



# WORKSHOP

# Malaria transmission: current challenges and new tools in the elimination context



30 - 31 October 2017

Instituto de Higiene e Medicina Tropical | Sala Fraga de Azevedo

## PROGRAM

### 30 October

8h30	Reception
9h15	Official opening
9h30	<b>Geospatial modelling of changes to vector populations following insecticide-based malaria control</b> <i>moderator:</i> João Pinto   IHMT, UNL Catherine Moyes   Malaria Atlas Project, Big Data Institute, University of Oxford, UK
10h20	Coffee-break   Posters
10h50	<b>Current approaches and new tools to measure malaria transmission</b> <i>moderator:</i> Carina Silva   CEAUL Escola Superior de Tecnologia da Saúde de Lisboa, IPL Nuno Sepúlveda   CEAUL; LSHTM, UK
11h40	Oral Communications <i>moderators:</i> Catherine Moyes   University of Oxford, UK; Nuno Sepúlveda   CEAUL; LSHTM, UK <b>Local epidemiology and spatial analysis of malaria transmission in the Brazilian Amazon</b>   Tiago Ferreira <b>Malaria determining risk factors at the household level in two rural villages of mainland Equatorial Guinea</b>   Mónica Guerra <b>Leveraging artificial intelligence to improve malaria epidemics' response</b>   Mélanie Maia
12h30	Lunch (Cambournac room)
14h00	<b>The economic challenges and benefits of eliminating malaria</b> <i>moderator:</i> Jorge Varanda   CRIA, Universidade de Coimbra, Portugal Elisa Sicuri   ISGlobal, Barcelona, Spain
14h50	Oral Communications <i>moderators:</i> Elisa Sicuri   ISGlobal, Barcelona, Spain; Jorge Varanda   CRIA, Universidade de Coimbra, Portugal <b>Stories from the past and everyday experiences of malaria: Portugal, 1930-1960</b>   Mónica Saavedra <b>Effectiveness of private sector malaria control: the case of sugarcane workers in southern Mozambique</b>   Joe Brew
15h30	Coffee-break   Posters
16h00	<b>Impact of genetic and bioecological heterogeneities of mosquito vectors on Malaria transmission and control in Africa: future perspectives in context of elimination and growing urbanization"</b> <i>moderator:</i> Paulo Almeida   IHMT, UNL Alessandra dela Torre   Università de Roma, Roma
16h50	Oral Communications <i>moderators:</i> Alessandra dela Torre   Università de Roma; Paulo Almeida   IHMT, UNL <b>Evaluation of the ownership and use of long-lasting insecticidal nets in rural Mozambique: a cross-sectional household survey six months after the pilot of a new delivery campaign model</b>   Jorge Arroz <b>Human antibody responses to the Anopheles salivary gsg6-p1 peptide: a novel immuno-epidemiological biomarker tool for evaluating the efficacy of malaria vector control methods</b>   Filomeno Fortes



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9h30	<b>Beyond 2020: Pushing the transmission-blocking envelope of malaria elimination tools</b> <i>moderator:</i> Miguel Prudêncio   Instituto de Medicina Molecular, UL Rhoel R. Dinglasan   Director of CDC Southeastern Regional Center of Excellence for Vector Borne Diseases, University of Florida Emerging Pathogens Institute, USA
10h20	Coffee-break   Posters
10h50	<b>Oral Communications</b> <i>moderators:</i> Rhoel R. Dinglasan   CDC Southeastern Regional Center of Excellence for VBD; Ana Paula Arez   IHMT, UNL <b>A bioluminescence method for in vitro screening of <i>Plasmodium</i> transmission-blocking compounds</b>   Raquel Azevedo <b>Pregnancy-specific serology to monitor malaria transmission in elimination contexts</b>   Ana Maria Fonseca <b>Malaria serology in blood donors – persistence of antibodies in ex-residents from endemic countries</b>   Paula Fortes
12h00	Closing session
12h30	Lunch (Cambournac room)