

2024 Annual Meeting

November 13-17 New Orleans, LA

New Orleans Ernest N. Morial Convention Center



Advancing Science
Building Community
Together

2024 Session Schedule



Livestream Sessions

The Livestream Registration package offers a curated selection of the best science across a variety of tropical medicine/global health foci.



Sessions Designated for Educational Content

Sessions designated with an icon for Educational Content feature an instructive/didactic format on specialized topics by field experts, reviews of novel therapeutics, diseases, and public policy content.

This schedule is subject to change.

Wednesday, November 13, 5:30 p.m. – 7 p.m.



Plenary Session I: Awards Program and Opening Keynote

Thursday, November 14, 8 a.m. – 9:45 a.m.



Symposium 2: Can We Expect Triple/Multiple Artemisinin-Based Combination Therapies for Malaria in the Near Future?



Symposium 3: What's New in Clinical Tropical Medicine Literature?

Scientific Session 4: Kinetoplastida and Other Opportunistic and Anaerobic Protozoa: Diagnosis and New Detection Tools

Symposium 5: American Committee of Medical Entomology (ACME) Symposium I: Animal-Targeted One Health Interventions to Protect Humans from Vector-Borne Diseases

Symposium 6: Back to Basics: The Essential Role of Basic Sciences in Clinical Tropical Medicine and Public Health

Symposium 7: Preliminary Results from The Enterics for Global Health (EFGH) *Shigella* Surveillance Study - Preparing for *Shigella* Vaccine Trials in the Target Population of Young Children Living in Low and Middle Income Countries



Symposium 8: ASTMH Committee on Global Health (ACGH) Symposium I: Strengthening Health System Resilience for Pandemic Preparedness and Response: A Multifaceted Approach

Symposium 9: Interrupting the Transmission of Soil Transmitted Helminths: Results and Implications of the DeWorm3 Trial

Scientific Session 10: Viruses - Immunology

Scientific Session 11: Viruses - Field and Ecological Studies of Viruses Including Surveillance and Spillover Risk and Emergence

Scientific Session 12: Malaria: Transmission Biology

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Scientific Session 13: Malaria: Surveillance and Data Use

Scientific Session 14: Pneumonia, Respiratory Infections and Tuberculosis I

Thursday, November 14, 9:15 a.m. - 10:15 a.m.



Career Chats (via Zoom): **Grants 101** (open to Livestream registrants only)

Thursday, November 14, 10:15 a.m. - Noon



Symposium 15: Alan J. Magill Malaria Eradication Symposium: Developing Leaders in the Continuing Fight for Malaria Eradication: Perspectives from Past Alan J. Magill Fellows

Scientific Session 16: Clinical Tropical Medicine: HIV and Mpox

Scientific Session 17: Kinetoplastida and Other Opportunistic and Anaerobic Protozoa: Epidemiology

Symposium 18: American Committee of Medical Entomology (ACME) Symposium II: Annual Business Meeting, Awards Ceremony, Hoogstraal Medal Presentation and Networking Reception

Symposium 19: Rocky Mountain Spotted Fever in Mexico: Raging On

Scientific Session 20: Bacteriology: *Shigella* and *Salmonella*



Symposium 21: ASTMH Committee on Global Health (ACGH) Symposium II: Building a Diverse Workforce in Global Health Research

Symposium 22: Neglected Tropical Diseases: Getting the Dose Right

Symposium 23: Human Flavivirus Challenge Models: Advances and Lessons Learned

Scientific Session 24: Viruses - Evolution and Genomic Epidemiology

Scientific Session 25: Malaria Pathogenesis: Parasite, Host and 'Omics Studies

Scientific Session 26: Malaria: Diagnosis – Challenges and Innovations

Scientific Session 27: Pneumonia, Respiratory Infections and Tuberculosis II

Thursday, November 14, Noon - 1:45 p.m.

Poster Session 28: Poster Session A

Thursday, November 14, 12:15 p.m. - 1:30 p.m.



Symposium 29: The Power of Partnership: The Role of the U.S. Government in Advancing Global Health

Late-Breaker Abstract Session 30: Late-Breakers in Basic Science



Meet the Professors 31: Meet the Professors: Case Presentations

Thursday, November 14, 1:45 p.m. – 2:30 p.m.



Plenary Session 32: Plenary Session II: Charles Franklin Craig Lecture

Thursday, November 14, 3 p.m. – 4:45 p.m.



Symposium 33: Malaria Vector Genomics Surveillance in Africa: A Pan-African-Led Initiative to Deliver an Accessible Data Platform for Research and Public Health

Scientific Session 34: Filariasis – Epidemiology and Control

Scientific Session 35: Water, Sanitation, Hygiene and Environmental Health (WaSH-E): Interventions

Symposium 36: American Committee on Clinical Tropical Medicine and Travelers' Health (Clinical Group - ACCTMTH) Symposium I: Vincenzo Marcolongo Lecture: Schistosomiasis: Insights Into Immunology and Treatment from Human Challenge Studies

Scientific Session 37: American Committee of Molecular Cellular and Immunoparasitology (ACMCIP): Molecular Approaches to Parasite Infection, Growth and Development

Symposium 38: American Committee on Arthropod-Borne and Zoonotic Viruses (ACAV) Symposium I: Historical and Future Perspectives on Yellow Fever Virus

Symposium 39: One Health Action for All: Assessment and Evaluation



Symposium 40: Hansen's Disease (Leprosy) in the United States: Local Lessons and Global Implications

Scientific Session 41: Global Health: Community Health, NTDs and NCDs

Scientific Session 42: Global Health: Global Health Security, Emerging Infectious Diseases and Pandemic Preparedness

Scientific Session 43: Malaria: Antimalarial Resistance and Chemotherapy

Scientific Session 44: Malaria: Genetics, Genomics and Evolution

Scientific Session 45: Malaria: Elimination

Thursday, November 14, 5:15 p.m. – 7 p.m.



Symposium 46: Infectious Diseases Surveillance and Modeling in LMICs: From Data Collection to Forecasting

Symposium 47: Kent Campbell Tribute Symposium

Scientific Session 48: Water, Sanitation, Hygiene and Environmental Health (WaSH-E): Outcomes



Symposium 49: American Committee on Clinical Tropical Medicine and Travelers' Health (Clinical Group - ACCTMTH) Symposium II: What's New with Vaccines for Tropical and Travel Medicine?

Scientific Session 50: American Committee of Molecular Cellular and Immunoparasitology (ACMCIP): Parasite - Host Microenvironments

Symposium 51: American Committee on Arthropod-Borne and Zoonotic Viruses (ACAV) Symposium II: Annual Business Meeting

Symposium 52: Setting the Research Agenda for Integrating One Health and Hygiene: A Delphi Method Synthesis of Expert Opinion

Symposium 53: End-to-End Development of a Lassa Fever Vaccine Program

Scientific Session 54: Global Health: Research, Training, Policy and Decolonization

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Scientific Session 55: Global Health: Maternal, Newborn and Child Health

Scientific Session 56: Malaria: Drug Development and Clinical Trials

Symposium 57: Building Out Malaria: Housing Modification for Malaria Prevention

Scientific Session 58: Cestodes

Special Session 59: Ponder to Probe: A Climate-Health Networking Event

Thursday, November 14, 7:30 p.m. – 9:15 p.m.

Sponsored Symposia

Special Session 60: Clinical Pub Trivia Night

Friday, November 15, 7 a.m. – 8:45 a.m.

Sponsored Symposia

Friday, November 15, 9 a.m. – 9:45 a.m.



Plenary Session 61: Plenary Session III: Commemorative Lecture

Friday, November 15, 10:15 a.m. - Noon



Symposium 62: Falling Dominoes: Antimalarial Resistance Proliferation in East and Central Africa

Symposium 63: A Life Well Lived in Global Disease Control and Eradication: Remembering ASTMH President Dr. Joel Breman

Scientific Session 64: Filariasis - Clinical, Immunology and Diagnosis

Scientific Session 65: Arthropods: Arthropods/Entomology - Other



Symposium 66: Clinical Tropical Medicine Debates: COVID and Cholera Vaccines

Symposium 67: Schistosomiasis and Pre-School Age Children: Burden, Morbidity, and Update on Treatment Approaches

Symposium 68: Health Inequities of Migrants Crossing the Darien Gap

Symposium 69: Diagnostic Tool Development and Deployment in the Context of Trachoma, Guinea Worm and Polio Elimination and Eradication Programs - Lessons Learned and Considerations for Future Initiatives

Symposium 70: Earth Observation for Health: Integrating Novel Data Streams in Decision-Support Systems for Climate Sensitive Infectious Diseases

Symposium 71: Working Together: How NTD Elimination and Maternal Health Programs Can Learn and Collaborate to Decrease Disease and Maternal Mortality

Scientific Session 72: Malaria: Immunology

Scientific Session 73: Malaria: Prevention

Symposium 74: The Path Towards a Treatment for Dengue: Endemic Country Leadership, Progress and Perspectives

Friday, November 15, Noon – 1:45 p.m.

Poster Session 75: Poster Session B

Friday, November 15, 12:15 – 1:30 p.m.



Symposium 76: The Power of Partnership: Spotlight on Philanthropy

Late-Breaker Abstract Session 77: Late-Breakers in Clinical and Applied Sciences



Meet the Professors 78: Meet the Professors: Tropical Dermatology: Skin Manifestations and Envenomation

Friday, November 15, 1:45 p.m. – 3:30 p.m.



Symposium 79: President's Symposium Expanding Pathways to Global Health: Opportunity, Collaboration and Education

Scientific Session 80: Ectoparasite-Borne Diseases I

Scientific Session 81: Bacteriology: Cholera

Scientific Session 82: Mosquitoes – Biology and Genetics of Insecticide Resistance

Symposium 83: American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP) Symposium I: Single-Cell Approaches in Parasitology

Scientific Session 84: Viruses - Emerging Viral Diseases



Symposium 85: Acute Kidney Injury in Severe Malaria - Diagnosis, Burden, Pathways and Prevention

Scientific Session 86: Measures for Control and Elimination of Neglected Tropical Diseases I

Scientific Session 87: Global Health: Special Populations (Refugees, Internally Displaced, Migrants, etc.)

Symposium 88: Advancing Research to Improve Treatment of Neglected Tropical Diseases in Children

Symposium 89: Ganaplacide (KAF156) A Next-Generation, Non-Artemisinin, for the Treatment of *P. falciparum* Malaria

Scientific Session 90: Malaria Epidemiology I: High Risk Groups

Symposium 91: Results from the PAASIM Study - A Matched Cohort Study on Urban Water Supply Improvements and Infant Enteric Pathogen Infection, Gut Microbiome Development and Child Health in Mozambique

Friday, November 15, 3 p.m. - 4 p.m.

Career Chats: Navigating Career Paths in Global Health – Session 1

Friday, November 15, 4 p.m. – 5:45 p.m.



Symposium 92: From Birds to Cows to Humans: Avian Influenza - A Pandemic Waiting to Happen?

Scientific Session 93: Ectoparasite-Borne Diseases II

Symposium 94: Solving the Supply Shortage: Present and Future Prospects for Cholera Vaccines

Scientific Session 95: Mosquitoes- Molecular Biology, Population Genetics and Genomics

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Symposium 96: American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP) Symposium II: Trager, Trainees and Take-off!

Symposium 97: Understanding Bat Virus Spillovers to Inform Pandemic Prevention: From Evidence to Policy



Meet the Professors 98: Meet the Professors: Challenges in Diagnosis and Management of Clinical Tropical Medicine

Scientific Session 99: Measures for Control and Elimination of Neglected Tropical Diseases II

Symposium 100: Innovative Local Solutions and Novel Data Use Toward Last Mile Efforts in Eliminating Neglected Tropical Diseases

Scientific Session 101: Malaria: Vaccines and Immunotherapeutics

Scientific Session 102: Malaria Epidemiology II: Challenges, Threats and Solutions

Symposium 103: Building Sustainable and Resilient Health System in the Context of Public Health Crisis and Insecurity: Lessons Learned from National NTD and HIV/AIDS Programs in Four African Countries

Special Session 104: Establishing Careers Internationally

Friday, November 15, 6:15 p.m. – 8 p.m.

Sponsored Symposia

Special Session 105: Speed-Networking with the Experts

Saturday, November 16, 8 a.m. – 9:45 a.m.



Symposium 106: Unprecedented Dengue Outbreaks in the Americas and Exemplary Responses to the Growing Challenge



Symposium 107: CDC Yellow Book Travel Medicine Update

Scientific Session 108: Global Health: Improved Health Care Service Delivery and Health Systems Strengthening

Symposium 109: Socio-Ecological Approaches to Mitigating Risk for Tick-Borne Diseases

Symposium 110: Public Health Under Threat - A Protracted Sociopolitical Crisis in Haiti

Scientific Session 111: Bacteriology: Other Bacterial Infections

Scientific Session 112: American Committee of Molecular Cellular and Immunoparasitology (ACMCIP): Parasite Cellular Immunology

Symposium 113: Innovative Tools for the Control of NTDs. How to Achieve Impact through Access Beyond Drug Donations

Scientific Session 114: Nematodes

Symposium 115: Evaluating the Case for Loiasis as a Neglected Tropical Disease

Symposium 116: Implementing Perennial Malaria Chemoprevention across Africa: Converging to Consensus?

Symposium 117: Improving the Diagnosis and Management of Severe Malaria



Symposium 118: Subarachnoid and Intraventricular Neurocysticercosis: What our Patients Have Taught Us

Saturday, November 16, 10:15 a.m. – 11 a.m.



Plenary Session 119: Plenary Session IV: President's Address

Saturday, November 16, 11 a.m. – 12:45 p.m.

Poster Session 120: Poster Session C

Saturday, November 16, 11:15 a.m. – 12:30 p.m.

Late-Breaker Abstract Session 124: Late-Breakers in Virology



Meet the Professors 123: Meet the Professors: Dilemmas in Clinical Tropical Medicine, Cases from Peru

Late-Breaker Abstract Session 122: Late-Breakers in Malaria

Saturday, November 16, 12:45 p.m. – 2:30 p.m.



Symposium 125: Smallpox to a Global Mpxv Outbreak: How Did We Get Here and How Do We Regain Control?

Symposium 126: Mosquito Larval Biology and Control

ASTMH Annual Business Meeting 127: ASTMH Annual Business Meeting

Scientific Session 128: Clinical Tropical Medicine: Neglected Tropical Diseases

Scientific Session 129: Mosquitoes - Bionomics, Behavior and Surveillance

Symposium 130: Cooperation in Caring for Patients with Cystic Echinococcosis: International Experience from Referral Centers

Symposium 131: Post-Viral Sequelae in Ebola Virus Infections: The Complicated Road to Recovery

Symposium 132: Mass Drug Administration of Ivermectin for Onchocerciasis Elimination: Can We Stop Sooner?

Scientific Session 133: Viruses - Epidemiology

Scientific Session 134: Global Health: Use of Modeling, AI and Other Advanced Methods to Study Disease Epidemiology and Impact of Climate Change on Global Health

Symposium 135: Reaching for Elimination: Critical Challenges in Targeting Transmission in Malaria-Endemic Settings

Symposium 136: Vaccines for Malaria Elimination in Asia and Africa



Symposium 137: Advances in Chagas Disease Diagnostic Assays and Testing Strategies

Saturday, November 16, 2 p.m. – 3 p.m.

Career Chats: Navigating Career Paths in Global Health – Session 2

Saturday, November 16, 3 p.m. – 4:45 p.m.



Symposium 138: Systems Immunology of Tropical Diseases: Harnessing Omics and AI for Global Health

Symposium 139: Remembering Karl M. Johnson—A Leader in Tropical Virology

Scientific Session 140: One Health I: The Interconnection between People, Animals, Plants and Their Shared Environment

Symposium 141: Malaria in Children and Adolescents with Sickle Cell Anemia; A Growing High Risk and Morbidity Group

Scientific Session 142: Mosquitoes- Epidemiology and Vector Control I

Scientific Session 143: Schistosomiasis I: Immunology, Pathology, Molecular Biology, Diagnostics and Treatment

Symposium 144: Tackling Persistent and Recrudescence Transmission of NTDs: A Growing End-Game Challenge for Elimination of Trachoma, Lymphatic Filariasis and Eradication of Guinea Worm Disease



Symposium 145: Engaging Scientists as Advocates Globally, Regionally, Nationally and Subnationally - Advocacy Session

Symposium 146: Minimally Invasive Tissue Sampling: A Tool for Public Health Preparedness

Symposium 147: What It Truly Takes to Build Health System Resilience in an Era of Global Environmental Change: A Case Study of Madagascar

Symposium 148: Spatial Repellents to Prevent Dengue and Malaria: Evidence and Policy Updates

Symposium 149: Reaching the Last Mile: Innovations and Implementation Approaches to Ensure Community-Based Malaria Care for All

Symposium 150: New Perspectives on Human Autochthonous Chagas Disease in the United States and Mexico

Saturday, November 16, 5 p.m. – 6:30 p.m.

Special Session 164: ASTMH Committee on Global Health (ACGH) Networking and Lightning Presentations

Saturday, November 16, 5:15 p.m. – 7 p.m.



Symposium 151: Global Collaboration on Determining Best Practices in the Evaluation and Management of Suspect Viral Hemorrhagic Fever (VHF) Cases



Special Session 152: Film Screening and Discussion: “Accidental Host - The Story of Rat Lungworm Disease”

Scientific Session 153: One Health II: The Interconnection between People, Animals, Plants and Their Shared Environment

Scientific Session 154: American Committee of Molecular Cellular and Immunoparasitology (ACMCIP): Antiparasitic Drugs - From Target Identification to Clinical Trials

Scientific Session 155: Mosquitoes - Epidemiology and Vector Control II

Scientific Session 156: Clinical Tropical Medicine: Malaria and Fevers

Scientific Session 157: Viruses - Transmission Biology, Pathogenesis and Animal Models

Symposium 158: The Devil is in the Details: Strategies for the Integrated Delivery of Neglected Tropical Disease Services within Primary Health Care and National Systems

Symposium 159: Revolutionizing Healthcare: The Impact of Artificial Intelligence on Neglected Tropical Diseases

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Symposium 160: The Economics of Global Health R&D: Can We Find a Balance Between Financial Sustainability and Equitable Access?

Symposium 161: Generating Durable Protective Immunity with Malaria Vaccines

Symposium 162: Artemisinin Resistance Response in Africa: Integrating Molecular Surveillance and Mathematical Modeling to Mitigate Emerging Risk and Impact on Malaria Burden Reduction

Symposium 163: Outlook for Vaccination and Global Elimination of Leishmaniasis

Sunday, November 17, 8 a.m. – 9:45 a.m.



Symposium 165: Reaching and Sustaining Elimination: Global Guidance and Regional Best Practices on Malaria Elimination and the Prevention of Re-establishment (PoR)

Scientific Session 166: Bacteriology: Other Enteric Infections



Symposium 167: Contemporary Ethical Issues in Tropical Medicine: Content for Research Training from Peru and Mozambique

Scientific Session 168: Kinetoplastida and Other Opportunistic and Anaerobic Protozoa: Genomics, Proteomics and Metabolomics, Molecular Therapeutic Targets, Treatment, Drug Delivery, Drug Repurposing and Drug Discovery

Symposium 169: Novel Approaches for the Radical Cure of Vivax Malaria: High Dose Short Course Primaquine and Tafenoquine

Scientific Session 170: American Committee of Molecular Cellular and Immunoparasitology (ACMCIP): Parasite Vaccine Development

Scientific Session 171: Mosquitoes-Biology, Physiology and Immunity

Symposium 172: What's New? Exploring Emerging Technologies and Innovative Strategies in Advancing Skin NTD Integration

Scientific Session 173: Viruses – Therapeutic, Antiviral Drugs, and Vaccine Clinical Trials

Symposium 174: From Ideation to Implementation: How Malaria and Dengue Early Warning Systems Can Strengthen Health System Adaptation and Response to Climate Change

Symposium 175: Socio-Cultural Practices, Low Risk Perception and Policy Implementation Gaps Heighten Zoonotic Disease Risk in Indigenous Communities: Observations from Northeast India



Symposium 176: Bartonellosis: A (Re)emerging Ectoparasite-borne Disease of People and Animals

Scientific Session 177: Schistosomiasis II: Epidemiology and Control

Sunday, November 17, 10:15 a.m. – 11:15 a.m.



Plenary Session 178: Plenary Session V

Sunday, November 17, 11:30 a.m. – 1:15 p.m.



Symposium 179: Malaria without Borders: Understanding the Influence of Cross-Border Migration on Malaria Elimination Strategies

Scientific Session 180: Clinical Tropical Medicine: Disease and Vaccine Safety Surveillance

Symposium 181: The Role of Molecular Xenomonitoring in Transmission Risk Assessment and Post-Validation Surveillance After Mass Drug Administration for Lymphatic Filariasis

Scientific Session 182: Kinetoplastida and Other Opportunistic and Anaerobic Protozoa: Immunology, Invasion, Cellular and Molecular Biology

Symposium 183: Closing the Typhoid Surveillance Gap: Operationalizing Novel Surveillance Methods to Describe Enteric Fever Burden and Support Vaccine Decision-Making

Scientific Session 184: American Committee of Molecular Cellular and Immunoparasitology (ACMCIP): Parasite Immunology - Insights from Natural and Experimental Infections

Symposium 185: The Challenge of Schistosomiasis Diagnosis and Treatment in Young Children and Pregnant Women - The Example of freeBILy

Symposium 186: Will HAT be the Next NTD to Achieve Global Elimination?

Symposium 187: Bridging the Rift: Interdisciplinary Approaches to Rift Valley Fever Virus Research

Symposium 188: Integrating Anthropology/Social Science Approaches Into Epidemic Outbreak Response

Symposium 189: Scaling the Optimal Use of Multiple ACT's to Prevent Antimalarials Drug Resistance: Progress and Challenges

Symposium 190: Clinical Development of Monoclonal Antibodies that Target Malaria Sporozoites

Symposium 191: The Changing Face of Mapping: Exploring Disease Monitoring Challenges and Innovations After Long-Term Implementation of Helminth Control Programs