

10th Future of Malaria Research Symposium

POSTER TITLE

PRESENTER NAME

The burden and drug resistance profiles of *Plasmodium ovale* species: a malaria elimination challenge

Hoseah Miima Akala

Differentiating the taxonomic phylogeny of the *An. coustani* group using mitochondrial genomes

Renee Ali

Comprehensive characterization of *Plasmodium vivax* antigens using high-density peptide array

Rosita Asawa

Longitudinal analysis of household responses to a novel spatial repellent for malaria prevention in Busia County, Kenya

Lucy Baker

Public Opinions Toward Malaria Control Interventions in the National Capital Region

Zachary Berliner

Investigating the infectivity status of *Anopheles gambiae* complex in Osun State, Nigeria

Lateef Busari

Non-coding RNA and structurally rigid epitopes in diagnosis and treatment of malaria

**Ellyanne
Chlystun-Githae**

Human malaria in the Atlantic Forest of Brazil is mostly caused by *Plasmodium simium*

**Nathalia
De Albuquerque**

Navigating Proteasomal Control: Insights into the Interaction Between *Plasmodium falciparum* Cyclic GMP-Dependent Protein Kinase and the 19S Regulatory Particle

Hanna Dhiyebi

Molecular Detection and Phylogeny of Avian Malaria in Birds Captured in Maryland

Ugonna Ejekwu

hmmibd-rs: An Enhanced, Parallelizable Implementation of hmmIBD for Identity-by-Descent Detection in Haploid Genomes

Bing Guo

Development of a globally-applicable, highly-multiplexed microhaplotype amplicon panel for *Plasmodium vivax*

Alfred Hubbard

TRANSMISSION INDICES OF MALARIA IN ANOPHELES MOSQUITOES IN AN AGRARIAN COMMUNITY ADJOURNING OSOGBO, SOUTHWESTERN, NIGERIA

**Zarat Oyindamola
Iwalewa**

Epidemiological Status of Malaria in Nepal: Disease, vector and parasite perspective to suggest its elimination

Anand Ballabh Joshi

Sustained parasite and vector density reduction in selected districts in Uganda; A proof of concept for the creation of pre-elimination demonstration zones

**Arthur Shem
Kasambula**

Anopheles Cryptochrome 1: a novel regulator of malaria parasite transmission

Maria Kefi

Characteristics of Subpatent Gametocyte Carriers at Index Case Households in a Region of Declining Malaria Transmission in Southern Zambia

Tamaki Kobayashi

Advancing Malaria Prediction in Uganda through AI and Geospatial Analysis Models

**Maria Assumpta
Komugabe**

In Silico Evaluation of Predicted *Plasmodium falciparum* Epitopes in Leading Vaccine Candidate Antigens

**Alexander
Laurenson**

Children with cerebral malaria lack immunity to specific RIFIN and STEVOR antigens

Jonathan Lawton

Endoplasmic Reticulum-shaping Proteins of *Plasmodium* are essential for its asexual development

Jiapeng Liu

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POSTER TITLE	PRESENTER NAME
Evidence for sustained local transmission in a low transmission setting in southern Zambia: examining parasite genotype relatedness using an amplicon panel	Anne Martin
Consumer and retailer perceptions about mosquito control product effectiveness and popularity in Busia County, western Kenya: Results from retail audit, free-listing, and ranking	Kaci McCoy
The Impact of Seasonal Malaria Chemoprevention on the Educational Outcomes of School-Aged Children in Sub-Saharan Africa	Mohammed Ndiaye
Artemisinin partial resistance is gaining ground in eastern Africa: Clinical and biological evidence from Burundi	Denis Niyomwungere
Innovative Mosquito Control Using MosquitoSniper Sticker Paper for Sustainable Disease Prevention	Tom Obote Ondieki
Association between HLA Class I and II Alleles and Risk of Clinical Malaria Within a Malian Cohort	Albert Park
Impact of community activities on malaria prevention practices in Busia County, Western Kenya: Findings from direct community observations	Anna Passaniti
Rapid Diagnostic Testing for the Diagnosis of Malaria	Nicole Putnam
An Ultra-long-acting Atovaquone Prodrug Formulation for Malaria Chemoprophylaxis	Samiksha Raut
Amplicon and SNP genotyping of <i>P. falciparum</i> and <i>P. vivax</i> cases identifies highly related sample clusters as Bhutan approaches elimination	Emma Rowley
The role of Specific Prophenoloxidasases in Plasmodium Melanization in <i>Anopheles gambiae</i> Mosquitoes	Sally Saab
Host sphingolipids promote <i>Plasmodium berghei</i> liver stage development	Erin Schroeder
Reduced antenatal care (ANC) visits and limited knowledge of Intermittent Preventive Treatment in pregnancy with Sulphadoxine-Pyrimethamine (IPTp-SP) are associated with poor adherence to IPTp-SP among pregnant women in Ghana.	Godfred Yawson Scott
Real-life <i>Plasmodium vivax</i> malaria in Cambodia: a unique study design to characterize in vivo relapses	Dynang Seng
Investigating the interaction between the anti-malaria monoclonal antibody CIS43LS and naturally acquired Plasmodium falciparum-specific T cell responses in Malian adults	Youngsil Seo
Uncoupling essential lipoic acid metabolism from mitochondrial redox state in <i>Plasmodium falciparum</i>	Montana Sievert
var2csa expression in cerebral malaria in Malian and Malawian children	Emily Stucke
A One-Shot Cure for Malaria: Preclinical Efficacy of VhH-Based Antibodies Against Plasmodium falciparum Blood Stage Infection	Sawyer Llewellyn