

ASTMH



AMERICAN SOCIETY OF TROPICAL MEDICINE & HYGIENE
ADVANCING GLOBAL HEALTH SINCE 1903

Program Update

Atlanta Marriott Marquis

Atlanta, Georgia USA

65th Annual Meeting



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Please note...

Miss a session? Webcast Library from Image Audiovisuals

Can't figure out how to be in two places at once? Problem solved! As part of the Annual Meeting registration fee, all attendees will receive access to audio-recordings and slides of select sessions after the Annual Meeting. Please note that the entire content of the Annual Meeting will not be available.

Looking for a place to meet?

Rooms 206 and 207 on the second floor of the Hilton are available for your meetings at select times on a first-come, first-served basis. A schedule and sign-up sheet is posted outside of these rooms.

Additional Speaker Disclosures

The following speakers have indicated that they have no financial relationships with commercial interests to disclose.

Quique Bassat
Emily Carter

Eric Chambers
Maria Diuk-Wasser

Morgan Goheen
Kurt Hanevik

Albert Picado

Attention Students and Trainees!

Special Events for Students, Fellows, Residents and Junior Faculty

Check the Program Book on page 34 for a listing of sessions and events on career development.

The TropStop – Student/Trainee Lounge

Marriott – Atrium Loft

Student Reception

*Sunday, November 13, 4 pm - 5 pm
Marriott – Skyline Level (10th Floor)*

TropStop Office Hours

*Monday, November 14, 10 am – 11 am
Tuesday, November 15, 10 am – 11 am
Wednesday, November 16, 10 am – 11 am
Marriott – Atrium Loft*

Meet up-and-coming professionals in the fields of tropical medicine, global health, science and industry who will share their personal career paths and answer questions you may have.

Program Updates and Changes

Monday, November 14

Scientific Session 2

Filariasis: Epidemiology and Control I

Monday, November 14, 8 am - 9:45 am

Marriott - Imperial A

9 am #5 Use of an Adult Transmission Assessment Survey to Assess Persistence of Lymphatic Filariasis at the Evaluation Unit Level in Galle, Sri Lanka
Ramakrishna Rao, University School of Medicine, St. Louis, MO, United States, replaces Sandhya Samarasekera as presenter.

Scientific Session 3

Bacteriology: Cholera

Monday, November 14, 8 am - 9:45 am

Marriott - Imperial B

9:30 am #14 has been withdrawn from this session and replaced with:
#436 Plasma and memory B cell responses targeting O-specific polysaccharide (OSP) are associated with protection against *Vibrio cholerae* O1 infection among household contacts of cholera patients in Bangladesh. This abstract will no longer be presented as a poster in Poster Session A.
Presented by Edward T. Ryan, Massachusetts General Hospital, Boston, MA, United States

Symposium 7

The Influence of Behavior and Culture within WASH Interventions and Environmental Disease Transmission

Monday, November 14, 8 am - 9:45 am

Marriott - Room M103/M104/M105

9:15 am Updated presentation title: Social, Cultural and Behavioral Correlates of WASH

Scientific Session 10

Cestodes: Cysticercosis and Echinococcosis

Monday, November 14, 8 am - 9:45 am

Marriott - Room A601

8 am #29 Assessing ultrasonography as a diagnostic tool for porcine cysticercosis
Ian Pray, Oregon Health & Science University, Portland, OR, United States, replaces Robert Flecker as presenter.

8:30 am #31 Amyloid-Beta peptide and expression of amyloid precursor protein gene (app) are induced by anthelmintic treatment in porcine neurocysticercosis
Cristina Guerra Giraldez, Universidad Peruana Cayetano Heredia, Lima, Peru, replaces Renzo Gutierrez-Loli as presenter.

9 am #33 Use of differentially expressed monocyte genes to distinguish between neurocysticercosis-associated epilepsy and idiopathic epilepsy
Helene Carabin, University of Oklahoma Health Sciences Center, Oklahoma City, OK, United States, replaces Vasuvedan Prabhakaran as presenter.

Monday, November 14 (continued)

Scientific Session 11

Malaria: Biology and Pathogenesis

Monday, November 14, 8 am - 9:45 am

Marriott - Room A602

- 8 am Abstract #36 has been withdrawn from this session and replaced with:
#237 Combating anemia with iron supplementation may inevitably cause a transient increase in malaria risk (This abstract will also be presented during Poster Session A on Monday, November 14.)
Presented by Morgan Goheen, University of North Carolina Chapel Hill School of Medicine, Chapel Hill, NC, United States

Scientific Session 14

Filariasis: Epidemiology and Control II

Monday, November 14, 10:15 am - Noon

Marriott - Imperial A

- 11 am #53 Simulating the effect of evaluation unit size in determining eligibility to stop mass drug administration for lymphatic filariasis in Haiti
Katherine Gass, Task Force for Global Health, Decatur, GA, United States, replaces Natalya Kostandova as presenter.

Poster Session A

Monday, November 14, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #112 Seroconversion to dengue and chikungunya in immunologically naïve adults in St. Kitts
This abstract, originally scheduled for Poster Session A, will be presented during Poster session B on Tuesday, November 15. The poster will be located in the section of the Hilton Grand Salon designated for "Posters Transferred from Other Sessions."
- #125 The Reemergence of Zika Virus: From Arthropod Vector to Possible Sexual Transmission
Additional author: Dina Ahmed, Armstrong State University, Savannah, GA, United States
- #153 Seroprevalence of Ebola virus among health care workers in the Tshuapa District, Democratic Republic of Congo
Complete author list:
Reena H. Doshi¹, Nicole A. Hoff¹, Patrick Mukadi², Alexis Mwanza², Daniel Mukadi², Joseph Wasiswa², Vivian H. Alfonso¹, Joseph Ngamboli², Natalie Kavira², Rachel Mutombe², Benoit Kebela Illunga³, Emile Okitolonda-Wemakoy⁴, Jean-Jacques Muyembe-Tamfum², Anne W. Rimoin¹
¹*UCLA Fielding School of Public Health, Los Angeles, CA, United States*, ²*Institut National de Recherche Biomedicale, Kinshasa, Democratic Republic of the Congo*, ³*Direction of Disease Control, Ministry of Health, Kinshasa, Democratic Republic of the Congo*, ⁴*Kinshasa School of Public Health, Kinshasa, Democratic Republic of the Congo*

Monday, November 14 (continued)

Poster Session A (continued)

Monday, November 14, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #157 *Megalopyge opercularis*: The Sting that Keeps on Stinging, 1798-2016
Additional author: Dina Ahmed, Armstrong State University, Savannah, GA, United States
- #275 Factors influencing the use of mRDTS among Private health Providers and Consumers at the Kenyan Coast
Dennis Mwambi, Population Services Kenya, Nairobi, Kenya, replaces Nancy Njoki as presenter.
- #306 Improving ivermectin 's efficacy as a vector control tool: Reducing its metabolism and excretion to prolong the mosquito-killing window
Updated author affiliation:
Carlos Chaccour, Instituto de Salud Tropical Universidad de Navarra, Pamplona, Spain and ISGlobal, Barcelona Ctr. Int. Health Res. (CRESIB), Hospital Clínic, Universitat de Barcelona, Barcelona, Spain
- #360 Uncomplicated malaria children and adults with in malaria hyperendemic area of Burkina Faso treatment and antibodies production
Issiaka Soulama, Centre National de Recherche et de Formation sur le Paludisme, Ouagadougou, Burkina Faso replaces Fatimata Thiombiano as presenter.
- #423 Cost-effectiveness of malaria control measures: A cluster-randomized control trial of IRS and ITNs in Mozambique
Additional author: Carlos Chaccour, ISGlobal, Barcelona, Spain
- #436 Plasma and memory B cell responses targeting O-specific polysaccharide (OSP) are associated with protection against *Vibrio cholerae* O1 infection among household contacts of cholera patients in Bangladesh
This abstract will now be presented as an oral presentation in Scientific Session 3: Bacteriology: Cholera on Monday, November 14 at 9:30 am in Marriott – Imperial B.
- #444 A cross-sectional abattoir study on *Taenia hydatigena* infections in pigs in Burkina Faso
Veronique Dermauw, Institute of Tropical Medicine, Antwerp, Belgium, replaces Pierre Dorny as presenter.
- #446 Neurocysticercosis and epilepsy among people living nearby pigs heavily-infected with cysticercosis in rural endemic Peru
Additional author: Brian T. Garvey, Oregon Health & Science University, Portland, OR, United States

Monday, November 14 (continued)

Poster Session A (continued)

Monday, November 14, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #541 One Health Worldwide: Emerging infectious diseases, Global Health veterinarians, and zoonotic surveillance
Benjamin Norton, Smithsonian Institution, Washington, DC, United States, replaces Kali Holder as presenter.
- #554 Phylogenetic analysis of *Blastocystis spp.* isolates in clinical stool samples from Brazil
Complete author list:
Melo GB¹, Paula FM¹, Malta FM¹, Maruta CW², Criado PP², Magri MH¹, Castilho VLP³, Gonçalves EMN³, **Espírito-Santo, MCC¹**, Gryscek RCB¹
¹Laboratório de Investigação Médica, Instituto de Medicina Tropical de São Paulo, Universidade de São Paulo, São Paulo, Brazil; ²Ambulatório de Dermatologia, Hospital das Clínicas da Faculdade de Medicina, Universidade de São Paulo, São Paulo, Brazil; ³Seção de Parasitologia, Divisão do Laboratório Central do Hospital das Clínicas da Faculdade de Medicina, Universidade de São Paulo, São Paulo, Brazil
- #561 Standardization of an On-Bead Sandwich ELISA for the Detection of *Toxoplasma gondii* Antigen SAG1
Additional author: Yossef Alnasser, Universidad Peruana Cayetano Heredia, Lima, Peru
- #LB-5137 Lassa fever: A silent creeper
Additional author: Femi Taiwo, Armstrong State University, Savannah, GA, United States

Symposium 37

A Decade of U.S. Government Commitment to Combatting Malaria and Saving Lives: The President's Malaria Initiative, 2006-2015

Monday, November 14, 1:45 pm - 3:30 pm

Marriott - Atrium A

- 2:15 pm PMI's Successful Partnerships in Malaria Control: Senegal
Omar Sarr, National Malaria Control Program, Dakar, Senegal, replaces Moustapha Cisse as presenter.

Symposium 41

Terrorism, Conflict, Epidemics and Acts of God: The Impact of the Unpredictable on NTD Programs

Monday, November 14, 4 pm - 5:45 pm

Marriott - Imperial A

- 5 pm Novel approach for mapping NTDs in refugee camps in Gambella and Beneshangul-Gumuz (Ethiopia): Host versus origin communities as a source of NTD infection
Biruck Kebede Negash replaces Scott McPherson as presenter.

Monday, November 14 (continued)

Symposium 50

Mapping the Denominator

Monday, November 14, 4 pm - 5:45 pm

Marriott - Room A602

- 4:20 pm Mapping human settlements at high resolution from satellite imagery for public health support
Eric Weber, Oak Ridge National Laboratory, Knoxville, TN, United States, replaces Budhu Bhaduri as presenter.

Tuesday, November 15

Scientific Session 56

Global Health: Ebola

Tuesday, November 15, 8 am - 9:45 am

Marriott - Marquis B

- 8 am #666 Implementation of a multi-country response to the Ebola Virus Disease Epidemic in West Africa: Lessons from the field
Adam Levine, International Medical Corps, Washington, DC, United States replaces Reshma Roshania as presenter.
- 9 am #670 Mortality Outcomes among Patients with Variable Infection States with Ebola Virus Disease and Malaria in Sierra Leone: A Retrospective Cohort Study
Matthew Waxman, Olive View – UCLA Medical Center, Los Angeles, CA, United States, replaces Adam Aluisio as presenter.

Symposium 60

ASTMH Committee on Global Health (ACGH) Symposium I: Building a Successful Career in Global Health - Global Health Leaders from Around the Globe Share Their Experiences

Tuesday, November 15, 8 am - 9:45 am

Marriott - Atrium A

- 8:50 a.m. Skills and strategies to succeed in global health in low- and middle-income countries
Presenter: Ousmane Koita, Universite des Sciences, des Techniques et des Technologies, Bamako, Mali

Tuesday, November 15 (continued)

Symposium 62

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

Tuesday, November 15, 2016, 8 am - 9:45 am

Marriott - Room A601

Updated Program

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|---------|--|---|
| 8 am | ACME Annual Business Meeting and Awards Presentation | Lyric C. Bartholomay <i>University of Wisconsin Madison, Madison, WI</i> |
| 8:15 am | Hoogstraal Medal Presentation | |
| 8:45 am | SC Johnson (SCJ) Innovation Award | |
| 9 am | State of the art in urban <i>Ae. aegypti</i> control for Zika emergency response | Scott Ritchie <i>James Cook University, Cairns, Australia</i> |
| 9:30 am | Networking and Social Time | |

Symposium 63

Schistosomiasis Control with a View Toward Elimination

Tuesday, November 15, 8 am - 9:45 am

Marriott - Room A602

- 8 am Outcomes of five-year long randomized trials of school- and community-based mass drug administration for *S. mansoni* in Kenya
Pauline Mwinzi, KEMRI, Kisumu, Kenya replaces Susan Montgomery as presenter.

Symposium 64

Where Will the Next Malaria Medicines Come From?

Tuesday, November 15, 8 am - 9:45 am

Marriott - Room A703/A704

- 8:20 am What can be learned from the phenotypic screening of over 6 million compounds?
Javier Gamo, GlaxoSmithKline, Tres Cantos Madrid, Spain replaces Jim Brown as presenter.
- 8:40 am Screening new compounds: What and why?
Beatriz Baragana, University of Dundee, Dundee, United Kingdom replaces Paul Wyatt as presenter.

Tuesday, November 15 (continued)

Scientific Session 72

American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Malaria and Protozoal Diseases - Biology and Pathogenesis

Tuesday, November 15, 10:15 am - Noon

Marriott - Room M103/M104/M105

10:15 am #1931 Genomic Ablation of Cyst-Wall-Protein-1 prevents stage-specific formation of Golgi-like organelles and regulated secretion of a cyst wall in *G. lamblia*
Jacqueline Ebnetter¹, Sally D. Heusser¹, Elisabeth M. Schraner², Carmen Faso¹, Adrian B. Hehl¹

¹*Institute of Parasitology, University of Zurich, Zurich, Switzerland*, ²*Institute of Veterinary Anatomy, University of Zurich, Zurich, Switzerland*

10:30 am #1932 Adipose Tissue is a Major Reservoir of Functionally Distinct *Trypanosoma brucei* Parasites

Sandra Trindade¹, Filipa Rijo-Ferreira¹, Tânia Carvalho¹, Daniel Pinto-Neves¹, Fabien Guegan¹, Francisco Aresta-Branco¹, Fabio Bento¹, Simon A. Young², Andreia Pinto¹, Jan Van Den Abbeele³, Ruy M. Ribeiro⁴, Sérgio Dias¹, Terry K. Smith², Luisa M. Figueiredo¹

¹*Instituto de Medicina Molecular, Lisboa, Portugal*, ²*University of St. Andrews, St. Andrews, United Kingdom*, ³*Institute of Tropical Medicine Antwerp, Antwerp, Belgium*, ⁴*Los Alamos National Laboratory, Los Alamos, NM, United States*

Symposium 73

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

Tuesday, November 15, 10:15 am - Noon

Marriott - Atrium A

Small Group Discussion: Skills and strategies to succeed in global health in the United States

Laila Woc-Colburn, Centers for Disease Control and Prevention, Atlanta, GA, United States replaces Jonathan Ripp as group facilitator.

New Small Group Discussion: Developing and Delivering Effective Presentations

Steven Stewart, Centers for Disease Control and Prevention, Atlanta, GA, United States serves as facilitator.

Tuesday, November 15 (continued)

Symposium 75

American Committee of Medical Entomology (ACME) Symposium II: Applied Medical Entomology: Bridging Field and Laboratory Studies

Tuesday, November 15, 2016, 10:15 am - Noon

Marriott - Room A601

Updated Program

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| 10:15 am | International Student Travel Award | |
| 10:30 am | Travel Award Recipient Talk | |
| 10:45 am | Case study perspectives on the biodiversity of the mosquito fauna of Brazil | Vinicios Ferreira-de-freitas <i>University of Wisconsin Madison, Madison, WI, United States</i> |
| 11 am | Bacterial composition of larval breeding sites of African <i>Aedes aegypti</i> and its effect on vectorial capacity | Laura Dickson <i>Pasteur Institute, Paris, France</i> |
| 11:15 am | Spatial heterogeneity in insecticide resistance patterns in <i>Ae. aegypti</i> | Marissa Grossman <i>Emory University, Atlanta, United States</i> |
| 11:30 am | Interrogating indoor and outdoor mosquito populations and transmission of emerging arboviruses along the Texas-Mexico border | Gabriel Hamer <i>Texas A&M University, College Station, United States</i> |
| 11:45 am | Eco-epidemiological modeling to identify targets for control of tick-borne pathogens | Maria Diuk-Wasser <i>Columbia University, New York, NY, United States</i> |

Scientific Session 77

Intestinal and Tissue Helminths: Soil-Transmitted Helminths – Epidemiology and Control

Tuesday, November 15, 10:15 am - Noon

Marriott - Room A703/A704

- 11 am #701 Maternal postpartum deworming as a means of improving infant growth and morbidity in areas endemic for soil-transmitted helminthiasis
Theresa Gyorkos, McGill University, Montreal, QC, Canada replaces Layla Mofid as presenter.
- 11:45 am #704 Results of a combined public health intervention against *S. stercoralis* in an Argentinian endemic region monitored through NIE-ELISA
Alejandro Krolewiecki, Consejo Nacional de Investigaciones Científicas y Técnicas, Buenos Aires, Argentina, replaces Paola Vargas as presenter.

Tuesday, November 15 (continued)

Poster Session B

Tuesday, November 15, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #112 Seroconversion to dengue and chikungunya in immunologically naïve adults in St. Kitts
This abstract, originally scheduled for Poster Session A on Monday, November 14, will be presented during Poster session B. The poster will be located in the section of the Hilton Grand Salon designated for "Posters Transferred from Other Sessions."
- #780 Studies on knockdown resistance (kdr) mutations in *Aedes aegypti* and *Aedes albopictus* in India
Updated affiliation for author Raja Babu Singh Kushwah is National Institute of Malaria Research, Dwarka, New Delhi, India.
- #821 The Global Health Service Partnership: An Academic-Clinical Partnership to Build Capacity in Nursing and Medicine in Sub-Saharan Africa
Elizabeth Glaser, Seed Global Health and the Global Health Service Corps, Blantyre, Malawi, replaces Eileen Stuart-Shor as presenter.
- #825 Zika virus-related photo sharing on Pinterest and Instagram
Co-Presenters: Isaac Chun-Hai Fung, Elizabeth B. Blankenship, M. Elizabeth Goff, Lindsay A. Mullican
- #878 Can Pharmacy Providers provide quality malaria diagnostic in Kenya: Results from Exit interview and Mystery client studies from the Kenyan Coast
Dennis Mwambi, Population Services Kenya, Nairobi, Kenya, replaces Anne M. Musuva as presenter.
- #929 Health Worker Adherence to Malaria Case Management Guidelines at Publicly Funded Outpatient Health Facilities — Southern Malawi, 2015
Laura Steinhardt, Centers for Disease Control and Prevention, Atlanta, GA, United States, replaces Ruth Namuyinga as presenter.
- #981 Orde Wingate's Suicide Attempt, Cairo, 1942: A Case Study in Acute Atabrine Psychosis
Additional author: Dina Ahmed, Armstrong State University, Savannah, GA, United States
- #1078 Clinical Characteristics of Ebola survivors 40 years post infection in the Democratic Republic of Congo
Complete author list:
Alexis Kabongo Mwanza¹, Daniel Mukadi¹, Patrick Mukadi¹, Nicole A Hoff¹, **Reena H Doshi**¹, Joseph Wasiswa¹, Vivian H Alfonso², Anne W. Rimoin²
¹University California Los Angeles/Democratic Republic of Congo, Kinshasa, Democratic Republic of the Congo, ²University of California Los Angeles, Los Angeles, CA, United States

Tuesday, November 15 (continued)

Poster Session B (continued)

Tuesday, November 15, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #1136 Guidance in Designing Surveys for Monitoring Surveys for Monitoring the Progress of School-Based Deworming Programs to Control Soil-Transmitted Helminthiasis
Roy Anderson, Imperial College, London, United Kingdom, replaces Bruno Levecke as presenter.
- #1172 Determination of Plasma Levels of Levofloxacin by High Performance Liquid Chromatography for Use at a Multidrug-Resistant Tuberculosis Hospital in Tanzania
Suzanne Stroup, University of Virginia, Charlottesville, VA, United States replaces Andrew Ebers as presenter.
- #LB-5276 What happened to the malaria market in Kenya after the AMFm?
This abstract, originally scheduled for Poster Session B, will be presented during Poster Session C on Wednesday, November 16. The poster will be located in the Hilton Grand Salon in the section designated for "Posters Transferred from Other Sessions."

Scientific Session 83

Bacteriology: Diarrhea - Determinants and Prevention

Tuesday, November 15, 1:45 pm - 3:30 pm

Marriott - Imperial B

- 3:15 pm Abstract #1207 has been withdrawn from this session and replaced with:
#1036 Increasing anti-adhesin immune responses by modifying fimbrial gene stem-loop structure in live attenuated Shigella/ETEC vaccines (This abstract will also be presented during Poster Session B on Tuesday, November 15).
Presented by Kurt Hanevik, University of Bergen, Bergen, Norway

Symposium 87

Global Call to Action to Increase Coverage of Intermittent Preventive Treatment in Pregnancy: Progress and Lessons Learned

Tuesday, November 15, 1:45 pm - 3:30 pm

Marriott - Marquis D

- 2:45 pm What did it take to expand coverage of IPTp2 and 3: Early successes from Malawi
Fannie Kachale, Malawi Ministry of Health, Lilongwe, Malawi, replaces Doreen Ali as presenter.

Tuesday, November 15 (continued)

Scientific Session 88

Integrated Control Measures for Neglected Tropical Diseases

Tuesday, November 15, 1:45 pm - 3:30 pm

Marriott - Atrium A

- 1:45 pm #1208 Assessment of the needs for the Neglected Tropical Disease (NTD), Non-Communicable Disease (NCD) and the Eye Health Programs in Liberia following the outbreak of Ebola Viral Disease
Brent Thomas, Liverpool School of Tropical Medicine, Liverpool, United Kingdom replaces Karsor Kollie as presenter.

Symposium 92

New Approaches to Examining Antigenic Variation in Multiple *Plasmodium* Species and in the Course of Infections in Humans, Non-Human Primates and Mosquitoes

Tuesday, November 15, 1:45 pm - 3:30 pm

Marriott - Room A706/A707

- 2:05 pm New presentation title: *Plasmodium knowlesi*: Bridging the gap between human health and model organism in malaria antigenic variation research
Mariko Peterson, Emory University School of Medicine, Atlanta, GA, United States replaces Elena Gomez-Diaz as presenter.
- 2:25 pm This presentation was originally scheduled for 2:05 pm. *Plasmodium knowlesi* variant antigen gene and protein investigations using macaque infections to determine the molecular mechanisms that govern switching and epigenomic regulation *in vivo*

Symposium 98

Results from the Pneumonia Etiology Research for Child Health Study (PERCH)

Tuesday, November 15, 4 pm - 5:45 pm

Marriott - Marquis D

- 4 pm PERCH in the context of other etiology studies
Karen Kotloff, University of Maryland, Baltimore, MD, United States replaces Abdullah Brooks as presenter.

Scientific Session 99

Schistosomiasis: Immunology, Pathology and Diagnostics

Tuesday, November 15, 4 pm - 5:45 pm

Marriott - Room M103/M104/M105

- 5 pm #1226 An egg protein from *Schistosoma mansoni* is promising for development of high-specificity diagnostics in the era of intensified control
Updated author list:
Vanessa Silva-Moraes; Paulo Marcos Zech Coelho; Donald A. Harn; Flavia Fernanda Bubula Couto; Liliane Maria Vidal Siqueira; William De Castro Borges; Ana Lucia Teles Rabello; Lisa M. Shollenberger; Rafaella Fortini Queiroz Grenfell

Tuesday, November 15 (continued)

Symposium 102

Approaches, Advances and Needs for the Elimination of Human African Trypanosomiasis (HAT)

Tuesday, November 15, 4 pm - 5:45 pm

Marriott - Room A706/A707

4 pm How can we achieve HAT elimination by 2020?
Gerardo Priotto, World Health Organization, Geneva, Switzerland replaces Jose R. Franco as presenter.

Symposium 105

The Refugee Journey to Wellbeing

Tuesday, November 15, 7:15 pm - 9 pm

Marriott - Marquis B

Updated Program

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|---------|--|--|
| 7:15 pm | Symposium Keynote Address: Migration and Displacement Today: The Big Picture | Ambassador William Lacy Swing, Director General <i>International Organization for Migration, Geneva, Switzerland</i> |
| 7:35 pm | A Collaborative Response to an Unpredictable and Urgent Refugee Crisis | Mary Jo Frawley <i>Medecins Sans Frontieres, New York, NY, United States</i> |
| 7:55 pm | UNCHR Perspective on Refugee Health | Ann Burton <i>UN High Commissioner for Refugees, Geneva, Switzerland</i> |
| 8:15 pm | CDC's Role in Continuum of Care for Resettling Refugees | Martin S. Cetron <i>Division of Global Migration and Quarantine, Centers for Disease Control and Prevention, Atlanta, GA, United States</i> |
| 8:35 pm | Healthy Resettlement in the U.S. | Alawode Oladele <i>County Wide Services, DeKalb County Board of Health, Decatur, GA, United States</i> |

Wednesday, November 16

Symposium 106

Community Providers for Neglected Tropical Disease Control: The "Building Blocks" for Program Success

Wednesday, November 16, 8 am - 9:45 am

Marriott - Imperial A

8 am Health systems strengthening and NTD control programs: Close-to-community providers' experiences, opportunities and constraints
Theresa Hoke, FHI360, Durham, NC, United States replaces Sally Theobald as presenter.

Scientific Session 109

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

Wednesday, November 16, 8 am - 9:45 am

Marriott - Marquis B

8 am #1933 Analyzing the cryptic stator of the ATP synthase complex in *Toxoplasma gondii*

Diego Huet, Saima M. Sidik, Sebastian Lourido

Whitehead Institute, Cambridge, MA, United States

8:15 am #1934 *Toxoplasma gondii* Interactions with the Host Lipid Droplets: Recruitment, Neutral Lipid Scavenging and Consequences

Sabrina Nolan, Julia D. Romano, Isabelle Coppens

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, United States

Scientific Session 110

Pneumonia, Respiratory Infections and Tuberculosis I

Wednesday, November 16, 8 am - 9:45 am

Marriott - Marquis C

8 am #1248 Transcriptional and proteomic categorization of the etiology of pneumonia syndrome in pediatric patients in malaria endemic areas

Quique Bassat, ISGlobal, Barcelona, Spain, replaces Danny Milner as presenter.

Scientific Session 112

Kinetoplastida: Diagnosis, Treatment and Vaccine Development

Wednesday, November 16, 8 am - 9:45 am

Marriott - Room M103/M104/M105

9:30 am #1268 Assessing *in vitro* and *in vivo* Activity of Miltefosine Against *Trypanosoma cruzi*

This abstract, originally scheduled for Scientific Session 112, will be presented as a poster during Poster Session C on Wednesday, November 16. This poster will be located in the Grand Salon of the Hilton in the section designated for "Posters Transferred from Other Sessions."

9:30 am #519 replaces #1268; #1268 will now be presented during Poster Session C.

#519 A loop-mediated isothermal amplification (LAMP) kit for molecular detection of *Trypanosoma cruzi* DNA; A feasibility study (This abstract will also be presented during Poster Session A on Monday, November 14.)

Presented by Albert Picado, FIND, Geneva, Switzerland

Wednesday, November 16 (continued)

Scientific Session 113

Malaria: Chemotherapy for Control and Elimination

Wednesday, November 16, 8 am - 9:45 am

Marriott - Atrium A

9:30 am #1275 Evaluation of Targeted Mass Treatment of Malaria in Tanintharyi Region, Myanmar: Preliminary Results
Phyo Maung Maung, Community Partners International, Yangon, Myanmar, replaces Si Thura as presenter.

Symposium 115

Understanding, Detecting, Preventing the Fertilization of *Plasmodium* Parasites

Wednesday, November 16, 2016, 8 am - 9:45 am

Marriott - Room A601

9 am Updated presentation title: Integrated transcriptomic and proteomic analyses of *P. falciparum* gametocytes and their application for estimating gametocyte-sex ratio in natural infections

Scientific Session 116

Arthropods: Other Arthropods

Wednesday, November 16, 8 am - 9:45 am

Marriott - Room A703/A704

8 am Abstract #1276 has been withdrawn and replaced with:
#172 A reverse transcriptase PCR assay for the identification of *Dirofilaria immitis* infective (L3) larvae in mosquitoes (This abstract will also be presented during Poster Session A on Monday, November 14).
Presented by Eric Chambers, Valdosta State University, Valdosta, GA, United States

Scientific Session 117

Malaria: Control Interventions - Operational Innovations and Challenges

Wednesday, November 16, 8 am - 9:45 am

Marriott - Room A706/A707

8:30 am #1285 Evaluating the impact of the national scale-up of malaria control interventions in Liberia from 2004 to 2013
Victor Koko, National Malaria Control Program, Monrovia, Liberia, replaces Samantha Herrera as presenter.

Symposium 119

Yellow Fever: Scientific and Logistical Challenges for a Preventable Disease

Wednesday, November 16, 10:15 am - Noon

Marriott - Imperial B

10:40 am Correct presentation title:
View from the field: Outbreak control activities during the 2016 Yellow Fever outbreak in the Democratic Republic of the Congo

Wednesday, November 16 (continued)

Scientific Session 125

Virology: Ebola

Wednesday, November 16, 10:15 am - Noon

Marriott - Atrium A

- 10:15 am #1309 Investigating Virus Persistence in Body Fluids of Ebola Survivors in Sierra Leone
Elizabeth Ervin, Centers for Disease Control and Prevention, Atlanta, GA, United States replaces Barbara Knust as presenter.

Poster Session C

Wednesday, November 16, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #1268 Assessing *in vitro* and *in vivo* Activity Of Miltefosine against *Trypanosoma cruzi*
This abstract, originally scheduled for Scientific Session 112 on Wednesday, November 16, will be presented as a poster during Poster Session C. This poster will be located in the Grand Salon of the Hilton in the section designated for "Posters Transferred from Other Sessions."
- #1443 Tropical Disease in Late 18th Surinam: The Case of Capt. John Stedman, 1772-1777
Additional author: Dina Ahmed, Armstrong State University, Savannah, GA, United States
- #1551 Including most-at-risk populations in health program planning and implementation: an intercultural communication framework to support malaria elimination amongst indigenous peoples in the Americas
Complete author list:
Julie N. de Carvalho, Patricia Isabel Sánchez Bao, Chloe Hans-Barrientos
- #1632 Improving private sector malaria case surveillance and quality assurance using DHIS2: lessons learned
Cristina Lussiana, Population Services International, Nairobi, Kenya, replaces Andrea Cutherell as presenter.
- #1690 Can we eliminate trachoma as a public health problem by 2020?
The data for this presentation will be presented during Symposium 100: Quantitative Approaches to Support the Achievement of Elimination Targets for Intensified Disease Management NTDs on Tuesday, November 15 at 5 pm in Marriott - Atrium A.
- #1711 Comprehensive care of Chagas disease in a non-endemic country: the example of Spain
Additional authors:
María D. Flores-Chavez; Javier Nieto
Leishmaniasis and Chagas Disease Unit, National Microbiology Center, Instituto de Salud Carlos III, Madrid, Spain

Wednesday, November 16 (continued)

Poster Session C (continued)

Wednesday, November 16, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #1727 The effect of maternal postpartum deworming on infection status, anemia and fatigue
Theresa Gyorkos, McGill University, Montreal, QC, Canada, replaces Layla Mofid as presenter.
- #1759 Cutaneous leishmaniasis due to *Leishmania donovani*: Role of IL-4 and IFN-gamma in lesion healing
Nadira D. Karunaweera, University of Colombo, Colombo, Sri Lanka, replaces Nuwani H. Manamperi as presenter.
- #1764 Biomarkers of protective immunity induced by live attenuated *Leishmania donovani* parasites in presence of asymptomatic infection
Hira Nakhasi, U.S. Food and Drug Administration, Silver Spring, MD, United States replaces Nevien Ismail as presenter.
- #1800 Effect of a Combined Hardware and Behavior Change Intervention on Handwashing Behaviors in Primary School Children: the Povu Poa School Pilot Study
Complete author list:
1. Wit Wichaidit (lead author)
2. Rachel Steinacher
3. Jaynie Whinnery
4. Jemima Akinyi Okal
5. Clair Null
6. Amy J. Pickering
7. Pavani K. Ram (senior author)
- #1920 The impact of anemia during pregnancy and its risk factors on the cognitive development of one-year-old children
This abstract, originally scheduled for Scientific Session 180 on Thursday, November 17, will be presented during Poster Session C. The poster will be located in the Grand Salon of the Hilton in the section designated for "Posters Transferred from Other Sessions."
- #LB-5276 What happened to the malaria market in Kenya after the AMFm?
This abstract, originally scheduled for Poster Session B on Tuesday, November 15, will be presented during Poster Session C. The poster will be located in the Grand Salon of the Hilton in the section designated for "Posters Transferred from Other Sessions."

Wednesday, November 16 (continued)

Symposium 134

Global Antibiotic Resistance Partnership and ResistanceMap

Wednesday, November 16, 1:45 pm - 3:30 pm

Marriott - Imperial A

2 pm GARP-Kenya: The road to a national action plan
Tom Menge, Kenyatta National Hospital/GARP Kenya, Nairobi, Kenya replaces Evelyn Wesangula as presenter.

Scientific Session 136

Global Health: mHealth, Vaccines and Strategies

Wednesday, November 16, 1:45 pm - 3:30 pm

Marriott - Marquis A

2:30 pm #1810 First oral cholera vaccination campaign in Iraq during an outbreak and humanitarian crisis: Findings from the coverage survey, 2015
Steven Russell, Centers for Disease Control and Prevention, Atlanta, GA, United States, replaces Eugene Lam as presenter.

Scientific Session 147

Global Health: Febrile Illness and Malaria

Wednesday, November 16, 4 pm - 5:45 pm

Marriott - Imperial A

Co-chair: Richard Reithinger, RTI International, Washington, DC, United States replaces Erin Eckert as co-chair.

Symposium 152

Careers in Refugee Health: Case-Based Perspectives and Descriptions

Wednesday, November 16, 4 pm - 5:45 pm

Marriott - Atrium A

5 pm U.S./Domestic Refugee Health
Elizabeth Barnett, Boston University, Boston, MA, United States replaces Ann Settgest as presenter.

Symposium 153

An Integrated Approach to Tropical Dermatology

Wednesday, November 16, 4 pm - 5:45 pm

Marriott - Atrium B

5 pm New presentation title: Improving Skin Barrier Function: Reflecting on the Impact of Lower Limb Simple Skin Care on Reducing Disease Burden in Tropical Lymphoedemas and Other Lower Limb Diseases including Filariasis, Podoconiosis, Leprosy and Kaposi's Sarcoma
Claire Fuller, Chelsea and Westminster Hospital, London, United Kingdom replaces Kingsley Asiedu as presenter.

Thursday, November 17

Symposium 165

Clinical Update - What's New in Literature?

Thursday, November 17, 8 am - 9:45 am

Marriott - Atrium B

Co-Chair: Miguel Cabada, Universidad Peruana Cayetano Heredia and University of Texas Medical Branch, Galveston, TX United States, replaces Davidson Hamer as co-chair.

Scientific Session 168

American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP): Malaria - Biology and Pathogenesis

Thursday, November 17, 8 am - 9:45 am

Marriott - Room A703/A704

8 am #1938 A Serum Factor Regulates Sexual Commitment in *P. falciparum*
Nicolas M. B. Brancucci¹, Joseph P. Gerdt², Charley Wang³, Mariana De Niz¹, Nisha Philip¹, Swamy R. Adapa³, Min Zhang³, Martha Clark⁴, Christoph Gruering⁴, Alison Demas⁴, Selma Bopp⁴, Dyann Wirth⁴, Manoj Duraisingh⁴, John Adams³, Andrew P. Waters¹, Rays H. Y. Jiang³, Jon C. Clardy², Matthias Marti¹

¹Wellcome Trust Centre for Molecular Parasitology, Institute of Infection, Immunity and Inflammation, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow, United Kingdom, ²Harvard Medical School, Department of Biological Chemistry and Molecular Pharmacology, Boston, MA, United States, ³Center for Global Health and Infectious Diseases Research, Department of Global Health, College of Public Health, University of South Florida, Tampa, FL, United States, ⁴Harvard T.H. Chan School of Public Health, Department of Immunology and Infectious Diseases, Boston, MA, United States

8:15 am #1939 Molecular Dissection of *Cryptosporidium* Lifecycle
Jayesh V. Tandel, Adam Sateriale, Brittain Pinkston, Carrie Brooks, Boris Striepen
Center for Tropical and Emerging Global Diseases, University of Georgia, Athens, GA, United States

Scientific Session 169

Malaria: Control Interventions - Assessment of Quality and Effectiveness

Thursday, November 17, 8 am - 9:45 am

Marriott - Room A706/A707

Co-Chair: Fozo Alombah, PATH, Kinshasa, Democratic Republic of the Congo replaces Jean Yves Mukamba as co-chair.

8:45 am #1884 Building a System of Quality Assured Malaria Case Management in the Democratic Republic of the Congo
Fozo Alombah, PATH, Kinshasa, Democratic Republic of the Congo, replaces Jean Yves Mukamba as presenter.

Symposium 170

Making Money Matter: Cost-Effectiveness and NTD Interventions

Thursday, November 17, 10:15 am - Noon

Marriott - Imperial A

Co-Chair: Inyang Asibong replaces Christopher Fitzpatrick as co-chair.

Thursday, November 17 (continued)

Scientific Session 176

Kinetoplastida: Molecular Biology and Immunology

Thursday, November 17, 10:15 am - 12:15 pm

Marriott - Room M103/M104/M105

- 11:45 am New presentation time for #1762, which was originally scheduled for this session at noon: Identification of microRNA-21 as a biomarker in live attenuated *Leishmania* vaccine induced protective immunity

Symposium 179

Gene Drives on the Horizon: Advancing Science, Navigating Uncertainty and Aligning Research with Public Values

Thursday, November 17, 10:15 am - Noon

Marriott - Room A601

- 11:15 am** Regulatory Considerations in a Global Arena
Todd Kuiken, North Carolina State University, Raleigh, NC, United States replaces Joyce Tait as presenter.

Scientific Session 180

Global Health: Maternal and Child Health

Thursday, November 17, 10:15 am - Noon

Marriott - Room A602

Co-chair: Erin Eckert, United States Agency for International Development, Washington, DC, United States, replaces Davidson Hamer as co-chair.

- 11:15 am #1920 The impact of anemia during pregnancy and its risk factors on the cognitive development of one-year-old children
This abstract, originally scheduled for Scientific Session 180, will be presented during Poster Session C on Wednesday, November 16. The poster will be located in the Grand Salon room of the Hilton in the section designated for "Posters Transferred from Other Sessions."
- 11:15 am #835 replaces #1920, which will now be presented during Poster Session C on Wednesday, November 16.
#835 Linking Household and Point-of-care Data to Estimate Coverage of Appropriate Management of Childhood Illness in Southern Province, Zambia (This abstract will also be presented during Poster Session B on Tuesday, November 15.)
Presented by Emily Carter, Johns Hopkins School of Public Health, Baltimore, MD, United States

Symposium 181

Enhancement of Syndromic Surveillance, Outbreak-Response and Disease Elimination through Innovative Laboratory Diagnostics

Thursday, November 17, 10:15 am - Noon

Marriott - Room A703/A704

- 10:45 am Development and Challenges of Translating Viral Hemorrhagic Fever Research to Actionable Diagnostic Applications
Lou Altamura, USAMRIID, Frederick, MD, United States replaces Tim Minogue as presenter.

Withdrawn/Cancelled Presentations

Monday, November 14

Scientific Session 3

Bacteriology: Cholera

Monday, November 14, 8 am - 9:45 am

Marriott - Imperial B

9:30 am #14 Oral cholera vaccine studies in high cholera endemic settings in Bangladesh

Scientific Session 11

Malaria: Biology and Pathogenesis

Monday, November 14, 8 am - 9:45 am

Marriott - Room A602

8 am #36 Functional analysis of divergent GPCR-like proteins during *Plasmodium chabaudi* blood-stage development

Scientific Session 12

Mosquitoes: Operational Control

Monday, November 14, 8 am - 9:45 am

9 am #47 Autocidal mosquito control: Allowing mosquitoes to help us with our work

Poster Session A

Monday, November 14, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

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|------|---|
| #94 | Arthropod Exosomes as novel transmission blocking strategies for Vector-borne Pathogens |
| #98 | Prevalence of Dengue and Chikungunya virus infections in north-eastern Tanzania: A cross sectional study among participants presenting with malaria-like symptoms |
| #134 | Zika Virus: Knowledge gaps and vaccine research and development challenges |
| #199 | Utilize All for Health. An Observational Study |
| #204 | Crowdsource Reporting of Infectious Diseases during a Disaster: A Novel Technology Approach |
| #214 | Understanding research activity in the health sector of Uzbekistan: Implications for health research capacity strengthening |
| #233 | A LAP-like process as a novel immune mechanism downstream of IFN- γ in the control of the human malaria <i>Plasmodium vivax</i> liver stage |

Monday, November 14 (continued)

Poster Session A (continued)

Monday, November 14, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #298 Human polymorphism assessment against the safety and efficacy usage of primaquine
- #299 Characterization of populations crossing formal and informal borders on the Cambodia-Laos border, including identification of malaria infection and artemisinin resistance infection
- #313 Heterogeneity of *Plasmodium falciparum* malaria cases in Matabeleland South: analysis of cases reporting travel history in the early stages of an elimination program
- #316 Severe flooding and malaria transmission: Implications for disease control in an era of global climate change
- #321 Correlation between malaria infection during pregnancy and adverse birth outcomes in varied malaria transmission settings in Uganda and Burkina Faso respectively
- #345 Does a single peripheral blood sample from a malaria-infected individual capture all parasite genotypes present in an infection?
- #354 The role of inflammation and microvascular damage/repair in the pathogenesis of cerebral malaria
- #356 The influence of inhibitory molecules on Treg cells during *Plasmodium vivax* malaria
- #357 Antibodies to *Plasmodium falciparum* apical membrane antigen-1 and circumsporozoite protein are associated with protection from hospitalization after severe malaria disease
- #379 Geographic targeting of malaria interventions in Myanmar using a dynamic economic epidemiological model
- #386 Comparison of Methemoglobin Level Between Children and Adult After Treatment with Primaquine
- #430 Genotypic identification of AmpC β -Lactamases production in diarrhoeagenic *E. coli* from children under five and molecular docking of their proteins
- #474 A Prospective Study of Scabies Outbreaks in Ten Residential Care Facilities for the Elderly

Monday, November 14 (continued)

Poster Session A (continued)

Monday, November 14, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #475 Bacterial Etiology and Outcome Of Childhood Life Threatening Infections in the Gambia: EUCLIDS in West Africa
- #478 Iron deficiency is common in Ugandan children with sickle cell anemia
- #514 Identification and biological characterization of novel pharmacologically active compounds obtained from high throughput screening of *Leishmania* parasite
- #516 Evaluation of macrophage activation marker neopterin as a pharmacodynamic biomarker in visceral leishmaniasis
- #570 Development of a novel method for *Opisthorchis viverrini* DNA detection in urine by PCR Assay
- #578 Characterization And Functional Studies Of Serine/Threonine Protein Phosphatase 1 (PP1)Encoding Genes From *Schistosoma japonicum*
- #582 Advancing Water Treatment for Resource Recovery to Enhance Disease Mitigation
- #595 Quantifying the role of failing water and sanitation infrastructure on health, healthcare costs and societal wellbeing during varying disaster scenarios
- LB-5051 Analysis of antimalarial resistance markers pfmdr1 and pfprt across Southeast Asia from the Tracking Resistance to Artemisinin Collaboration Study

Tuesday, November 15

Scientific Session 59

Bacteriology: Trachoma

Tuesday, November 15, 8 am - 9:45 am

Marriott - Room M103/M104/M105

- 9 am #683 Use of Multiple Strategies to Mobilize Trachomatous Trichiasis Cases for Surgery in 4 Districts of Katsina State, Nigeria

Tuesday, November 15 (continued)

Poster Session B

Tuesday, November 15, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #728 A closer look at ADE and OAS in the secondary dengue plasmablast response
- #738 Recent scientific and clinical advances in Sanofi Pasteur's Dengue Vaccine Program
- #740 Spatiotemporal Analyses of Dengue Hospitalizations Coded in Brazil
- #745 Comprehensive mutagenesis of HCV E1/E2 envelope to epitope map anti-Env antibodies and functional residues critical for HCV infectivity
- #749 Clinical characterization of acute patients in Brazil, Venezuela, and El Salvador in 2015/16
- #751 Mapping the global distribution of yellow fever
- #753 Hospitalizations by Hepatitis C between 1998 and 2013 in Brazil: An intriguing Amazonian tale
- #760 A trial to assess the thermotolerance of an inactivated rabies vaccine
- #813 Contribution of remotely sensed data for malaria risk surveillance in Madagascar
- #816 Malaria risk assessment using Multi Criteria Evaluation to identify priority areas for indoor residual spraying in the Central Highlands of Madagascar
- #823 Creating a holistic framework for understanding the full impact of the Zika virus on mothers, infants, health systems and society
- #824 Using AMR data in data-rich countries in combination with universal 'media' data to map antimicrobial trends and drivers across data-poor areas of Africa
- #839 Voting for better health in deprived communities
- #864 Population genetics of the chloroquine-resistant gene Pfcr1 in Cameroonian field Plasmodium falciparum isolates
- #867 Antimalarial drug-resistance; what do HIV and immunity have to do with it?
- #937 Temporal dynamics of genome-wide transcription in malarial children in Burkina Faso
- #960 The transcription factor T-bet compromises humoral immunity to blood-stage malaria by inhibiting the efficient development of germinal centre responses

Tuesday, November 15 (continued)

Poster Session B (continued)

Tuesday, November 15, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #1044 Five-year surveillance of diphtheria outbreak in Indonesia
- #1052 Persistence of ST217 Clonal Complex Lineage B of Serotype 1 Pneumococcal Meningitis in Northern Ghana - The Prospect of Pneumococcal Vaccines in African meningitis Belt
- #1057 Blockade of CTLA-4 impairs antibacterial immunity by reducing activation of CD8+ T cells and increasing production of IL-10 by T cells in murine *Orientia tsutsugamushi* infection
- #1090 New methods to measure changes in infectious disease transmission from quantitative antibody measurements: examples using *Wuchereria bancrofti*, *Plasmodium falciparum*, and enteric pathogens
- #1110 Development of Immunocompetent Animal Models for Simultaneous and Separate Testing of Drugs on *Onchocerca* and *Loa loa* microfilariae, and *Onchocerca* adult worms
- #1126 Prevalence of STH at a coastal area in India - Role of students' hygiene practices, school and home sanitation facilities
- #1144 HIV epidemiology and coverage of HIV health services in Gem County, Siaya County, Western Kenya, 2013-2014
- #1157 Outcomes of a community interventional-evaluative model for neglected diseases in East Pokot, Kenya
- #1161 Estimating the costs and cost-effectiveness of early diagnosis and treatment of Chagas Disease in Colombia
- #1178 A pilot study on human schistosomiasis in a rural community of Fianga, Republic of Chad
- #1183 Determining the impact of *Schistosoma mansoni* infection on public health in a high prevalence region in remote Madagascar
- #1196 Incorporating WASH indicators into national control program surveys for Schistosomiasis and STH in Madagascar
- LB-5259 HIV incidence among high risk population groups living in a peri-urban area of Maputo City, Mozambique: A cohort study

Tuesday, November 15 (continued)

Scientific Session 83

Bacteriology: Diarrhea - Determinants and Prevention

Tuesday, November 15, 1:45 pm - 3:30 pm

Marriott - Imperial B

3:15 pm #1207 A Phase 1 Open-label, Dose Escalating Study of Artificial *Shigella flexneri* 2a InvaPlex administered intranasally to healthy, adult volunteers

Wednesday, November 16

Scientific Session 116

Arthropods: Other Arthropods

Wednesday, November 16, 8 am - 9:45 am

Marriott - Room A703/A704

8 am #1276 *Aedes albopictus* at altitude: what cost for chikungunya and dengue transmission?

Poster Session C

Wednesday, November 16, Noon - 1:45 pm

Hilton - Grand Ballroom and Grand Salon

- #1341 Seasonal Prevalence of Alphaviruses and Flaviviruses in Children in Western Kenya
- #1368 Superensemble forecasts of dengue outbreaks
- #1380 Guillain-Barré syndrome risk among individuals infected with Zika virus
- #1411 Spatio-temporal evolution of resistance to deltamethrin and kdr mutations in *Aedes aegypti* populations in French Guiana: A worrying situation for vector control
- #1441 Detection of mammalian antibodies against Ross River Virus in mosquito blood meals and potential for arbovirus surveillance
- #1471 The Global Health Exchange Fellowship, a pilot program
- #1505 Using polypharmacology to identify novel drugs and drug targets against malaria infection
- #1657 Plant-Mediated Effects on Mosquito Capacity to Transmit Human Malaria
- #1684 Leptospiral DNA in febrile patients from semi-rural communities in Manabí-Ecuador
- #1709 Podoconiosis: Genetic Predisposition Northern Province, Rwanda, Africa

Wednesday, November 16 (continued)

Poster Session C (continued)

Wednesday, November 16, Noon - 1:45 pm

Hilton – Grand Ballroom and Grand Salon

- #1730 Comparison of Kato-Katz, Mini-FLOTAC and Multi-Parallel Real-Time Polymerase Chain Reaction Techniques for Detection of Soil-Transmitted Helminths in Feira de Santana, Brazil
- #1737 Prevalence of Cervical Cancer (CC) screening and the role of knowledge of CC risk and screening guidelines for women living with HIV in Lima, Peru
- #1743 Levering HIV diagnostic and care infrastructure in Rwanda to accelerate the roll-out of new pediatric TB treatment formulations
- #1745 *Trypanosoma cruzi* inhibition of SIRT1/PGC1 activity contributes to antioxidant/oxidant imbalance but not to mitochondrial biogenic defects: Benefits of SIRT1-targeted therapy in Chagas disease
- #1760 Oxygen Metabolism Regulates Macrophage Susceptibility to *Trypanosoma cruzi*
- #1784 Spatiotemporal Modeling of Schistosomiasis in Ghana: Linking Remote Sensing Data to Infectious Disease
- #LB-5368 A Hybridization-Based Enrichment Strategy to Increase the Efficiency of Next Generation Sequencing of Dengue Viruses in Sri Lanka Allows for Higher Resolution Phylogenetic Analysis
- #LB-5377 Sustaining community event-based surveillance in the post-Ebola recovery period in Sierra Leone: Signals of the potential impact of a change in swabbing policy on death reporting, January-July 2016
- #LB-5420 Ebola virus prevention and response, and Zika virus informational workshops in The Gambia, West Africa

Scientific Session 136

Global Health: mHealth, Vaccines and Strategies

Wednesday, November 16, 1:45 pm - 3:30 pm

Marriott - Marquis A

- 2:15 pm #1809 Multimedia tool for obtaining informed consent in The Gambia: A mixed method study
- 3:15 pm #1813 Snakebite: Strategies to reverse the public health neglect of tropical snakebite victims

Thursday, November 17

Scientific Session 173

Pneumonia, Respiratory Infections and Tuberculosis II

Thursday, November 17, 10:15 am - Noon

Marriott - Marquis B

11:45 am #1901 Etiology of acute lower respiratory infections in inpatient children in Ghana - a case-control study

Scientific Session 176

Kinetoplastida: Molecular Biology and Immunology

Thursday, November 17, 10:15 am - 12:15 pm

Marriott - Room M103/M104/M105

11:45 am #1908 Evaluation of the use of *Leishmania donovani* double knock-out parasites (LdCen-/-MIF-/-) as protective vaccine against visceral leishmaniasis

Scientific Session 182

HIV and Tropical Co-Infections

Thursday, November 17, 10:15 am - Noon

Marriott - Room A706/A707

11:15 am #1927 Persistence of lower antibody levels to VAR2CSA in HIV-positive Kenyan pregnant women despite HAART