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Malaria: From Innovation to Eradication (B5)

Scientific Organizers: Marcel Tanner, Sarah K. Volkman, Marcus V.G. Lacerda and Salim Abdulla

February 19–23, 2017

Speke Resort & Conference Centre, Kampala, Uganda

Organized in collaboration with MESA – Malaria Eradication Scientific Alliance. Part of the Keystone Symposia Global Health Series, supported by the Bill & Melinda Gates Foundation.

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Discounted Registration Deadline: Dec 20, 2016 [\[details\]](#)

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Conference Program [Print](#) | [View meeting in 12 hr \(am/pm\) time](#)

The meeting will begin on Sunday, February 19 with registration from 16:00 to 20:00 and a welcome mixer from 18:00 to 20:00. Conference events conclude on Thursday, February 23 with a closing plenary session from 17:00 to 19:15, followed by a social hour and entertainment. We recommend return travel on Friday, February 24 in order to fully experience the meeting.

SUNDAY, FEBRUARY 19

16:00–20:00	Arrival and Registration	Majestic Hall
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18:00–20:00	Welcome Mixer	Majestic Hall
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No registration fees are used to fund alcohol served at this function.

MONDAY, FEBRUARY 20

08:00–09:00	Breakfast	Individual Hotel
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09:00–09:15	Opening Remarks	Victoria Ballroom
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* **Marcel Tanner**, Swiss Tropical and Public Health Institute, Switzerland

Jimmy Opigoŋ, National Malaria Control Programme Manager, Uganda

09:15–10:00	Keynote Address	Victoria Ballroom
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[Registered attendees](#) can view abstracts starting on 01/19/2017

* **Marcel Tanner**, Swiss Tropical and Public Health Institute, Switzerland

Pedro L. Alonso, World Health Organization, Switzerland
The Science Needed to Reach our Goals for Malaria Elimination

10:00–12:15	<p>Identifying, Characterizing the Reservoir and Measuring Transmission</p> <p>Registered attendees can view abstracts starting on 01/19/2017</p> <p>* Sarah K. Volkman, Harvard T.H. Chan School of Public Health, USA</p> <p>Salim Abdulla, Ifakara Health Institute, Tanzania <i>Towards Tackling Asymptomatics in Africa</i></p> <p>Coffee Break</p> <p>Chris Drakeley, London School of Hygiene & Tropical Medicine, UK <i>Malaria Transmission: Characterizing and Emptying the Reservoir</i></p> <p>Jetsumon Sattabongkot Prachumsri, Mahidol University, Thailand <i>Transmission Stages in Plasmodium vivax</i></p> <p>Silvia Portugal, University Hospital Heidelberg, Germany <i>Short Talk: The Silent Reservoir of P. falciparum during the Dry Season</i></p>	Victoria Ballroom
12:15–17:00	On Own for Lunch	
12:15–13:00	Poster Setup	Victoria Ballroom
13:00–22:00	Poster Viewing	Victoria Ballroom
14:30–16:30	Workshop: New Diagnostics for Malaria Elimination. Sponsored by PATH, FIND and Bill & Melinda Gates Foundation.	Victoria Ballroom
16:30–17:00	Coffee Available	Victoria Ballroom
17:00–19:00	<p>Modeling and Mobility</p> <p>Registered attendees can view abstracts starting on 01/19/2017</p> <p>* Marcus V.G. Lacerda, Tropical Medicine Foundation Dr. Heitor Vieira Dourado, Brazil</p> <p>Lisa J. White, Mahidol Oxford Research Unit, Thailand <i>Putting Programmers into Programs: Modelling and Capacity Building in Malaria Control programs</i></p> <p>Hannah Slater, Imperial College, UK <i>Modelling Malaria Elimination Strategies in Zambia</i></p> <p>Stephan Karl, Walter and Eliza Hall Institute of Medical Research, Australia <i>Ability of Different Markers of Exposure to Detect Residual 'Pockets' of Transmission</i></p> <p>Oliver Medzihradsky, University of California, San Francisco, USA <i>Short Talk: sssessment of Three Methods of Hotspot Prediction in the Pre-elimination Setting of Zambezi Region, Namibia</i></p>	Victoria Ballroom
19:00–20:00	<p>Social Hour with Lite Bites</p> <p>No registration fees are used to fund alcohol served at this function.</p>	Victoria Ballroom
19:30–22:00	Poster Session 1	Victoria Ballroom

TUESDAY, FEBRUARY 21

08:00–09:00	Breakfast	Individual Hotel
09:00–12:00	Combining and Tailoring Intervention Packages for Elimination Settings	Victoria Ballroom

[Registered attendees](#) can view abstracts starting on 01/19/2017

* **Jimmy Opigo**, National Malaria Control Programme Manager, Uganda

Kafula Silumbet, Malaria Control and Elimination Partnership in Africa, PATH, Zambia
Talk Title to be Announced

Caterina Guinovart, Barcelona Institute for Global Health, Spain
Different Drug Administration Strategies and Reactive Case Investigation in Sub Saharan Africa

Coffee Break

Melissa Penny, Swiss Tropical and Public Health Institute, Switzerland
Optimising New Malaria Interventions and Intervention Mixes for Different Settings

Gareth R. Jones, Clinton Health Access Initiative, Uganda
Short Talk: Assessing National Malaria Surveillance Systems Across East Africa

12:00–17:00	On Own for Lunch	
12:00–13:00	Poster Setup	Victoria Ballroom
13:00–22:00	Poster Viewing	Victoria Ballroom
16:30–17:00	Coffee Available	Victoria Ballroom
17:00–19:15	Health Systems	Victoria Ballroom
	Registered attendees can view abstracts starting on 01/19/2017	
	* Marcel Tanner , Swiss Tropical and Public Health Institute, Switzerland	
	Irene Misuka Masanja , Ifakara Health Institute, Tanzania <i>Understanding Access and Delivery - Responding to Efficacy Decay</i>	
	Kathryn W. Roberts , Global Health Group at the University of California, San Francisco, Namibia <i>Surveillance as an Intervention: Geo-Spatial Approaches to Identify and Target Malaria Transmission</i>	
	Valentina Buj , UNICEF, Kenya <i>Innovations in Malaria Service Delivery to Accelerate Progress towards Malaria Elimination</i>	
	Sumadhya Deepika Fernando , Faculty of Medicine, Colombo, Sri Lanka <i>Short Talk: The Risk of Imported Malaria in Security Forces Personnel Returning from Overseas Missions in the Context of Prevention of re-introduction of malaria to Sri Lanka</i>	
	Vladimir P. Zharov† , University of Arkansas for Medical Sciences, USA <i>Short Talk: Ultrasensitive Noninvasive Label-Free Photoacoustic Malaria Diagnosis and Eradication</i>	
19:15–20:15	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Victoria Ballroom
19:30–22:00	Poster Session 2	Victoria Ballroom

WEDNESDAY, FEBRUARY 22

08:00–09:00	Breakfast	Individual Hotel
09:00–12:00	Tools for Elimination	Victoria Ballroom

[Registered attendees](#) can view abstracts starting on 01/19/2017

* **Salim Abdulla**, Ifakara Health Institute, Tanzania

Marcus V.G. Lacerda, Tropical Medicine Foundation Dr. Heitor Vieira Dourado, Brazil
Antimalarial Drugs Challenges for Malaria Eradication

Kelly Chibale, University of Cape Town, South Africa
Targeting the Plasmodia at Multiple Lifecycle stages: A Chemotherapy Approach towards Malaria Eradication

Coffee Break

Stephen L. Hoffman, Sanaria, USA
Rationale and Plans for Using a PfSPZ-Based Vaccine in Malaria Parasite Elimination Campaigns

Louis Schofield, James Cook University, Australia
Vaccines to Interrupt Transmission

Itziar Ubillos, ISGlobal, Barcelona Institute for Global Health, Spain
Short Talk: Immunogenicity Elicited by the Malaria Vaccine Candidate RTS,S/AS01E in African Children: Effect of Age, Malaria Transmission Intensity and Association with Protective Efficacy

Umberto D'Alessandro, MRC Unit The Gambia, Gambia
Short Talk: Malaria Residual Transmission After Mass Drug Administration with Dihydroartemisinin-Piperazine in The Gambia

12:00–17:00	On Own for Lunch	
12:00–13:00	Poster Setup	Victoria Ballroom
13:00–22:00	Poster Viewing	Victoria Ballroom
16:30–17:00	Coffee Available	Victoria Ballroom
17:00–19:00	Tackling the Mosquito Vector	Victoria Ballroom
	Registered attendees can view abstracts starting on 01/19/2017	
	* Jetsumon Sattabongkot Prachumsri , Mahidol University, Thailand	
	Charles Wondji , Liverpool School of Tropical Medicine, UK <i>Complex Genomic Evolution of Insecticide Resistance in Malaria Vectors: A Challenge for Vector Control</i>	
	John Lucas , Sumitomo Chemical Company, UK <i>Meeting the Challenge of Insecticide Resistance</i>	
	Krijn Paaijmans , ISGlobal, Barcelona Institute for Global Health, Spain <i>On Mosquitoes and Headless Chickens: Entomological Intelligence on the Road to Malaria Elimination</i>	
	Sheila Ogoma Barasa† , US Army Medical Research Directorate Kenya, Kenya <i>Short Talk: A Low Technology Emanator Treated with the Volatile Pyrethroid Transfluthrin Confers Long term Protection against Outdoor biting Vectors of Lymphatic Filariasis, Arboviruses and Malaria</i>	
19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Victoria Ballroom
19:30–22:00	Poster Session 3	Victoria Ballroom

THURSDAY, FEBRUARY 23

08:00–09:00	Breakfast	Individual Hotel
09:00–12:15	<p>Understanding Parasite Interactions with Human and Mosquito Hosts</p> <p>Registered attendees can view abstracts starting on 01/19/2017</p> <p>* Sanjeev Krishna†, St. George's Hospital Medical School, UK</p> <p>Rhoel R. Dinglasan, University of Florida, USA <i>From Discovery to Implementation: Interventions that Block Malaria Parasite Transmission at the Bite</i></p> <p>Sarah K. Volkman, Harvard T.H. Chan School of Public Health, USA <i>Leveraging Genomics to Advance the Malaria Elimination Agenda</i></p> <p>Coffee Break</p> <p>Alfred Cortes Closas, ISGlobal, Barcelona Institute for Global Health, Spain <i>Epigenetic Variation in Malaria Parasites: Sex, Drugs, and ... Adaptation</i></p> <p>Abdoulaye Djimdé, University of Science, Techniques and Technologies, Mali <i>Significant Different Levels of Artemisinin Monotherapy Efficacy on P. falciparum in Mali</i></p> <p>Didier Menard, Institut Pasteur du Cambodge, Cambodia <i>Artemisinin and Drug Partner Resistance: From Phenotype to Genotype</i></p>	Victoria Ballroom
12:15–17:00	On Own for Lunch	
16:30–17:00	Coffee Available	Victoria Ballroom
17:00–18:15	<p>Surveillance Strategies</p> <p>Registered attendees can view abstracts starting on 01/19/2017</p> <p>* Kimberly A. Lindblade, World Health Organization, Switzerland</p> <p>Moses R. Kamya, Makerere University College of Health Sciences, Uganda <i>Impact of Malaria Control Interventions in Uganda</i></p> <p>Abdisalan Mohamed Noor, World Health Organization, Switzerland <i>Malaria Surveillance as Intervention along the Pathway to Elimination</i></p>	Victoria Ballroom
18:15–19:00	<p>Closing Keynote Address</p> <p>Registered attendees can view abstracts starting on 01/19/2017</p> <p>Marcel Tanner, Swiss Tropical and Public Health Institute, Switzerland <i>Global Travel, Migration, Impact and Risks of Malaria Re-Introduction</i></p>	Victoria Ballroom
19:00–19:15	<p>Meeting Wrap-Up: Outcomes and Future Directions (Organizers)</p> <p>Registered attendees can view abstracts starting on 01/19/2017</p>	Victoria Ballroom
19:15–20:15	<p>Social Hour with Lite Bites</p> <p>No registration fees are used to fund alcohol served at this function.</p>	Poolside Lawn
20:00–23:00	<p>Entertainment</p> <p>Entertainment is not subsidized by conference registration fees nor any U.S. federal government grants. Funding for this expense is provided by other revenue sources.</p>	Poolside Lawn

FRIDAY, FEBRUARY 24

Departure

*Session Chair †Invited, not yet responded.

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