

# Research in Progress

Thursday 8<sup>th</sup> December 2022

- 09:15 **Arrival and morning refreshments**
- 09:30 **Welcome and opening remarks**  
**Tamar Ghosh**, Chief Executive, Royal Society of Tropical Medicine and Hygiene
- 09:45 **Keynote lecture**  
*Title tbc*  
**Professor Rosanna Peeling, RSTMH Honorary Fellow**  
**Chair: David Mabey**, *Trustee, Chair of the Education and Training Committee, and previous President, Royal Society of Tropical Medicine and Hygiene*
- 10:30 **Session 1 Presentations**  
**Chair: Tom Pinfield**, Managing Editor, Royal Society of Tropical Medicine and Hygiene  
Why local antibiotic resistance data matters - informing empiric prescribing through local data collection, app design and engagement in Zambia  
**Sarah Lou Bailey**, *Guy's and St Thomas' NHS Foundation Trust*
- 10:45 Pantoea and other emerging pathogens identified from sepsis patients in Ethiopian referral hospitals: whole genome analysis  
**Melese Hailu**, *Addis Ababa University and Uppsala University*
- 11:00 Genome sequencing of Plasmodium falciparum in the Bijagós Archipelago reveals population dynamics and drug resistance mutations  
**Sophie Moss**, *London School of Hygiene and Tropical Medicine*
- 11:15 Molecular diagnosis and taxon assemblage typing of giardiasis in school-aged children situated along the southern shoreline of Lake Malawi, Malawi  
**John Archer**, *Liverpool School of Tropical Medicine*
- 11:30 **Morning refreshments and poster viewing**
- 12:00 **Session 2 Presentations**  
**Chair: Alice Sharman**, Digital Communications Manager, *Royal Society of Tropical Medicine and Hygiene*  
Comparative study on Malaria Preventative Measures and their Impact on Malaria Infection in Pregnant Women from Hard-to-Reach Rural Communities and Urban settings in Ondo State, Nigeria  
**Leonard Uzairue**, *Federal University Oye-Ekiti*
- 12:15 Screening Infectious Disease With Zoonotic Potential In Southern Pig-Tailed Macaques Using Faecal Samples And Field-Modified Diagnostics  
**Celine Ng**, *Universiti Sains Malaysia*
- 12:30 The impacts of climate-adapted rice cultivation on malaria vector ecology  
**Harrison Hardy**, *Natural Resources Institute*
- 12:45 Associations between water and sanitation service, risk of intestinal schistosomiasis, infection intensity, and liver fibrosis in selected households living near Lake Albert – a descriptive cross-sectional study  
**Germain Lam**, *London School of Hygiene and Tropical Medicine*
- 13:00 **Lunch and poster viewing**

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14:00 **Session 3 Presentations**

**Chair: Marie Ko**, Grants Manager, *Royal Society of Tropical Medicine and Hygiene*

Integrated sample preparation of artificial stool for parasite quantification in lab-on-a-disc

**Kentchandzi Victoire Ornela Watong**, *Vrije Universiteit Brussel*

14:15 Diagnostic characteristics of the 20-minute whole blood clotting test in detecting venom-induced consumptive coagulopathy following carpet viper envenoming

**Frank Tianyi**, *Liverpool School of Tropical Medicine*

14:30 Land use and spatial distribution of malaria transmission in Southern Benin

**Colette Morlino**, *London School of Hygiene and Tropical Medicine, and Cotonou Centre for Entomological Research*

14:45 Evaluating the test accuracy of *Determine* HIV-1/2 rapid test used with a 0.01M phosphate buffer saline produced at the MRC the Gambia for the diagnosis of HIV

**Anna Boté Casamitjana**, *London School of Hygiene and Tropical Medicine and the MRC unit in The Gambia*

15:00 Houses improving as a supplemental intervention tool for reducing indoor vector densities and malaria prevalence in Eman, Center Cameroon.

**Yacouba Poumachu**, *OCEAC*

15:15 **Afternoon refreshments poster viewing**

15:45 **Guidance sessions**

- How to get published
- How to communicate your research
- How to get funding

16.30 **Keynote lecture**

The importance of surveillance and epidemiological research in understanding tropical diseases (tbc)

**Professor David Heymann CBE**, *Professor of Infectious Disease Epidemiology, London School of Hygiene and Tropical Medicine, and Head of the Centre on Global Health Security, Chatham House*

17:15 **Prize giving and wrap up**

17:30 **Close**

## Poster presentations

P.01 A quantitative study of the health and disease perceptions of Amazonian Indigenous populations following the Sars-Cov-2 pandemic

**Ahmed Alhussni & Lewis Greenan-Barrett**, *University of Oxford*

P.02 A Phylogenetic Study of Dengue Virus in Urban Vietnam Shows Long-Term Persistence of Endemic Strains

**James Ashall**, *London School of Hygiene and Tropical Medicine*

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- P.03 Assessment of farmers' knowledge of venomous snakes, and their awareness and perceptions of available treatment options in northern Nigeria  
**Nnadi Emmanuel**, *AlphaBiolabs*
- P.04 Investigations of Schistosomiasis on the Namwera Plateau  
**Oscar Herrera**, *London School of Hygiene and Tropical Medicine*
- P.05 Associated Risk Factors for Infection with *Schistosoma japonicum* and Soil Transmitted Helminths in the Philippines  
**William Jones-Warner**, *London School of Hygiene and Tropical Medicine*
- P.06 Moving on from cross-reactivity: Risk stratification and environmental delineation of lymphatic filariasis and loiasis co-endemic areas to optimise rapid diagnostic tools in the presence of cross-reactivity.  
**Morgan Lemin**, *Institute of Infection, Veterinary and Ecological Sciences, University of Liverpool*
- P.07 Document Analysis of National Influenza Pandemic Preparedness Plans in Europe for Health System Resilience Strengthening Strategies  
**Kaitlyn Radford**, *London School of Hygiene and Tropical Medicine*
- P.08 Qualitative analysis of pathways to Visceral Leishmaniasis treatment in India  
**Nadine Rouchdy**, *London School of Hygiene and Tropical Medicine*
- P.09 Repurposing ivermectin for malaria vector control: lethal and sub-lethal impacts in the mosquito *Anopheles coluzzii*  
**Monique Shepherd-Gorringe**, *University of Greenwich NRI*
- P.10 Exploring the role of the informal private sector in antimicrobial access and resistance in Blantyre, Malawi  
**Victoria Simpson**, *Liverpool School of Tropical Medicine / Royal Liverpool University Hospital*
- P.11 Praziquantel resistance monitoring in Ugandan *Schistosoma mansoni* populations  
**Shannan Summers**, *London School of Hygiene and Tropical Medicine*
- P.12 Water, Sanitation, & Hygiene Indicators and Their Relation to Trachoma in Nabilatuk District, Uganda  
**Josefine Tvede Colding-Jørgensen**, *London School of Hygiene and Tropical Medicine*

