

# Session Guide

Use this session guide to view information about sessions presented in the topics covered by the Society's five subgroups focusing on clinical tropical medicine, entomology, global health, parasitology and virology.



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SIXTY-SEVENTH

# ANNUAL MEETING

Sheraton New Orleans and New Orleans Marriott | New Orleans, LA USA

October 28 – November 1, 2018

“There will be epidemics...”

**EBOLA: WORLD GOES ON RED ALERT**

-2014

**Six Dead, 17 Sick From Drug-Resistant TB**

-2017

**Spread of Spanish Flu Menaces War Production**

-1918

**Charity to Help Fight Malaria in Africa**

-2010

**Ebola Out of Control**

-2014

**Success in Tests of Yellow Fever Serum Reported**

-1932

**Dengue Dengue EVERYWHERE**

-2017

**ASTMH Annual Meeting Canceled Due to Spanish Flu Outbreak**

-1918

**FDA Busts Fake Malaria Medicines**

-2013

**African Countries to Plot New Malaria Vaccine**

-2017

**ZIKA THREAT ON OUR**



## Point of Entry: First-Time Attendee Orientation

Sheraton — Grand Ballroom A (5<sup>th</sup> Floor)  
Sunday, October 28, 2:30 p.m. – 3:30 p.m.

Are you new to the ASTMH Annual Meeting and want to get the lay of the land? Don't miss our Point of Entry session. ASTMH Past President Stephen Higgs will orient new attendees to the schedule, session structure and highlights of the Annual Meeting. Meet others attending the conference for the first time and expand your professional network while learning the ins and outs of the meeting.

## Online Career Center

Available at [astmh.org](http://astmh.org). Visit the online Career Center on the ASTMH website for employment opportunities in the tropical medicine and hygiene field.

## Become an ASTMH Member

We invite you to join ASTMH and benefit from membership in the premier international organization for scientists involved in tropical medicine and global health. ASTMH provides a forum for sharing scientific advances, exchanging ideas, fostering new research and providing professional education. Visit the ASTMH website for complete membership details.

### Reduced rates for students and trainees!

Student (Undergraduate, Graduate, Pre-Doctoral): **\$15**  
Post-Doctoral Student: **\$25**  
Regular Member: **\$250**

### Reduced Regular Membership Dues for Low and Low-Middle Income Countries: **\$25**

This membership rate includes all member benefits. This is open to all citizens and legal residents of World Bank low and lower-middle income countries and WHO/HINARI classification countries of A and B (see the ASTMH website for list of countries). Applicants must reside in their country of citizenship. Visiting researchers or others on short-term assignments do not qualify.

## Benefits of ASTMH Membership

- Reduced registration for the ASTMH Annual Meeting, the preeminent annual gathering of tropical medicine professionals. Learn the latest cutting-edge research in symposia, plenary sessions and contributed and invited papers
- Reduced rates for the Update Course in Clinical Tropical Medicine and Travelers' Health and the CTropMed<sup>®</sup> Certificate of Knowledge Examination
- Subscription to the *American Journal of Tropical Medicine and Hygiene*, the foremost peer reviewed publication for communicating new findings in tropical medicine; members pay reduced page charges for publishing in the *AJTMH*
- Active specialty subgroups representing scientists from various disciplines: the American Committee on Arthropod-Borne Viruses (ACAV), the American Committee of Medical Entomology (ACME), the American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP), the ASTMH Committee on Global Health (ACGH) and our Clinical Group—the American Committee on Clinical Tropical Medicine and Travelers' Health (ACCTMTH)
- Opportunities for leadership in the field through Council and committee participation

## Advantages of Joining the ASTMH Community

- A variety of funding, fellowship and sponsorship opportunities tailored to members' specific research and clinical needs
- ASTMH's ground-breaking annual scientific meeting
- Access to the leading minds working and studying in tropical medicine today
- Awards and scholarships presented annually for excellence across disciplines
- Access to a professional network of peers
- Recognition as a leader in the tropical medicine and hygiene field



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**Get real-time updates  
from the Annual Meeting**



## Miss a Session? Free with Registration — Webcast (MP4 recordings) Library from Image Audiovisuals

Can't figure out how to be in two places at once? Problem solved! With so much cutting edge science and clinical updates presented at the meeting, your registration fee includes a Webcast (MP4 recordings) of each session 48 hours after the session has taken place. Check your email for notification/log-in information beginning Tuesday, October 30.



Stay connected at the Annual Meeting at **#TropMed18**

# Clinical Sessions

## Sunday, October 28

### Elsevier Clinical Research Award

*Sheraton – Orpheus (8<sup>th</sup> Floor)*

**Sunday, October 28, Noon – 3 p.m.**

This award recognizes excellence in clinically-oriented research presented by students (within six months of completing, undergraduate or master’s level training, including medical undergraduate degrees) or those in graduate medical training, of work submitted and presented (oral or poster) at the ASTMH Annual Meeting. Support these young scientists by attending their presentations during this session.

## Monday, October 29

### Symposium 4

#### Clinical Group Symposium I (American Committee on Clinical Tropical Medicine and Travelers’ Health – ACCTMTH): The Vincenzo Marcolongo Lecture and Panel Discussion

*Sheraton – Grand Ballroom C (5<sup>th</sup> Floor)*

**Monday, October 29, 8 a.m. – 9:45 a.m.**

**Featuring the Vincenzo Marcolongo Memorial Lecture  
 Supported with funding from:**



**IAMAT**  
 International Association for Medical Assistance to Travellers

The Clinical Group (ACCTMTH) is the clinicians’ group within ASTMH and includes civilian, military and governmental experts in travelers’ health, tropical infection and tropical disease.

#### Clinical Group Council (American Committee on Clinical Tropical Medicine and Travelers’ Health – ACCTMTH)

<b>President</b>	David Brett-Major <i>Uniformed Services University</i>
<b>President-Elect</b>	M. Patricia Joyce <i>Centers for Disease Control and Prevention</i>
<b>Past President</b>	John Sanders <i>Wake Forest University</i>
<b>Secretary/Treasurer</b>	Latha Rajan <i>Tulane University</i>
<b>Councilor</b>	Miguel Cabada <i>Universidad Peruana Cayetano Heredia and University of Texas Medical Branch</i>
<b>Councilor</b>	Janine Danko <i>Walter Reed National Military Medical Center</i>
<b>Councilor</b>	Natasha Hochberg <i>Boston Medical Center</i>
<b>Student Representative</b>	Kimberly Breglio <i>Pennsylvania State University College of Medicine</i>
<b>Student Representative</b>	Michael Harper <i>Johns Hopkins Hospital</i>

## Symposium 15

### Clinical Group Symposium II (American Committee on Clinical Tropical Medicine and Travelers' Health—ACCTMTH): Assess Your Knowledge of Clinical Tropical Medicine

*Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)*  
Monday, October 29, 10:15 a.m. – Noon

The three speakers in this session bring unique backgrounds to this year's clinical symposium: Dr. Pritt runs a pathology laboratory, Dr. White is a clinician, and Dr. Sethi is a dermatologist. Their different perspectives will challenge clinician attendees to think outside of their specialties. Each speaker will present tropical medicine-related cases. Audience members will have the opportunity to answer questions using a cell phone-based audience response system. The presenters will discuss the chief complaint, history of present illness, approach, diagnosis and management of each case. Following the case, each speaker will give a brief summary of the disease.

## Poster Session 22

### Poster Session A: Presentations and Light Lunch

*Marriott — Grand Ballroom (3<sup>rd</sup> Floor)*  
Monday, October 29, Noon – 1:45 p.m.

## Late Breaker Abstract Session 23

### Late Breakers in Clinical and Applied Sciences

*Marriott — Mardi Gras D (3<sup>rd</sup> Floor)*  
Monday, October 29, 12:15 p.m. – 1:30 p.m.

## Meet the Professors 25

### Meet the Professors A: Engigmatic and Teaching Cases

*Marriott — Balcony LMN (3<sup>rd</sup> Floor)*  
Monday, October 29, 12:15 p.m. – 1:30 p.m.

## Scientific Session 28

### Clinical Tropical Medicine I

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Monday, October 29, 1:45 p.m. – 3:30 p.m.

## Symposium 35

### Pathophysiology and Treatment of Severe Malaria

*Marriott — Mardi Gras D (3<sup>rd</sup> Floor)*  
Monday, October 29, 1:45 p.m. – 3:30 p.m.

## Scientific Session 40

### Clinical Tropical Medicine II

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Monday, October 29, 4 p.m. – 5:45 p.m.

## Symposium 53

### Innovative Treatment Strategies for Severely Ill Infants and Children in Low-Resource Settings—Thinking Beyond Antibiotics

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Tuesday, October 30, 8 a.m. – 9:45 a.m.

## Symposium 66

### What's the Skinny on Skin in Neglected Tropical Diseases?

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Tuesday, October 30, 10:15 a.m. – Noon

## Poster Session 77

### Poster Session B: Presentations and Light Lunch

*Marriott — Grand Ballroom (3<sup>rd</sup> Floor)*  
Tuesday, October 30, Noon – 1:45 p.m.

## Meet the Professors 80

### Meet the Professors B: Engigmatic and Teaching Cases

*Marriott — Balcony LMN (3<sup>rd</sup> Floor)*  
Tuesday, October 30, 12:15 p.m. – 1:30 p.m.

## Symposium 82

### Overcoming Challenges in Screening and Diagnosis of Chagas Disease

*Sheraton — Waterbury (2<sup>nd</sup> Floor)*  
Tuesday, October 30, 1:45 p.m. – 3:30 p.m.

## Symposium 96

### Malaria Co-Morbidity in Sub-Saharan Africa

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Tuesday, October 30, 4 p.m. – 5:45 p.m.

## Symposium 110

### Global Angiostrongyliasis: An Emerging Clinical Challenge

*Sheraton — Waterbury (2<sup>nd</sup> Floor)*  
Wednesday, October 31, 8 a.m. – 9:45 a.m.

## Symposium 123

### Ethics in Tropical Public Health Today: Issues in NTDs

*Sheraton — Waterbury (2<sup>nd</sup> Floor)*  
Wednesday, October 31, 10:15 a.m. – Noon

**Wednesday, October 31** *(continued)*

**Poster Session 133**

**Poster Session C: Presentations and Light Lunch**

*Marriott — Grand Ballroom (3<sup>rd</sup> Floor)*  
Wednesday, October 31, Noon – 1:45 p.m.

**Meet the Professors 135**

**Meet the Professors C: Enigmatic and Teaching Cases**

*Marriott — Balcony LMN (3<sup>rd</sup> Floor)*  
Wednesday, October 31, 12:15 p.m. – 1:30 p.m.

**Symposium 137**

**Travel Medicine Challenges for the Practitioner**

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Wednesday, October 31, 1:45 p.m. – 3:30 p.m.

**ASTMH Annual Business Meeting 144**

**ASTMH Annual Business Meeting**

*Sheraton — Rodrigue Gallery (1<sup>st</sup> Floor)*  
Wednesday, October 31, 1:45 p.m. – 2:45 p.m.

*Open to all attendees! Come learn about the work ASTMH is doing on your behalf.*

**Plenary Session 159**

**Plenary Session IV: President's Address: The 13<sup>th</sup> Grape**

*Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)*  
Wednesday, October 31, 6:15 p.m. – 7 p.m.



**Thursday, November 1**

**Symposium 161**

**Quality in Clinical Parasite Diagnostics—How Good Is It Really?**

*Sheraton — Waterbury (2<sup>nd</sup> Floor)*  
Thursday, November 1, 8 a.m. – 9:45 a.m.

**Point of Entry:  
First-Time Attendee Orientation**

*Sheraton — Grand Ballroom A (5<sup>th</sup> Floor)*  
Sunday, October 28, 2:30 p.m. – 3:30 p.m.

Are you new to the ASTMH Annual Meeting and want to get the lay of the land? Don't miss our Point of Entry session. ASTMH Past President Stephen Higgs will orient new attendees to the schedule, session structure and highlights of the Annual Meeting. Meet others attending the conference for the first time and expand your professional network while learning the ins and outs of the meeting.

**Join the Clinical Group  
(American Committee on Clinical  
Tropical Medicine and Travelers'  
Health – ACCTMTH)**

*For more information, visit  
[astmh.org/subgroups/acctmth](http://astmh.org/subgroups/acctmth)*

**Clinical Group Membership Dues**  
*(Clinical Group dues are in addition to ASTMH dues)*

Regular Member: \$30  
Students/Trainees: No charge



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# Medical Entomology Sessions

## Monday, October 29

### Scientific Session 9

#### Mosquitoes: Insecticide Resistance and Control I

Marriott – Mardi Gras D (3<sup>rd</sup> Floor)  
 Monday, October 29, 8 a.m. – 9:45 a.m.

### Scientific Session 18

#### Mosquitoes: Vector Biology – Epidemiology I

Marriott – La Galerie 4/5/6 (2<sup>nd</sup> Floor)  
 Monday, October 29, 10:15 a.m. – Noon

### Poster Session 22

#### Poster Session A: Presentations and Light Lunch

Marriott – Grand Ballroom (3<sup>rd</sup> Floor)  
 Monday, October 29, Noon – 1:45 p.m.

### Scientific Session 37

#### Mosquitoes: Vector Biology – Epidemiology II

Marriott – Balcony IJK (3<sup>rd</sup> Floor)  
 Monday, October 29, 1:45 p.m. – 3:30 p.m.

### Scientific Session 46

#### Mosquitoes: Insecticide Resistance and Control II

Marriott – Mardi Gras D (3<sup>rd</sup> Floor)  
 Monday, October 29, 4 p.m. – 5:45 p.m.

ACME promotes medical entomology within ASTMH and in organizations with scopes of activities that include the area of human diseases transmitted by arthropods.

### American Committee of Medical Entomology (ACME) Council

<b>Chair and Councilor</b>	Philip Armstrong <i>Connecticut Agricultural Experiment Station</i>
<b>Chair-Elect and Councilor</b>	Matt Thomas <i>Pennsylvania State University</i>
<b>Past Chair</b>	Gonzalo Vazquez-Prokopec <i>Emory University</i>
<b>Secretary/Treasurer and Councilor</b>	Alvaro Molina-Cruz <i>National Institute of Allergy and Infectious Diseases</i>
<b>Councilor</b>	Michael Reddy <i>Bill &amp; Melinda Gates Foundation</i>
<b>Councilor</b>	Michel Slotman <i>Texas A&amp;M University</i>
<b>Councilor</b>	Kate Aultman <i>St. Mary's University</i>
<b>Councilor</b>	Jason Richardson <i>IVCC</i>
<b>Councilor</b>	Laura Harrington <i>Cornell University</i>
<b>Councilor</b>	Diana Ortiz <i>Westminster College</i>
<b>Councilor</b>	Christopher Barker <i>University of California Davis</i>
<b>Councilor</b>	Ellen Dotson <i>Centers for Disease Control and Prevention</i>
<b>Councilor</b>	Gabriel Hamer <i>Texas A&amp;M University</i>
<b>Student Representative</b>	Maria Luisa Simoes <i>Johns Hopkins University</i>
<b>Hoogstraal Medal Coordinator</b>	Philip Armstrong <i>Connecticut Agricultural Experiment Station</i>
<b>Student Awards Coordinator</b>	Gonzalo Vazquez-Prokopec <i>Emory University</i>



## Tuesday, October 30

### Symposium 63

#### New Tools to Fight Old Foes: Transgenic Approaches for Control of Vector-Borne Disease

Marriott — Balcony LMN (3<sup>rd</sup> Floor)  
Tuesday, October 30, 8 a.m. – 9:45 a.m.

### Poster Session 77

#### Poster Session B: Presentations and Light Lunch

Marriott — Grand Ballroom (3<sup>rd</sup> Floor)  
Tuesday, October 30, Noon – 1:45 p.m.

### Symposium 89

#### American Committee of Medical Entomology (ACME) Symposium I: Annual Business Meeting, Awards and Hoogstraal Medal Presentations and Networking Reception

Marriott — La Galerie 4/5/6 (2<sup>nd</sup> Floor)  
Tuesday, October 30, 1:45 p.m. – 3:30 p.m.

### Symposium 102

#### American Committee of Medical Entomology (ACME) Symposium II: The CDC Regional Centers of Excellence for Vector-Borne Disease

Marriott — La Galerie 4/5/6 (2<sup>nd</sup> Floor)  
Tuesday, October 30, 4 p.m. – 5:45 p.m.

## Wednesday, October 31

### Scientific Session 120

#### Mosquitoes—Biochemistry and Molecular Biology

Marriott — Balcony IJK (3<sup>rd</sup> Floor)  
Wednesday, October 31, 8 a.m. – 9:45 a.m.

### Scientific Session 132

#### Mosquitoes: Molecular Genetics and Genomics

Marriott — Balcony IJK (3<sup>rd</sup> Floor)  
Wednesday, October 31, 10:15 a.m. – Noon

### Poster Session 133

#### Poster Session C: Presentations and Light Lunch

Marriott — Grand Ballroom (3<sup>rd</sup> Floor)  
Wednesday, October 31, Noon – 1:45 p.m.

## ASTMH Annual Business Meeting 144

### ASTMH Annual Business Meeting

Sheraton — Rodrigue Gallery (1<sup>st</sup> Floor)  
Wednesday, October 31, 1:45 p.m. – 2:45 p.m.

*Open to all attendees! Come learn about the work ASTMH is doing on your behalf.*

### Symposium 157

#### Advancing a Spatial Repellent Category for Public Health Use: New Insights, Considerations and Remaining Challenges

Marriott — Balcony LMN (3<sup>rd</sup> Floor)  
Wednesday, October 31, 4 p.m. – 5:45 p.m.

### Plenary Session 159

#### Plenary Session IV: President's Address: The 13<sup>th</sup> Grape

Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)  
Wednesday, October 31, 6:15 p.m. – 7 p.m.

## Thursday, November 1

### Scientific Session 170

#### Arthropods: Other Arthropods

Marriott — Balcony IJK (3<sup>rd</sup> Floor)  
Thursday, November 1, 8 a.m. – 9:45 a.m.

### Symposium 177

#### Chagas' Disease in the United States—Is it Time for Primary Prevention?

Marriott — La Galerie 1/2 (2<sup>nd</sup> Floor)  
Thursday, November 1, 10:15 a.m. – Noon

### Symposium 178

#### Integrated Vector Management in Malaria Elimination Settings: Charting the Way forward in the Americas

Marriott — La Galerie 3 (2<sup>nd</sup> Floor)  
Thursday, November 1, 10:15 a.m. – Noon

### Symposium 181

#### Blood Feeding and Pathogen Transmission: It's All in the Spit

Marriott — Mardi Gras EFGH (3<sup>rd</sup> Floor)  
Thursday, November 1, 10:15 a.m. – Noon



**Point of Entry:  
First-Time Attendee Orientation**

*Sheraton — Grand Ballroom A (5<sup>th</sup> Floor)*  
**Sunday, October 28, 2:30 p.m. – 3:30 p.m.**

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Students/Trainees: **No charge**

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Recordings (MP4)  
of All Sessions**



**Meeting App &  
FREE Wi-Fi  
at the Hotels**



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# Global Health Sessions

## Sunday, October 28

### Plenary Session 1

#### Plenary Session I: Keynote Address and Awards Program

Marriott — Grand Ballroom (3<sup>rd</sup> Floor)  
 Sunday, October 28, 5:30 p.m. – 7 p.m.

## Monday, October 29

### Symposium 13

#### Innovations for Mitigating Response to Outbreak-Prone Diseases: A Challenge to ASTMH Attendees to Pitch Their Innovations for Reducing Risk, Improving Prediction and Delivering Better Healthcare Tools

Sheraton — Rhythms (2<sup>nd</sup> Floor)  
 Monday, October 29, 10:15 a.m. – Noon  
 Supported with funding from:



### Symposium 16

#### The Importance of Social Science Research in Tackling Antimicrobial Resistance in Low and Middle-Income Countries

Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)  
 Monday, October 29, 10:15 a.m. – Noon



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ACGH promotes the development of the field of global health within ASTMH and addresses multidisciplinary transnational approaches to health issues that unfavorably affect underserved and under-resourced populations.

#### ASTMH Committee on Global Health (ACGH) Council

<b>President</b>	Ramin Asgary <i>George Washington University School of Public Health and Weill Cornell Medical College</i>
<b>President-Elect</b>	Julie Pavlin <i>National Academies of Sciences, Engineering, and Medicine</i>
<b>Past President</b>	Christina Polyak <i>Walter Reed Army Institute of Research, Military HIV Research Program</i>
<b>Secretary/Treasurer</b>	Miguel Reina Ortiz <i>Clemson University</i>
<b>Councilor</b>	Abiola Fasina <i>Henry M. Jackson Foundation/ MHRP</i>
<b>Councilor</b>	Ryan Carroll <i>Massachusetts General Hospital for Children</i>
<b>Councilor</b>	Jessica Manning <i>National Institute of Allergy and Infectious Diseases</i>
<b>Councilor</b>	Eileen Stillwaggon <i>Gettysburg College</i>

## Monday, October 29 (continued)

### Poster Session 22

#### Poster Session A: Presentations and Light Lunch

Marriott — Grand Ballroom (3<sup>rd</sup> Floor)  
Monday, October 29, Noon – 1:45 p.m.

### Symposium 24

#### Fireside Chats with Global Health Greats: The Importance of Learning From Failure

Marriott — Balcony IJK (3<sup>rd</sup> Floor)  
Monday, October 29, 12:15 p.m. – 1:30 p.m.

### Symposium 30

#### Infectious Disease Research in Vulnerable Populations: Evaluating the Role of Novel Diagnostics

Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)  
Monday, October 29, 1:45 p.m. – 3:30 p.m.

### Symposium 31

#### American Committee on Global Health (ACGH) Symposium I: The Local-Global Phenomenon of mHealth: How and Why Global Health Starts at Home

Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)  
Monday, October 29, 1:45 p.m. – 3:30 p.m.

### Symposium 39

#### 100,000 Papers Later: Reviewing and Mapping the Etiology of Non-Malarial Febrile Illnesses Globally

Sheraton — Waterbury (2<sup>nd</sup> Floor)  
Monday, October 29, 4 p.m. – 5:45 p.m.

### Symposium 43

#### ASTMH Committee on Global Health (ACGH) Symposium II: Building a Successful Career in Global Health: An Interactive Session with Global Health Experts

Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)  
Monday, October 29, 4 p.m. – 5:45 p.m.

## Tuesday, October 30

### Symposium 55

#### Combating Antimicrobial Resistance: A Global Health Priority

Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)  
Tuesday, October 30, 8 a.m. – 9:45 a.m.

### Symposium 69

#### Secondary Data Users Should Pay to Access Individual Level Research Data

Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)  
Tuesday, October 30, 10:15 a.m. – Noon

### Symposium 76

#### The Intersection of Advocacy, Policy and Social Media: A Washington, DC, Primer

Marriott — Balcony LMN (3<sup>rd</sup> Floor)  
Tuesday, October 30, 10:15 a.m. – Noon

### Poster Session 77

#### Poster Session B: Presentations and Light Lunch

Marriott — Grand Ballroom (3<sup>rd</sup> Floor)  
Tuesday, October 30, Noon – 1:45 p.m.

### Symposium 81

#### Vector-Borne Diseases in Agricultural Landscapes

Sheraton — Rodrigue Gallery (1<sup>st</sup> Floor)  
Tuesday, October 30, 1:45 p.m. – 3:30 p.m.

### Symposium 83

#### “The Tropical Bookshelf” Authors’ Panel with Douglas Preston and Richard Preston

Sheraton — Rhythms (2<sup>nd</sup> Floor)  
Tuesday, October 30, 1:45 p.m. – 3:30 p.m.

### Symposium 94

#### From the Lab to the Field: Solutions for Women’s Career Advancement in Tropical Medicine and Global Health

Sheraton — Rodrigue Gallery (1<sup>st</sup> Floor)  
Tuesday, October 30, 4 p.m. – 5:45 p.m.

### Symposium 98

#### Climate Services for Health: Improving Public Health Decision-Making in a New Climate

Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)  
Tuesday, October 30, 4 p.m. – 5:45 p.m.

### Scientific Session 99

#### Global Health: Prevention and Control of Malaria and Other Vector-Borne Diseases

Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)  
Tuesday, October 30, 4 p.m. – 5:45 p.m.



## Wednesday, October 31

### Scientific Session 114

#### Global Health: Maternal, Child and Neonatal Health

*Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)*  
Wednesday, October 31, 8 a.m. – 9:45 a.m.

### Symposium 119

#### Predicting, Investigating and Ameliorating Global Epidemic Leptospirosis

*Marriott — Mardi Gras EFGH (3<sup>rd</sup> Floor)*  
Wednesday, October 31, 8 a.m. – 9:45 a.m.

### Poster Session 133

#### Poster Session C: Presentations and Light Lunch

*Marriott — Grand Ballroom (3<sup>rd</sup> Floor)*  
Wednesday, October 31, Noon – 1:45 p.m.

### ASTMH Annual Business Meeting 144

#### ASTMH Annual Business Meeting

*Sheraton — Rodrigue Gallery (1<sup>st</sup> Floor)*  
Wednesday, October 31, 1:45 p.m. – 2:45 p.m.

*Open to all attendees! Come learn about the work ASTMH is doing on your behalf.*

### Symposium 147

#### Real-Time Epidemic Analysis and Forecasting

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Wednesday, October 31, 4 p.m. – 5:45 p.m.

### Symposium 149

#### Technological Innovations for Enhancing the Performance of Tropical Disease Control Programs

*Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)*  
Wednesday, October 31, 4 p.m. – 5:45 p.m.

### Symposium 150

#### Proactive Community Case Detection and Management of Malaria, Diarrhea, Pneumonia and Malnutrition

*Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)*  
Wednesday, October 31, 4 p.m. – 5:45 p.m.

### Symposium 155

#### The Nexus of Poop and Public Health: Harnessing the Human Gut Microbiome for Global Health

*Marriott — Mardi Gras EFGH (3<sup>rd</sup> Floor)*  
Wednesday, October 31, 4 p.m. – 5:45 p.m.

### Plenary Session 159

#### Plenary Session IV: President's Address: The 13<sup>th</sup> Grape

*Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)*  
Wednesday, October 31, 6:15 p.m. – 7 p.m.

## Thursday, November 1

### Symposium 162

#### The Impact of Improving Laboratory Services on Public Health

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Thursday, November 1, 8 a.m. – 9:45 a.m.

### Symposium 169

#### Controlled Human Infection Studies: Experiences and Opportunities from LMICs

*Marriott — Mardi Gras EFGH (3<sup>rd</sup> Floor)*  
Thursday, November 1, 8 a.m. – 9:45 a.m.

### Symposium 174

#### Implementing Disease and Control Programs in Urban Settings

*Sheraton — Rhythms (2<sup>nd</sup> Floor)*  
Thursday, November 1, 10:15 a.m. – Noon

### Scientific Session 175

#### Global Health: Disease Surveillance and Outbreaks Response

*Sheraton — Grand Ballroom A/B (5<sup>th</sup> Floor)*  
Thursday, November 1, 10:15 a.m. – Noon

### Symposium 183

#### Global Health: Community Health Systems and Operational Program Implementation

*Marriott — Balcony LMN (3<sup>rd</sup> Floor)*  
Thursday, November 1, 10:15 a.m. – Noon



**Point of Entry:  
First-Time Attendee Orientation**

*Sheraton — Grand Ballroom A (5<sup>th</sup> Floor)*  
**Sunday, October 28, 2:30 p.m. – 3:30 p.m.**

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# Parasitology Sessions

Supported with funding from



The Annual Meeting features symposia, scientific sessions, poster presentations and a business meeting focusing on recent developments in molecular, cellular and immunoparasitology. The intent is to promote interactions among scientists who work in the varied disciplines of parasitology, especially in basic laboratory research, clinical sciences and population-based sciences. The scientific sessions of oral abstract presentations feature award recipients from the 2018 Woods Hole Immunoparasitology Meeting and Molecular Parasitology Meeting.

ACMCIP facilitates interactions among scientists within ASTMH who work in the varied disciplines of parasitology, especially in basic laboratory, pre-clinical and translational research, clinician sciences and population-based sciences.

## American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP) Council

<b>President</b>	Christine Petersen <i>University of Iowa</i>
<b>President-Elect</b>	Michael Ferdig <i>University of Notre Dame</i>
<b>Immediate Past President</b>	Julian Rayner <i>Wellcome Trust Sanger Institute</i>
<b>Secretary/Treasurer</b>	Amanda Lukens <i>The Broad Institute</i>
<b>Councilor</b>	John Adams <i>University of South Florida</i>
<b>Councilor</b>	Robin Stephens <i>University of Texas Medical Branch</i>
<b>Councilor for Annual Meeting Symposia</b>	Manoj Duraisingh <i>Harvard T.H. Chan School of Public Health</i>
<b>Councilor for Communications International</b>	Timothy Yoshino <i>University of Wisconsin Madison</i>
<b>Councilor</b>	Christian Happi <i>Redeemer's University</i>
<b>Councilor for Trainees</b>	Jenna Oberstaller <i>University of South Florida</i>

## Monday, October 29

### Scientific Session 21

#### American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Malaria – Host-Parasite Interactions and Host Responses

*Marriott – Balcony IJK (3<sup>rd</sup> Floor)*  
**Monday, October 29, 10:15 a.m. – Noon**

10:15 a.m. **2115**

#### NOTHING IN BIOLOGY MAKES SENSE EXCEPT IN THE LIGHT OF EVOLUTION: AN ALVEOLATE-CONSERVED MECHANISM IS IMPLICATED IN RHOPTRY SECRETION IN APICOMPLEXA

Eleonora Aquilini<sup>1</sup>, Nicolas Dos-Santos Pacheco<sup>1</sup>, Catherine Suarez<sup>1</sup>, Marjorie Maynadier<sup>1</sup>, Pilar Ruga Fahy<sup>2</sup>, Jean-François Dubremetz<sup>1</sup>, Maryse Lebrun<sup>1</sup>

<sup>1</sup>UMR 5235 CNRS, Université de Montpellier, Montpellier, France, <sup>2</sup>Pôle Facultaire de Microscopie Structurale, Geneva, Switzerland

10:30 a.m. **2116**

#### THE GREAT ESCAPE: INVESTIGATING THE ROLE OF SERA6 IN MALARIA PARASITE EGRESS FROM THE RED BLOOD CELL

Michele Ser Ying Tan<sup>1</sup>, James A. Thomas<sup>2</sup>, Aaron Borg<sup>1</sup>, Ambrosius P. Snijders<sup>1</sup>, Michael J. Blackman<sup>3</sup>

<sup>1</sup>The Francis Crick Institute, London, United Kingdom, <sup>2</sup>London School of Hygiene & Tropical Medicine, London, United Kingdom, <sup>3</sup>The Francis Crick Institute and London School of Hygiene & Tropical Medicine, London, United Kingdom

Oral presentation of abstracts #78–82.

### Poster Session 22

#### Poster Session A: Presentations and Light Lunch

*Marriott – Grand Ballroom (3<sup>rd</sup> Floor)*  
**Monday, October 29, Noon – 1:45 p.m.**

## Symposium 34

### The 16<sup>th</sup> Annual American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP) Symposium: Parasite Reservoirs: Extent, Utility and Relevance to Disease Eradication

Marriott — La Galerie 4/5/6 (2<sup>nd</sup> Floor)  
Monday, October 29, 1:45 p.m. – 3:30 p.m.

#### CHAIR

Christine Petersen

University of Iowa, Iowa City, IA, United States

Michael Ferdig

University of Notre Dame, South Bend, United States

An increasing number of parasite diseases are being targeted for elimination. However, modeling has established that in many areas approaching elimination goals set by the World Health Organization, either asymptomatic patients or animal reservoirs provide sufficient parasites to maintain disease transmission. Better understanding of infection incidence within reservoirs and to what extent they contribute to human disease will be critical in achieving elimination/eradication goals. Parasitic infection of reservoirs can be used to measure the effects of public health interventions. For example, in situations where the number of cases and/or ethical concerns dictate that a human clinical trial is not feasible, use of data from an animal disease model or reservoir used under the Food and Drug Administration “animal rule” can aid in bringing a product forward to licensing. This session will explore the role and utility of parasite reservoirs in elimination science. The symposium will highlight instances where use of a reservoir host provides critical tools for intervention and where robust parasite burdens in reservoirs are directly affecting, and in some instances hindering, disease elimination. The topics will span the full breadth of fundamental parasitology covered by ACMCIP; the surprise appearance of a reservoir host for Guinea worm and how genomics can be used to track human-reservoir infection cycles; the cellular and molecular mechanisms behind how different mammalian species have developed serum resistance to Trypanosomatid species; Genetic similarities and differences between classical and novel species of zoonotic malaria and their impact on human disease control; and use of canine reservoir interventions to test new immunomodulatory approaches for controlling visceral leishmaniasis.

1:45 p.m.

### POPULATION GENOMICS OF GUINEA WORM ERADICATION

James Cotton

Sanger Institute, Cambridge, United Kingdom

2:05 p.m.

### THE ARMS RACE BETWEEN HOST AND PARASITE: SERUM RESISTANCE IN ZONOTIC TRYPANOSOMES

Jayne Raper

Hunter College, New York, NY, United States

2:25 p.m.

### USE OF POPULATION GENETIC STUDIES TO UNDERSTAND ZONOTIC MALARIA

David Conway

London School of Hygiene & Tropical Medicine, London, United Kingdom

2:45 p.m.

### RESERVOIR VACCINATION TO CHANGE THE COURSE OF LEISHMANIA INFANTUM INFECTION

Christine Petersen

University of Iowa, Iowa City, IA, United States

3:05 p.m.

### ACMCIP ANNUAL BUSINESS MEETING

Christine Petersen

University of Iowa, Iowa City, IA, United States

## Scientific Session 44

### American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Malaria and Protozoans—Molecular and Cellular Biology

Marriott — La Galerie 1/2 (2<sup>nd</sup> Floor)

Monday, October 29, 4 p.m. – 5:45 p.m.

4 p.m.

2117

### STUCK ON YOU: THE *PLASMODIUM* BASAL COMPLEX IS REQUIRED FOR PROPER DAUGHTER CELL SEGMENTATION

Rachel M. Rudlaff<sup>1</sup>, Stephan Kraemer<sup>2</sup>, Vincent A. Streva<sup>3</sup>, Jeffrey D. Dvorin<sup>4</sup>

<sup>1</sup>Harvard Medical School, Boston, MA, United States, <sup>2</sup>Harvard University, Cambridge, MA, United States, <sup>3</sup>Boston Children's Hospital, Boston, MA, United States, <sup>4</sup>Harvard Medical School and Boston Children's Hospital, Boston, MA, United States

4:15 p.m.

2118

### PATCH-CLAMP OF THE *P. FALCIPARUM* DIGESTIVE VACUOLE IDENTIFIES A NOVEL CHANNEL AND ANTIMALARIAL TARGET

Gagandeep S. Saggi, Sanjay A. Desai

National Institutes of Health, National Institute of Allergy and Infectious Diseases, Rockville, MD, United States

Oral presentation of abstracts #690–694.

## Symposium 47

### CRISPR/Cas9 Approaches for Understanding Apicomplexan Biology

Marriott — Mardi Gras EFGH (3<sup>rd</sup> Floor)

Monday, October 29, 4 p.m. – 5:45 p.m.



**Tuesday, October 30**

**Scientific Session 58**

**American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Worms and Trematodes: Immunology and Vaccines**

*Marriott – La Galerie 3 (2<sup>nd</sup> Floor)*

**Tuesday, October 30, 8 a.m. – 9:45 a.m.**

8 a.m. **2119**

**ANTIBODY RESPONSES AGAINST THE CANDIDATE VACCINE ANTIGENS OV-103 AND OV-RAL-2 ARE ASSOCIATED WITH PROTECTIVE IMMUNITY IN BOTH MICE AND HUMANS TO *ONCHOCERCA VOLVULUS* INFECTIVE LARVAE**

Jovvian Parakkal<sup>1</sup>, Sonia Jain<sup>1</sup>, Jessica Hess<sup>2</sup>, Nancy Tricoche<sup>1</sup>, David Abraham<sup>2</sup>, Sara Lustigman<sup>1</sup>

<sup>1</sup>The Lindsley F. Kimball Research Institute, New York Blood Center, New York, NY, United States, <sup>2</sup>Department of Microbiology and Immunology, Thomas Jefferson University, Philadelphia, PA, United States

**Oral presentation of abstracts #730–735.**

**Poster Session 77**

**Poster Session B: Presentations and Light Lunch**

*Marriott – Grand Ballroom (3<sup>rd</sup> Floor)*

**Tuesday, October 30, Noon – 1:45 p.m.**

**Late Breaker Abstract Session 78**

**Late Breakers in Basic Sciences**

*Marriott – Mardi Gras D (3<sup>rd</sup> Floor)*

**Tuesday, October 30, 12:15 p.m. – 1:30 p.m.**

**Scientific Session 101**

**American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Parasites—Molecular, Cellular and Immunobiology**

*Marriott – La Galerie 3 (2<sup>nd</sup> Floor)*

**Tuesday, October 30, 4 p.m. – 5:45 p.m.**

4 p.m. **2120**

**THE NOTCH SIGNALING PATHWAY CONTROLS BASOPHIL RESPONSES DURING HELMINTH-INDUCED TYPE 2 INFLAMMATION**

Lauren Webb<sup>1</sup>, S. P. Frueh<sup>1</sup>, O. O. Oyesola<sup>1</sup>, S. A. Peng<sup>1</sup>, E. Kamynina<sup>1</sup>, R. L. Cubitt<sup>1</sup>, J. K. Grenier<sup>2</sup>, C. G. Danko<sup>3</sup>, E. D. Tait Wojno<sup>1</sup>

<sup>1</sup>Baker Institute for Animal Health and Department of Microbiology and Immunology, Cornell University College of Veterinary Medicine, Ithaca, NY, United States, <sup>2</sup>RNA Sequencing Core, Center for Reproductive Genomics and Department of Biomedical Sciences, Cornell University College of Veterinary Medicine, Ithaca, NY, United States, <sup>3</sup>Baker Institute for Animal Health and Department of Biomedical Sciences, Cornell University College of Veterinary Medicine, Ithaca, NY, United States

4:15 p.m.

**2121**

**ALLERGIC INFLAMMATION INHIBITS HELMINTH LARVAL DEVELOPMENT AND CONTROLS PARASITE BURDEN**

Pedro Gazzinelli-Guimaraes<sup>1</sup>, R. Q. Prado<sup>1</sup>, A. Ricciardi<sup>1</sup>, S. Bonne-Année<sup>1</sup>, Joshua Scieurba<sup>1</sup>, Erik Karmele<sup>1</sup>, R. Fujiwara<sup>2</sup>, T. B. Nutman<sup>1</sup>

<sup>1</sup>Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, United States,

<sup>2</sup>Department of Parasitology, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

**Oral presentation of abstracts #1399–1403.**

**Wednesday, October 31**

**Scientific Session 121**

**American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Worms and Trematodes—Molecular and Cellular Biology**

*Marriott – Balcony LMN (3<sup>rd</sup> Floor)*

**Wednesday, October 31, 8 a.m. – 9:45 a.m.**

8 a.m. **2122**

**B CELLS ARE IMPORTANT DURING EARLY INFECTION IN SUPPORTING TH2 TYPE IMMUNE RESPONSES TO *TRICHURIS MURIS* INFECTION**

Rinal Sahputra, Dominik Ruckerl, Kevin Couper, Andrew MacDonald, Werner Muller, Kathryn Else

*Lydia Becker Institute for Immunology, University of Manchester, Manchester, United Kingdom*

**Oral presentation of abstracts #1460–1465.**

**Poster Session 133**

**Poster Session C: Presentations and Light Lunch**

*Marriott – Grand Ballroom (3<sup>rd</sup> Floor)*

**Wednesday, October 31, Noon – 1:45 p.m.**

**ASTMH Annual Business Meeting 144**

**ASTMH Annual Business Meeting**

*Sheraton – Rodrigue Gallery (1<sup>st</sup> Floor)*

**Wednesday, October 31, 1:45 p.m. – 2:45 p.m.**

**Open to all attendees! Come learn about the work ASTMH is doing on your behalf.**

**Scientific Session 154**

**American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Malaria—Genome Scale Approaches**

*Marriott – Mardi Gras D (3<sup>rd</sup> Floor)*

**Wednesday, October 31, 4 p.m. – 5:45 p.m.**



4 p.m.

2123

**MALARIA PARASITE TRANSLOCON STRUCTURE AND MECHANISM OF EFFECTOR EXPORT**

Chi-Min Ho<sup>1</sup>, Josh R. Beck<sup>2</sup>, Mason Lai<sup>3</sup>, Yanxiang Cui<sup>4</sup>, Daniel E. Goldberg<sup>2</sup>, Pascal F. Egea<sup>1</sup>, Z. Hong Zhou<sup>1</sup>

<sup>1</sup>The Molecular Biology Institute, University of California, Los Angeles, CA, United States, <sup>2</sup>Departments of Medicine and Molecular Microbiology, Washington University School of Medicine, St. Louis, MO, United States, <sup>3</sup>Department of Microbiology, Immunology and Molecular Genetics, University of California, Los Angeles, CA, United States, <sup>4</sup>California NanoSystems Institute, University of California, Los Angeles, CA, United States

4:15 p.m.

2124

**PLASMODIUM AND HOST MICROBIOTA: FRIEND OR FOE?**

Debanjan Mukherjee<sup>1</sup>, Angelo Ferreira Chora<sup>1</sup>, Ricardo Ramiro<sup>2</sup>, Isabel Gordo<sup>2</sup>, Maria M. Mota<sup>2</sup>

<sup>1</sup>Instituto de Medicina Molecular, Faculdade de Medicina de Lisboa, Lisbon, Portugal, <sup>2</sup>Instituto de Gulbenkian de Ciência, Oeiras, Portugal

Oral presentation of abstracts #2068–2072.

**Plenary Session 159**

**Plenary Session IV: President's Address: The 13<sup>th</sup> Grape**

Sheraton — Grand Ballroom C (5<sup>th</sup> Floor)  
Wednesday, October 31, 6:15 p.m. – 7 p.m.

**Point of Entry:  
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Sheraton — Grand Ballroom A (5<sup>th</sup> Floor)  
Sunday, October 28, 2:30 p.m. – 3:30 p.m.

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# Virology Sessions

## Monday, October 29

### Symposium 3

**American Committee on Arthropod-Borne Viruses (ACAV) Symposium I: Annual Business Meeting, Awards and Research Presentations by Previous Awardees**

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
 Monday, October 29, 8 a.m. – 9:45 a.m.

### Symposium 14

**American Committee on Arthropod-Borne Viruses (ACAV) Symposium II: History of Arbovirology: How the Past Informs the Present**

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
 Monday, October 29, 10:15 a.m. – Noon

### Poster Session 22

**Poster Session A: Presentations and Light Lunch**

*Marriott – Grand Ballroom (3<sup>rd</sup> Floor)*  
 Monday, October 29, Noon – 1:45 p.m.

### Scientific Session 29

**Chikungunya and Other Alphaviruses**

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
 Monday, October 29, 1:45 p.m. – 3:30 p.m.

### Scientific Session 41

**Viral Hemorrhagic Fevers**

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
 Monday, October 29, 4 p.m. – 5:45 p.m.

ACAV provides a forum for exchange of information among people interested in arbovirus research.

### American Committee on Arthropod-Borne Viruses (ACAV) Council

<b>Chair and Councilor</b>	Desiree LaBeaud <i>Stanford University</i>
<b>Chair-Elect, Secretary and Councilor</b>	Lark Coffey <i>University of California Davis</i>
<b>Past Chair</b>	Nikos Vasilakis <i>University of Texas Medical Branch</i>
<b>Treasurer</b>	Scott Weaver <i>University of Texas Medical Branch</i>
<b>Archivist/Historian</b>	Donald Burke <i>University of Pittsburgh</i>
<b>Councilor</b>	Kathryn Hanley <i>New Mexico State University</i>
<b>Councilor</b>	Rebecca Christofferson <i>Louisiana State University</i>
<b>Councilor</b>	Rebecca Rico-Hesse <i>Baylor College of Medicine</i>
<b>Councilor</b>	Laura Kramer <i>Wadsworth Center, New York State Department of Health</i>
<b>Councilor</b>	Thomas Ksiazek <i>University of Texas Medical Branch</i>
<b>Councilor</b>	David Morens <i>National Institutes of Health</i>
<b>Councilor for Trainees</b>	Nunya Chotiwan <i>Colorado State University</i>
<b>Ex-Officio Councilor</b>	Ann Powers <i>Centers for Disease Control and Prevention</i>
<b>Ex-Officio Councilor</b>	Mike Turell <i>VectorID LLC</i>

## Tuesday, October 30

### Scientific Session 54

#### Dengue: Pathogenesis/Immunology

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
Tuesday, October 30, 8 a.m. – 9:45 a.m.

### Symposium 56

#### Overcoming Challenges in Drug Discovery and Development for Rare and Neglected Viral Infections

*Sheraton – Grand Ballroom D/E (5<sup>th</sup> Floor)*  
Tuesday, October 30, 8 a.m. – 9:45 a.m.

### Scientific Session 67

#### Dengue: Vaccines

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
Tuesday, October 30, 10:15 a.m. – Noon

### Poster Session 77

#### Poster Session B: Presentations and Light Lunch

*Marriott – Grand Ballroom (3<sup>rd</sup> Floor)*  
Tuesday, October 30, Noon – 1:45 p.m.

### Mid-Day Session 79

#### Panel Discussion: A Journey to Become a Successful Scientist

*Marriott – Mardi Gras EFGH (3<sup>rd</sup> Floor)*  
Tuesday, October 30, 12:15 p.m. – 1:30 p.m.

### Scientific Session 84

#### West Nile and Other Viruses

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
Tuesday, October 30, 1:45 p.m. – 3:30 p.m.

### Symposium 97

#### Hepatitis E—The Unremitting Challenge

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
Tuesday, October 30, 4 p.m. – 5:45 p.m.

### Symposium 108

#### Tackling Outbreaks

*Sheraton – Grand Ballroom D (5<sup>th</sup> Floor)*  
Tuesday, October 30, 7:15 p.m. – 9 p.m.

## Wednesday, October 31

### Scientific Session 111

#### Zika I

*Sheraton – Rhythms (2<sup>nd</sup> Floor)*  
Wednesday, October 31, 8 a.m. – 9:45 a.m.

### Symposium 113

#### Ebola: Has the Tide Turned in Combating This Disease?

*Sheraton – Grand Ballroom C (5<sup>th</sup> Floor)*  
Wednesday, October 31, 8 a.m. – 9:45 a.m.

### Scientific Session 124

#### Zika II

*Sheraton – Rhythms (2<sup>nd</sup> Floor)*  
Wednesday, October 31, 10:15 a.m. – Noon

### Symposium 126

#### Recent Advances in Viral Hemorrhagic Fever Research

*Sheraton – Grand Ballroom C (5<sup>th</sup> Floor)*  
Wednesday, October 31, 10:15 a.m. – Noon

### Poster Session 133

#### Poster Session C: Presentations and Light Lunch

*Marriott – Grand Ballroom (3<sup>rd</sup> Floor)*  
Wednesday, October 31, Noon – 1:45 p.m.

### Symposium 138

#### Insights from Prospective Cohort Studies to Understand the Epidemiology of Severe Dengue and Inform Dengue Vaccine Evaluations

*Sheraton – Grand Ballroom C (5<sup>th</sup> Floor)*  
Wednesday, October 31, 1:45 p.m. – 3:30 p.m.

### Symposium 148

#### International Zika Cohort Studies

*Sheraton – Grand Ballroom A/B (5<sup>th</sup> Floor)*  
Wednesday, October 31, 4 p.m. – 5:45 p.m.

### Plenary Session 159

#### Plenary Session IV: President's Address: The 13<sup>th</sup> Grape

*Sheraton – Grand Ballroom C (5<sup>th</sup> Floor)*  
Wednesday, October 31, 6:15 p.m. – 7 p.m.



Thursday, November 1

### Symposium 164

#### Japanese Encephalitis, No Longer Neglected: A Model for Other New Vaccines

Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)  
Thursday, November 1, 8 a.m. – 9:45 a.m.

### Symposium 176

#### Rotavirus Vaccines: Progress, Challenges and the Road Ahead

Sheraton — Grand Ballroom D/E (5<sup>th</sup> Floor)  
Thursday, November 1, 10:15 a.m. – Noon

### Point of Entry: First-Time Attendee Orientation

Sheraton — Grand Ballroom A (5<sup>th</sup> Floor)  
Sunday, October 28, 2:30 p.m. – 3:30 p.m.

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