, June 20, 2016</td>
<td>6:00 a.m. – 6:00 p.m. *</td>
</tr>
</tbody>
</table>

* Indicates time that last shuttle departs convention center returning to hotels.

Last shuttle departs hotels coming to the convention center approximately 90 minutes prior to this time.

### Routes & Hotel Information

<table>
<thead>
<tr>
<th>Route</th>
<th>Hotel</th>
<th>Boarding Location</th>
<th>Approximate one-way travel time</th>
<th>Shuttle Frequency</th>
</tr>
</thead>
</table>
| 1     | Boston Park Plaza  
Courtyard Downtown Tremont  
DoubleTree Downtown  
Loews Boston Hotel  
Revere Hotel | Curbside on Columbus  
Curbside in front on Tremont  
At the Courtyard Downtown  
At the Boston Park Plaza  
Curbside on Stuart | 17-22 minutes  
Every 15-20 minutes |  
| 2     | Fairmont Copley Plaza  
Lenox Hotel  
Westin Copley Place | Curbside on Dartmouth  
At the Fairmont Copley Plaza  
At the Fairmont Copley Plaza | 20-25 minutes  
Every 15-20 minutes |  
| 3     | Colonnade Hotel  
Hilton Boston Back Bay  
Midtown Hotel  
Sheraton Boston Hotel & Towers | At the Sheraton Boston  
At the Sheraton Boston  
Curbside in front  
Curbside on Dalton | 20-25 minutes  
Every 15-20 minutes |  
| 4     | Hyatt Regency Downtown  
Omni Parker House | Curbside on Chauncy  
On Tremont - Sovereign Bank | 17-22 minutes  
Every 15-20 minutes |  
| 5     | InterContinental Hotel  
Marriott Long Wharf  
Hilton Downtown - Faneuil Hall  
Langham Hotel | Curbside in front  
Curbside on State  
Curbside on Broad  
Curbside on Franklin | 13-18 minutes  
Every 15-20 minutes |  
| 6     | Embassy Suites at Logan Airport  
Hilton Boston Logan Airport | Curbside on Porter  
Side of Hotel | 17-22 minutes  
Every 15-20 minutes |  
| 7     | Hampton Inn - Crotzowt Center  
Courtyard – South Boston  
Holiday Inn Express South Boston | Bagpores at front entrance  
At the Holiday Inn Express  
Curbside in front | 20-25 minutes  
Every 15-20 minutes |  
| 8     | Le Meriden Cambridge  
Royal Sonesta Cambridge | Landsdowne St. at Green St.  
Curbside in front | 30-40 minutes  
Scheduled  
Every 60 minutes  
Morning & Evening only  
No mid-day service |  
| 9     | Courtyard - Cambridge  
DoubleTree Suites Cambridge | Curbside in front  
Curbside in front | 25-35 minutes  
Scheduled  
Every 60 minutes  
Morning & Evening only  
No mid-day service |  
| Walk  | Aloft Hotel  
Element Hotel  
Renaissance Boston Waterfront  
Seaport Hotel  
Westin Boston Waterfront | | |  
| Public Transportation  
“T” Train | DoubleTree Club Bayside  
Liberty Hotel  
Wyndham Beacon Hill | | |  

Guests will be given a Charlie card to access the “T” public transportation. No shuttle service.

**Hotels located within walking distance of the Seaport World Trade Center and the Boston Convention & Exhibition Center. No shuttle service.**
Getting Around on the “T”

Boston’s subway system, locally called the “T”, is an easy and inexpensive way to get around the city and to the airport. The “T” has five color-coded lines – Red, Green, Orange, Blue, and Silver, serving many Boston neighborhoods plus parts of Cambridge, Somerville, Revere, Malden, Brookline, Newton, Milton, and Quincy. The World Trade Center Station (Silver Line) is conveniently located close to the ASM Microbe 2016 meeting campus. For more information on the “T”, visit www.mbta.com.

Exclusive to ASM Microbe attendees – $25 off Your First Ride With Uber!

Get a safe, reliable ride with the Uber app while in Boston attending ASM Microbe 2016. Request a ride with the tap of a button on your smartphone and a driver is curbside in minutes. Also check out uberPOOL, which allows you to share your ride for a fraction of the cost of uberX.

New to Uber? Download the app on your smartphone and receive $25 off your first ride using promo code ASMUSA, or signup at www.uber.com/go/ASMUSA.
Attendees of ASM Microbe 2016 will be able to claim the following types of credit:

- Continuing Medical Education—AMA PRA Category 1 Credits™
- Pharmacy
- P.A.C.E.® (Effective 2016, all ASM P.A.C.E.® accredited meeting activities must be claimed within 30 days of the presentation (by July 20, 2016)).
- California Clinical Laboratory Scientists
- Florida Clinical Laboratory Personnel
- Certificate of Participation

The sessions listed in the Clinical Science and Epidemiology, Therapeutics and Prevention and Professions of Microbiology tracks will offer CE credits, as well as some general sessions and courses and workshops.

*In order to provide the best science to ASM Microbe 2016 attendees, if a conflict of interest is discovered during content validation, CE credit is not offered for that specific session. For more information regarding ACCME compliance issues, please visit their web site.

ACCREDITED PROVIDER
This activity is jointly provided by The France Foundation and the American Society for Microbiology

ACCREDITATION STATEMENT
(Physicians) This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The France Foundation and the American Society for Microbiology. The France Foundation is accredited by the ACCME to provide continuing medical education for physicians.

(Pharmacy) The France Foundation is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

(Laboratory Science) ASM is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program.

Credit Designation

PHYSICIANS
The France Foundation designates this live activity for a maximum of 40.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Medical Association (AMA) has determined that physicians not licensed in the U.S. who participate in this CME activity are eligible AMA PRA Category 1 Credits™.

PHARMACISTS
The France Foundation is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education and will award 40.5 contact hours to pharmacists who (1) complete the activity and (2) submit a passing posttest (>75%) and an evaluation form. These are knowledge-based educational activities. The sessions offering ACPE credit will be designated in the registration materials with a Universal Activity Number (UAN) and hours of credit. Your CE credits will be submitted electronically to the CPE Monitor; paper certificates are no longer provided. CE providers must upload participant information within 60 days from the date the participant completed the live activity. To ensure your credit fulfillment, you must submit your credit request NO LATER THAN 45-days from the date this live activity. Credit requests made more than 60 days after the activity WILL BE REJECTED by CPE Monitor, and are beyond our control. For more information about CPE Monitor, visit http://www.nabp.net/programs/cpe-monitor/cpe-monitor-service/.
Professional Acknowledgment for Continuing Education (P.A.C.E.®) is an administrative system established to stimulate and serve as the quality assurance mechanism for continuing education programs offered to clinical laboratory professionals by ASCLS constituent societies, laboratory industry, government agencies, hospitals and educational organizations.

LABORATORY
Diplomates of the American Board of Medical Microbiology and the American Board of Medical Laboratory Immunology, and Registrants of the National Registry of Certified Microbiologists who are MDs and DOs may earn AMA PRA Category 1 Credits™ toward recertification. All other Diplomates and Registrants may claim P.A.C.E.®, CA or FL credits toward recertification. Each professional should claim credit commensurate with their level of participation in the activity.

CALIFORNIA CLINICAL LABORATORY SCIENTISTS (CLS)
The American Society for Microbiology is accredited by the California Department of Health Services to offer continuing education for California Clinical Laboratory Scientists. All sessions designated for CME or P.A.C.E.® credits will also qualify for California CE credits toward CLS license renewal.

FLORIDA CLINICAL LABORATORY PERSONNEL
The American Society for Microbiology is accredited by the Florida Department of Health to offer continuing education for Florida Clinical Laboratory Personnel. All sessions designated for CME or P.A.C.E.® credits will also qualify for Florida CE credits toward license renewal.

OTHER CE LICENSES
You may obtain a Participation Statement of Credit by completing the activity evaluation. This is a detailed statement that documents your participation in the activity.

DISCLOSURE POLICY
In accordance with the ACCME Standards for Commercial Support TFF and ASM require that individuals in a position to control the content of an educational activity disclose all relevant financial relationships with any commercial interest. TFF and ASM resolve all conflicts of interest to ensure independence, objectivity, balance, and scientific rigor in all their educational programs. Furthermore, TFF and ASM seek to verify that all scientific research referred to, reported, or used in a CME/CE activity conforms to the generally accepted standards of experimental design, data collection, and analysis. TFF and ASM are committed to providing learners with high-quality CME/CE activities that promote improvements in health care and not those of a commercial interest.

DISCLOSURE OF UNLABELLED USE
TFF and ASM require CME faculty (speakers) to disclose when products or procedures being discussed are off label, unlabelled, experimental, and/or investigational, and any limitations on the information that is presented, such as data that are preliminary, or that represent ongoing research, interim analyses, and/or unsupported opinion. Faculty in this activity may discuss information about pharmaceutical agents that is outside of US Food and Drug Administration approved labelling. This information is intended solely for continuing medical education and is not intended to promote off-label use of these medications. TFF and ASM do not recommend the use of any agent outside of the labelled indications. If you have questions, contact the Medical Affairs Department of the manufacturer for the most recent prescribing information.

ASM MICROBE LEARNING OBJECTIVES
ASM Microbe 2016 showcases some of the best microbial science in the world, providing a one-of-a-kind forum to explore the complete spectrum of microbiology from basic science to translational, applied, and clinical research. The meeting will be of interest to basic and applied researchers, clinical microbiologists, and infectious diseases practitioners. Upon completion of ASM Microbe 2016, attendees should be able to:

- Discuss key updates in the areas of cellular, environmental, ecological, and evolutionary microbiology, microbial pathogenesis, and infectious diseases, applied and clinical microbiology, pharmacology, and microbiology education.
- Recognize and interpret new information regarding physiology, genetics, ecology, evolution, cell biology, and antimicrobial resistance of microbes.
- Synthesize new data on the roles of microbes in the environment, industrial and food science, health, and disease.
- Recognize new therapeutics and prevention strategies for infectious diseases and antimicrobial resistance.
- Use new technologies, practices, and developments to improve epidemiology, research studies, and clinical practice.
- Promote multi-disciplinary dialogue and collaboration among clinicians and investigators.
ASM Microbe 2016 Intended Audience
ASM Microbe 2016 is designed to meet the needs of professionals in the field of microbiology, particularly clinical microbiologists, pathologists, researchers, pharmacists, physicians, and other health care professionals; cutting across all disciplines of microbiology. Current trends will be covered regarding:

- Applied and Environmental Science
- Clinical Science and Epidemiology
- Ecological and Evolutionary Science
- Host-Microbe Biology
- Molecular Biology and Physiology
- Therapeutics and Prevention
- Profession of Microbiology

ASM Microbe 2016 Disclaimer
The primary purpose of the sessions at ASM Microbe 2016 is education. Information presented, as well as publications, technologies, products, and/or services discussed, are intended to inform you about the knowledge, techniques, and experiences of professionals who are willing to share such information with colleagues. A diversity of professional opinions exists and the views of the faculty are offered solely for educational purposes. Faculty’s views neither represent those of ASM or TFF nor constitute endorsement by either association. ASM and TFF disclaim any and all liabilities for damages to any individual attending ASM Microbe 2016 and for all claims which may result from the use of this information, publications, technologies, products, and/or services at ASM Microbe 2016.

How to Claim Credit
Please visit ASM’s CE Portal ce.asm.org to claim credits for ASM Microbe 2016.

For questions, please email cmeservices@asmusa.org.

1. Keep your badge! You will need your registration confirmation number or badge ID to claim your credits.

2. Login to the ASM CE Portal with your ASM eStore user name and password. If you do not have a user name and password, select the “Need Help Logging In?” link.

3. Once logged in, you will be directed to your “My Activities” page.

4. Click on the “Claim Credits for Live Meetings” button on the right side of the screen.

5. Select “ASM Microbe 2016” from the Available Activities table.

6. On the Activities Overview Page, scroll to the bottom of the page to enter your badge ID. The badge ID may be obtained from your printed badge or from your emailed confirmation letter.

7. Select which session you attended and are claiming credits for. Choose what type of credit you would like to claim. The ASM Microbe 2016 offers multiple types of continuing education credit. Please choose the certificate that is applicable to your needs:

- Continuing Medical Education for physicians AMA PRA Category 1Credit(s)™
- Accreditation Council for Pharmacy Education (ACPE)
- Professional Acknowledgment for Continuing Education (P.A.C.E.®)
- California Clinical Laboratory Scientists (CLS)
- Florida Clinical Laboratory Personnel
- Participation

8. Answer evaluation questions and submit.

DISCLOSURE: It is the policy of The France Foundation to ensure balance, independence, objectivity, and scientific rigor in all its sponsored educational activities. All faculty, activity planners, content reviewers, and staff participating in CME activity will disclose to the participants any significant financial interest or other relationship with manufacturer(s) of any commercial product(s)/device(s) and/or provider(s) of commercial services included in this educational activity. The intent of this disclosure is not to prevent a person with a relevant financial or other relationship from participating in the activity, but rather to provide participants with information on which they can base their own judgments. The France Foundation has identified and resolved any and all conflicts of interest prior to the release of this activity. A listing of faculty disclosures will be made available at the start of each session.

The planners, reviewers, editors, staff, CME committee, or other members at The France Foundation who control content have no relevant financial relationships to disclose.

P.A.C.E.®
P.A.C.E.®: Credits are offered both at the session and speaker levels. P.A.C.E.® credits noted as “Varies” are being offered at the speaker level. To receive credit, you must evaluate each speaker you attend. Visit ASM’s CE Portal ce.asm.org to claim session and speaker level credits.
Mark Your Calendar!

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2017

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Daily Reflection

THURSDAY, JUNE 16

INFORMATION AND RESOURCES
What did you learn that may benefit you and your organization?

Data (trends, innovation, research, statistics)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Practices (strategies, techniques, methods, approaches)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Key resources (tools, technology, websites)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

CONNECTIONS AND CONTACTS
Who did you meet at this meeting that you may want to stay connected with after the meeting?

Speakers/Moderators
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Other attendees
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Exhibitors
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

ACTION ITEMS
What would you like to accomplish after this meeting?

Things to do
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Things to share
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
Daily Reflection
FRIDAY, JUNE 17

INFORMATION AND RESOURCES
What did you learn that may benefit you and your organization?

Data (trends, innovation, research, statistics)
____________________________________________________
____________________________________________________
____________________________________________________

Practices (strategies, techniques, methods, approaches)
____________________________________________________
____________________________________________________
____________________________________________________

Key resources (tools, technology, websites)
____________________________________________________
____________________________________________________
____________________________________________________

CONNECTIONS AND CONTACTS
Who did you meet at this meeting that you may want to stay connected with after the meeting?

 Speakers/Moderators
____________________________________________________
____________________________________________________
____________________________________________________

Other attendees
____________________________________________________
____________________________________________________
____________________________________________________

Exhibitors
____________________________________________________
____________________________________________________
____________________________________________________

ACTION ITEMS
What would you like to accomplish after this meeting?

Things to do
____________________________________________________
____________________________________________________
____________________________________________________

Things to share
____________________________________________________
____________________________________________________
____________________________________________________
Daily Reflection

SATURDAY, JUNE 18

INFORMATION AND RESOURCES
What did you learn that may benefit you and your organization?

Data (trends, innovation, research, statistics)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Practices (strategies, techniques, methods, approaches)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Key resources (tools, technology, websites)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

CONNECTIONS AND CONTACTS
Who did you meet at this meeting that you may want to stay connected with after the meeting?

Speakers/Moderators
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Other attendees
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Exhibitors
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

ACTION ITEMS
What would you like to accomplish after this meeting?

Things to do
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Things to share
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
**Daily Reflection**

**SUNDAY, JUNE 19**

**INFORMATION AND RESOURCES**
What did you learn that may benefit you and your organization?

Data (trends, innovation, research, statistics)

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Practices (strategies, techniques, methods, approaches)

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Key resources (tools, technology, websites)

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

**CONNECTIONS AND CONTACTS**
Who did you meet at this meeting that you may want to stay connected with after the meeting?

Speakers/Moderators

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Other attendees

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Exhibitors

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

**ACTION ITEMS**
What would you like to accomplish after this meeting?

Things to do

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Things to share

_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
Daily Reflection

MONDAY, JUNE 20

INFORMATION AND RESOURCES
What did you learn that may benefit you and your organization?

Data (trends, innovation, research, statistics)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
Practices (strategies, techniques, methods, approaches)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
Key resources (tools, technology, websites)
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

CONNECTIONS AND CONTACTS
Who did you meet at this meeting that you may want to stay connected with after the meeting?

Speakers/Moderators
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
Other attendees
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
Exhibitors
_____________________________________________________________________________________________________________
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_____________________________________________________________________________________________________________

ACTION ITEMS
What would you like to accomplish after this meeting?

Things to do
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
Things to share
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
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Here tomorrow

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Visit booth 1436

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