### SESSION 5 | ECTOPARASITE-BORNE DISEASE

**9:00-10:45 AM**

**Passive Tick Surveillance, Environmental Factors and Neighboring Effects as Predictors of Lyme Disease Risk at Fine Spatial Scales**

Maria Pilar Fernandez, **Donal Bisanzio, Richard Reithinger**, Jennifer White, Melissa A. Prusinski, Bryon P. Backenson, Maria A. Diuk-Wasser

Meeting Room 5

### POSTER SESSION A | PRESENTATIONS

**1:30 – 3:00PM**

**Poster 65 | Expanding Training Capacity and Accessibility for Minimally Invasive Tissue Sampling**

Tia Paganelli, Lindsay Parlberg, Norman Goco, Roosecelis B. Martines, Jana Ritter, Sherif Zaki, Edwin Walong Washington Owino Ochieng, Dennis Inyangala, Walter Barake, Cyrus Wachiuri, Natalia Rakislova, Lorena Marimon, Melania Ferrando, Jaume Ordi

Virtual Poster Hall

**Poster 178 | Surveillance of Efficacy and Safety of Artemether-Lumefantrine for the Treatment of Uncomplicated Falciparum Malaria in Mainland Tanzania**

Billy E. Ngasala, Mercy Chiduo, Samwel Bushukatale, Twilumba Makene, Erasmus Kamugisha, Maimuna Ahmed, Muhidin Mahende, Reginald Kavishe, Florida Muro, Debora Kajeguka, Deus Ishengoma, Celine Mandara, Ritha Njau, Chonge Kitojo, Erik Reaves, **Ssanyu Nyinondi, Bilal Kabula**, Frank Chacky, Ally Mohamed

**Poster 215 | Integration of Malaria Case-Based Surveillance (Coconut) and Dhis2 in Zanzibar to Improve Data Use in Decision Making**


**Poster 261 | Factors Associated with Long Lasting Insecticidal Nets Use in Households Detected with Malaria Cases in Zanzibar, 2012-2019**

Poster 273 | Response to an Increase in Malaria Transmission in Urban District of Zanzibar
Faiza B. Abbas, Naomi A. Serbantez, Shabbir M. Laiji, Abdulla S. Ali, Mohamed Y. Ndee

Poster 311 | Continued Efficacy of Pirimiphos-Methyl (Actellic 300CS) for Indoor Residual Spraying in Areas With High Malaria Vector Resistance to Pyrethroids in Zanzibar

Poster 351 | Minimally Invasive Tissue Sampling in Preterm Deaths a Validation Study
Rahell Hailu Ayele, Tigist Desta, Yonas Bekuretis, Messele Bezaib, Addisu Alemu, Tiruzer Bekele, Bewketu Abebe, Mesfin Asefa, Zemene Tigtub, Yonas Girma, Beza Esetu, Mahlet Abayneh, Amha Mekasha, Assaye Nigussie, Elizabeth M. McClure, Robert L. Goldenberg, Lulu M. Muhe

Poster 422 | Urogenital Schistosomiasis Among Pre-School and School Aged Children in Four Districts of Northwestern Tanzania After a Decade of Mass Drug Administration: Geographical Prevalence, Performance of Haematuria Reagent Strips and Associated Factors
Humphrey D Mazigo, Cecilia Uisso, Upendo Mwingira, Paul Kazyoba, Maria Zinga, Safari M. Kinung’hi, Francesca Mutapi

SESSION 20 | A FUNDAMENTAL WAY TO PREVENT MALARIA IN PREGNANCY: IMPROVING HEALTH OUTCOMES FOR PREGNANT WOMEN AND THEIR BABIES ONE NURSE AND MIDWIFE AT A TIME

3:00-4:45 PM
Using Short Message Service Alerts to Increase Antenatal Care and Malaria Prevention: Findings from Implementation Research Pilot in Guinea
Aissata Fofana

TUESDAY, NOVEMBER 17

Poster 551 | Counseling and Informed Consent Related to Minimally Invasive Tissue Sampling (Mits) to Determine Cause of Death for Stillbirths and Neonatal Deaths in Pakistan, India, Bangladesh, Kenya And Ethiopia: A Comparative Evaluation
Tia Paganelli, Anam Feroz, Milka Bunei, B. Esetu, Shahana Parveen, Sayyeda Reza, Sarah Saleem, Chaitali Sanji, Elizabeth McClure, Robert Goldenberg
**Poster 620 | Neurological Sequelae of Acquired Zika Virus Infection among Children in Managua, Nicaragua**

Jill F. Lebov, Anna Gajewski, Oscar Ortega, Guillermina Kuan, Eva Harris, Emma Crenshaw, Stephen R. Hooper

**Poster 653 | Efficacy and Safety of Artesunate-Amodiaquine for the Treatment of Uncomplicated Falciparum Malaria In Mainland Tanzania**

Twilumba Makene, Billy Ngasala, Samwel Bushukatare, Mercy Chiduo, Erasmus Kamugisha, Maimuna Ahmed, Muhidin Mahende, Reginald Kavishe, Florida Muro, Debora Kajeguka, Deus Ishengoma, Celine Mandara, Ritha Njau, Ssanyu Nyinondi, Bilal Kabula, Frank Chaky, Ally Mohamed

**Poster 704 | Understanding Malaria Distribution and Landscape Use in Tanzania: A Molecular Epidemiology Study of School-aged Children**

Cedar Mitchell, Billy Ngasala, Frank Chacky, Ally Mohamed, Lwidiko Mhamilawa, Fabrizio Molteni, Ssanyu Nyinondi, Bilal Kabula, Erik Reaves, Naomi Serbantez, Chonge Kitojo, Twilumba Makene, Thwai Kyaw, Jonathan Parr, Michael Emch, Steven Meshnick, Jonathan Juliano

**Poster 754 | Improving Malaria Data Quality for Programmatic Decision-Making: Findings from Data Quality Audits in Mainland Tanzania, 2019**

Khalifa Kassim Munisi, Pai Chambongo, Godfrey Philemon, Anna Mahendeka, Frank Chacky, Abdallah Lusasi, Ally Mohamed, Ssanyu Nyinondi, Shabbir Lalji, Humphrey Mkali, Joseph Joachim Joseph, Chonge Kitojo, Naomi Serbantez, Erik Reaves, Samwel Lazaro

**Poster 758 | Assessing the Reliability of Surveillance Data Collected by District Malaria Surveillance Officers (DMSOs) in Unguja, Zanzibar - 2019**

Wahida S. Hassan, Abdullah Ali, Mohamed Ali, Mwatima Suleiman, Makame Makame, Amina Faki, Raya Ibrahim, Salam Massoud, Naomi Serbantez, Chonge Kitojo, Humphrey Mkali, Shabbir Lalji, Nyinondi Ssanyu, Erik Reaves, Abdul-wahid Al-mafazy

**Poster 766 | Bringing LLIN Distribution Closer to Communities in Guinea Through Adaptive Management**

Aissata Fofana, Mohamed Sitan Keita, Hamidou Barry, Mohamed Saran Condé, Lamine Bangoura, Eugène Kaman Lama, Alioune Camara, Donal Bisanzio, Elizabeth Fitch

**Poster 768 | Trends of Intermittent Preventive Therapy Uptake in Pregnant Women Attending Antenatal Care (ANC), 2015 to 2019, Mainland Tanzania**

Samwel Lazaro, Khalifa Munisi, Franky Chacky, Anna Mahendeka, Ssanyu Nyinondi, Shabbir Lalji, Humphrey Mkali, Joseph J. Joseph, Chonge Kitojo, Naomi Serbantez, Erik Reaves, Claud John, Ally Mohamed

**Poster 778 | Effectiveness of Thailand’s 1-3-7 Malaria Surveillance Strategy to Reach Elimination by 2024**

Prayuth Sudathip, Sathapan Naowarat, Suravadee Kitchakarn, Jui A. Shah, Felicity Young, Deyer Gopinath, Maria Dorina Bustos, Niparueradee Pinyajeerapat, Cheewanan Lertpiriyasuwat
Poster 779 | Working toward Malaria Elimination: Results from Thailand’s Subnational Verification Program
Cheewanan Lertpiriyasuwat, Praparat Promeiang, Suravadee Kitchakarn, Prayuth Sudathip, Jerdsuda Kanchanasuwan, Tannikar Toangard, Sathapana Naowarat, Felicity Young, Deyer Gopinath, Niparueradee Pinyajeerapat, Jui A. Shah

LB-5118 | Is it High Time to Decrease The Size of Survey Areas for Evaluation of Lymphatic Filariasis Programs? Lessons Learned from Nepal
Sudip Raj Khatiwada, Lila Bahadur Thapa, Prakash Prasad Shah, Achut Babu Ojha, Dharmpal Prasad Raman, Molly Brady, Nandini Pillai

SESSION 54 | BACTERIOLOGY: TRACHOMA AND OTHER BACTERIAL INFECTIONS

950 | Trachoma Elimination Challenges: Investigating Reasons for Recrudescence of Trachoma in Four Districts of Mozambique
Marilia Massangaie, Mariamo Abdala, Mawo Fall, Tamimo Momade, Zulficar Bay, Hannah Frawley, Sabrina Eyob, Scott McPherson, Jeremiah M. Ngondi

WEDNESDAY, NOVEMBER 18

SYMPOSIUM | SESSION 64

9:00 – 10:45 AM
Strengthening Malaria Surveillance Systems: Do We Have a Good Understanding of the Level of Investment Needed?
Jui Shah and Yazoume Ye

• Developing an operational and financial framework for a highly effective surveillance system in a resource limited environment – Arnaud Le Menach, Clinton Health Access Initiative
• Zambia: Costing the malaria surveillance, monitoring, and evaluation plan – Bbusiku Hamainza, National Malaria Elimination Centre, Zambia
• Thailand: Key elements in costing an effective surveillance system for an elimination setting – Cheewanan Lertpiriyasuwat, Division of Vector-Borne Disease, Thailand
• Looking toward the future: Tools and gaps in costing malaria surveillance systems – Ebenezer Shheshi Baba, WHO

SESSION 71 | MALARIA EPIDEMIOLOGY I: INFECTION AND DISEASE IN HIGH-TRANSMISSION SETTINGS

9:00 – 10:45 AM
975 | Predictors and the Effects on Birth Outcomes of Plasmodium Falciparum Infection in Early Pregnancy Among Nulliparous Women from the Democratic Republic of the Congo, Kenya, and Zambia
Sequoia Iris Leuba, Melissa Bauseman, Carl Bose, Daniel Westreich, Kimberly Powers, Andrew Olshan, Antoinette Thefu, Waldemar Carlo, Elwyn Chomba, Edward Liechty, Fabian Esamai, Saleem Jessani, Janet Moore, Jennifer Hemingway-Foday, Steven Meshnick
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<tr>
<th>Poster 1350</th>
<th>Onchocerciasis Elimination Mapping: Prevalence of OV-16 in Ivermectin Naive Areas of Northwestern Tanzania</th>
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<td>Dennis Kailembo, Andreas Nshala, Upendo Mwingira, Akili Kalinga, Kerry Dobbies, Darin Evans, Elizabeth Plunkett, Abdel Direny, George Kabona</td>
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<th>Poster 1351</th>
<th>Lymphatic Filariasis and Malaria Co-Infection in Mosquito Vectors in Rural Tanzania</th>
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<tr>
<td>Andreas M. Nshala, Upendo John Mwingira, Cecilia Uisso, Billy Ngassala, Andreas Marternsson, Yahya Derua, Bernard Malongi, Demetrius Max, Demetrius Max</td>
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<th>Poster 1376</th>
<th>Schistosomiasis Among Villages Surrounding Lake Nyasa, Southern Tanzania: Prevalence, Intensity of Infection and Geographical Distribution Among Pre-School &amp; School Aged Children</th>
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<th>Poster 1391</th>
<th>Integrating Preventative Measures of COVID-19 Through Neglected Tropical Diseases WASH &amp; Health Promotion: Tanzania Experience</th>
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<td>Alistidia Simon, Cecilia Uisso, Oscar Kaitaba, Upendo Mwingira, Jeremiah Ngondi, Kimberly Kamara</td>
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<th>LB-5169</th>
<th>Post-MDA Reverse Logistics of NTD Medicine: Experiences and Lessons-Learnt in Cross River State, Nigeria</th>
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<td>Uket Uket, Patrick Odu, Godwin Okeagu, Mary Essu, Moses Aderogba, Ukam Oyene, Benjamin Nwobi, Iwara Iwara, Scott McPherson</td>
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<th>1410</th>
<th>Factors Associated with Clustering of Malaria Cases Within the Index Case Households and Neighborhood Households in Zanzibar</th>
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THURSDAY, NOVEMBER 19

SYMPOSIUM | SESSION 129
10:45 AM - 12:30 PM

**Operationalizing the WHO Guidelines for Onchocerciasis: Experiences and Best Practices**

*Upendo Mwingira* and Darin Evans

- Updates on onchocerciasis elimination guidelines and the WHO 2030 roadmap – Paul Cantey, CDC
- Stopping MDA in Uganda: what to do when there are no guidelines and lessons learned from the elimination of Simulium neavei transmitted onchocerciasis in the Wambabaya-Rwanarongo focus – David Oguttu, Ministry of Health Uganda
- Stopping MDA in Ethiopia: best practices from the first coordinated interruption of onchocerciasis transmission in the Metema-Galabat cross border focus and the Wudi Gamzo ‘hotspot’ – Kadu Meribo Burika, Ministry of Health Ethiopia
- When is it safe to stop MDA? Defining transmission zones in Nigeria and challenges in demonstration of interruption of onchocerciasis transmission in Northern Nigeria, where blackflies cannot be caught – Sunday Isiyaku, Sightsavers, Nigeria

Meeting Room 13

SESSION 127 | MOSQUITOES | INSECTICIDE RESISTANCE AND CONTROL I
10:45 AM – 12:30 PM

**1508 | Assessment of the Residual Effectiveness of Clothianidin for the Control of Pyrethroid Resistant Malaria Vectors in North Western Lake Zone Regions in Tanzania**


Meeting Room 11

SESSION 170 | INTEGRATED CONTROL MEASURES FOR NEGLECTED TROPICAL DISEASES
5:00 – 6:45 PM

**1642 | Reasons for Insufficient Preventive Chemotherapy Coverage for Neglected Tropical Diseases, a Multi-Country Analysis**

Sabrina Eyob, Alexander H. Jones, Margaret Baker, Alfred Mubangizi

**1646 | Efforts Towards Strengthening the Integration of Supply Chain of Neglected Tropical Disease Medicines into the Electronic Logistics Management Information System in Tanzania**


Meeting Room 9