

# Research in Progress

## Thursday 3 December 2020

GMT	Item
09.30 – 10.30	<p><b>Mentoring sessions</b></p> <p><i>More details to follow</i></p>
11.15 – 12.15	<p><b>Presentations</b></p> <p>Insecticide resistance alters the microbiota of <i>Anopheles coluzzii</i> from Agboville—a region with intense pyrethroid resistance in Côte d'Ivoire.</p> <p><b>Ms Bethanie Pelloquin</b>, <i>London School of Hygiene and Tropical Medicine</i></p> <p>Clinical and laboratory profile of patients with Kyasanur forest disease: a single-centre study of 192 patients</p> <p><b>Dr Nitin Gupta</b>, <i>Kasturba Medical College, Manipal</i></p> <p>Outbreak of Human Rabies in Sarawak, Malaysia: An Epidemiological Study</p> <p><b>Miss Nur Asheila Abdul Taib</b>, <i>Universiti Malaysia Sarawak</i></p>
12.15 – 13.15	<p><b>Poster presentations and networking</b></p>
13:15 – 14:15	<p><b>Presentations</b></p> <p>Validation of a portable three-dimensional imaging system for measuring lower limb volume of patients with podoconiosis in Ethiopia: A prospective observational study</p> <p><b>Mr Abdi Samuel Temesgen</b>, <i>Brighton and Sussex Medical School, UK and CDT-Africa, Ethiopia</i></p> <p>Design and piloting of the SAHARAN toolbox: A comprehensive assessment of school-age children's growth, cognitive and physical function in rural Zimbabwe</p> <p><b>Dr Joseph Piper</b>, <i>Queen Mary University of London</i></p> <p>Integration of Cervical Cancer Prevention Services into HIV care: An Action Research in a Ugandan Community Health Facility</p> <p><b>Dr Judith Auma</b>, <i>University of Salford</i></p>
14:15 – 14:45	<p><b>Break</b></p>
14:45 – 15:30	<p><b>Networking sessions</b></p>

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15:30 – 16:00	<b>Presentations</b>  HIV-associated Neurocognitive Disorder: an Investigation using Structural Neuroimaging in a c-ART Treated Tanzanian Cohort <b>Miss Lucy McDonald</b> , <i>Newcastle University</i>  Characterization of the early life microbiota member Bifidobacterium Isolated from Exclusively Breastfed Malawian Children <b>Ms Angeziwa Chunga Chirambo</b> , <i>Malawi Liverpool Wellcome Trust Clinical Research Programme</i>
16:00 – 16:30	<b>Keynote lecture – Chalmers medal speech</b>  Epidemiology, diagnostics, laboratory networks, logistics & procurement <b>Dr Katharina Kranzer</b> <i>Clinical Associate Professor in Infectious Disease Epidemiology, London School of Hygiene and Tropical Medicine and Honorary Clinical Consultant Microbiologist at the University College London</i>
16:30 – 17:30	<b>Break</b>
17:30 – 18:30	<b>Mentoring sessions</b>  <i>More details to follow</i>

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## Poster presentations

### P.01

The Neurological effects of Ascariasis on children in LMICs: A Systematic review

**Esther Bassey**, *University of Uyo, Nigeria*

### P.02

Antibody Dependent Cellular Cytotoxicity Profiling of Ov-DKR Vaccine Target, Against River Blindness

**Gemuh Serri**, *University of Buea, Cameroon*

### P.03

Determinants of soil-transmitted helminth infections among pre-school-aged children in Gamo Gofa zone, Southern Ethiopia: a case-control study

**Mekuria Asfaw**, *Arba Minch University, Ethiopia*

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## P.04

Development and Application of a Recombinase Polymerase Amplification Assay for On-site Screening and Differentiation of Viral Hemorrhagic Fevers during Outbreaks

**Sima Rugarabamu**, *Sokoine University of Agriculture, Tanzania*

## P.05

Optimisation of nucleic acid-based diagnostics to detect species of the zoonotic helminth *Strongyloides* in reservoir hosts Celebes crested macaques

**Marion Head**, *University of Southampton, UK.*

## P.06

Emerging *P. vivax* malaria infections and Evidence of Duffy Binding Protein Gene Duplication in *Plasmodium vivax* Field Isolates in Sudan

**Safaa Mahgoub**, *Institute of Endemic Diseases University of Khartoum, Sudan*

## P.07

Parasite excretory secretory products (ESPs) may be responsible for Onchocerca Associated Epilepsy (OAE)

**Momnougui Sonia**, *University of Buea, Cameroon*

## P.08

Development of a framework to improve neglected tropical diseases surveillance and response at the sub-national level in Kenya

**Arthur Kipkemoi Saitabau Ng'etich**, *University of Pretoria, South Africa*

## P.09

Modelling the spatial distribution of mycetoma in Sudan

**Rowa Hassan**, *Mycetoma Research Centre, Sudan*

## P.10

Spatial risk factors influencing occurrence of anthrax outbreaks in Karnataka, India.

**Veena R**, *ICAR – National Institute of Veterinary Epidemiology and Disease Informatics, India*

## P.11

Rational design of a potent chimeric vaccine against Toxoplasmosis: implications in the One Health Concept

**Emmaculate Yaah Ntang**, *University of Buea, Cameroon*



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## P.12

HIV-associated neurocognitive disorder in cART treated adults aged 50 and over in Kilimanjaro, Tanzania: a longitudinal study

**Rebecca Spooner**, *Newcastle University, UK*

## P.13

Cervical lymphadenopathy and Absence of Posterior Pituitary Bright Spot in CNS Tuberculosis: A Case –Control Study

**Smitesh Gutta**, *Christian Medical College, India*

## P.14

Not Just About the Money: A Systematic Review and Synthesis of Qualitative Literature Surrounding Antimicrobial Stewardship in Sub-Saharan Africa

**George Porter**, *Newcastle University, UK*

