KEYSTONE SYMPOSIA
on Molecular and Cellular Biology

The Malaria Endgame: Innovation in Therapeutics, Vector Control and Public Health Tools (G1)

October 30-November 2, 2019 • Location to be Determined •

Scientific Organizers: Thierry Diagana, Philip Welkhoff and Flaminia Catteruccia

Part of the Keystone Symposia Global Health Series, supported by the Bill & Melinda Gates Foundation

Abstract & Scholarship Deadline: June 27, 2019 / Abstract Deadline: July 30, 2019 / Discounted Registration Deadline: August 29, 2019

WEDNESDAY, OCTOBER 30

Arrival and Registration

THURSDAY, OCTOBER 31

Welcome and Keynote Address

Stephanie L. James, Foundation for the National Institutes of Health, USA
Talk Title to be Announced

Defeating Resistance I

Elizabeth Anne Ashley†, Myanmar Oxford Clinical Research Unit, UK
Containing Artemisinin Drug Resistance

Wiweka Kaszubska, Medicines for Malaria Venture, Switzerland
Building a Global Drugs Pipeline to Anticipate Malaria Drug Resistance

Elizabeth A. Winzeler, University of California, San Diego, USA
Towards a Genetics Map of the Plasmodium Resistome

Short Talk(s) Chosen from Abstracts

Poster Session 1

Defeating Resistance II

Abdoulaye Djimdé, University of Science, Techniques and Technologies, Mali
Assessing Transmission Blocking in Clinical Trials Setting

Speaker to be Announced

Charles Wondji, Liverpool School of Tropical Medicine, UK
Molecular Genetics of Insecticide Resistance in Malaria Vectors

Short Talk(s) Chosen from Abstracts

FRIDAY, NOVEMBER 1

Leveraging Data Science to Defeat Malaria I

Speaker to be Announced

Emilie Pothin, Swiss Tropical and Public Health Institute, Switzerland
Data-Driven Operational Stratification for National Malaria Control Programs

Samson Kiware, Ifakara Health Institute, Tanzania
Mathematical Modeling to Define Mixes of Existing and Novel Vector Control Tools

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Poster Session 2

Leveraging Data Science to Defeat Malaria II

Michael White, Institut Pasteur, France
Quantitative Approaches to Understanding P. vivax Epidemiology and Biology

Melissa Penny, Swiss Tropical and Public Health Institute, Switzerland
Mathematical Modeling Informing and Quantifying Impact of Target Product Profiles

Daniel Neafsey, Harvard T.H. Chan School of Public Health, USA
Using Parasite Genetic Relatedness to Measure Population Connectivity, Transmission Profile, and Selection

Short Talk(s) Chosen from Abstracts

SATURDAY, NOVEMBER 2

Innovating to Enable Malaria Elimination I

Thierry T. Diagana, Novartis Institute for Tropical Diseases, USA
The Quest Towards Next Generation Antimalarials: Strengths, weaknesses and Opportunities

Lluís Ballell, GlaxoSmithKline, Spain
Collaborative Malaria Drug Discovery

Maria M. Mota, Instituto de Medicina Molecular, Portugal
The Complexity and the Simplicity of Host-Plasmodium Interactions

Alejandro Llanos Cuentas, Universidad Peruana Cayetano Heredia, Peru
Clinical Development and Implementation of Tafenoquine for Vivax Malaria

Short Talk(s) Chosen from Abstracts

Innovating to Enable Malaria Elimination II

Flaminia Catteruccia, Harvard T.H. Chan School of Public Health, USA
Talk Title to be Announced

Nicholas M. Hamon, IVCC, UK
Talk Title to be Announced

Austin Burt, Imperial College London, UK
Gene Drive: From the Bench to the Field

Short Talk(s) Chosen from Abstracts

Innovating to Enable Malaria Elimination III

Helen V. Jamet, Bill & Melinda Gates Foundation, USA
Innovative Vector Control Approaches

Teun Bousema, Radboud University Nijmegen Medical Center, Netherlands
From Lab to the Field, Malaria Transmission Biology, Surveillance

Philip Welkhoff, Bill & Melinda Gates Foundation, USA
Talk Title to be Announced

Short Talk(s) Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

SUNDAY, NOVEMBER 3

Departure