09:15  Arrival and morning refreshments
09:30  Welcome and opening remarks
09:45  Geospatial analysis to reduce spatial inequalities in health: reaching the farthest behind, first
Peter Macharia, Emerging Leader Award recipient 2021
10:30  The use of WHONET and SaTScan for Antimicrobial Resistance surveillance in Pakistan: A
One Health perspective.
Aahil Damani, London School of Hygiene and Tropical Medicine.
10:45  Operationalizing a framework for strengthening neglected tropical diseases surveillance: a
scoping review of conceptual frameworks.
Arthur Kipkemoi Saitabau Ng'etich, Moi University.
11:00  Determining the Diagnostic Gap for Yaws
Rebecca Handley, London School of Hygiene and Tropical Medicine.
11:15  Morning refreshments and poster viewing
11:45  The association of vascular risk factors with cognitive impairment in ART-treated HIV-positive
adults aged 50 years or older in Northern Tanzania
Katherine Flack, Newcastle University
12:00  Diversity and Evolution of Antigens in the Tetraspanin Protein Family of Schistosoma
gajoinicum, and implications for vaccine candidacy.
Daniel Parsons, Kingston University.
12:15  Elucidating the role of the skin microbiome in human attractiveness to mosquitoes.
Alicia Showering, London School of Hygiene and Tropical Medicine.
12:30  Formulation, Characterization and Evaluation of Wog19-Loaded and Wog19 +Chloroquine-
Loaded Solid Lipid Nanoparticles for the Treatment of Resistant P.berghei Malaria.
Samuel Uzondu, NanoMalaria Research Unit, Drug Delivery and Nanomedicines Research
Laboratory, University of Nigeria.
12:45  Towards xenomonitoring of Chagas disease vectors and pathogen: development of low-
technology environmental surveillance in the laboratory and the field.
Grace Gysin, London School of Hygiene and Tropical Medicine.
13:00  Lunch and poster viewing
14:00  Silicosis and silicotuberculosis prevalence amongst respiratory admissions: A hospital based,
cross sectional study in Northern Tanzania
Patrick Howlett, National Heart and Lung Institute
14:15  Prevalence and risk factors for HIV-associated neurocognitive disorders (HAND) in a well-
managed cohort of older adults receiving standard HIV care in Mbeya, Tanzania.
Nikita Thumma Redtt, Newcastle University.
14:30  Retinal Imaging as a Potential Biomarker of HIV Progression in older HIV positive adults in
Northern Tanzania.
Grace George, Northumbria Trust
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14:45  Afternoon refreshments poster viewing

15:00  Guidance sessions
   • How to get published
   • How to communicate your research
   • How to get funding

16:15  TB and HIV epidemiology and diagnostic interventions
   Elizabeth Corbett, Sir Rickard Christopher Medal recipient 2021.

17:00  Prize giving and wrap up

17:15  Close

Poster presentations

P.01  The impact of the COVID-19 pandemic on paediatric cancer patients in low, middle, and high-income countries: protocol for a multicentre, international, observational cohort study
   Soham Bandyopadhyay, University of Oxford

P.02  The impact of preventative chemotherapy on Schistosoma mansoni associated morbidity in children in the Marolambo district of Madagascar, over a four year period.
   Kate Hyde, MADEX Madagascar Medical Expeditions

P.03  How do we best use Xpert MTB/RIF Ultra to diagnose tuberculous meningitis? A pilot study in Gaborone, Botswana
   Anika Rahim, London School of Hygiene and Tropical Medicine

P.04  Rapid capture of uropathogenic bacteria and on-chip determination of associated anti-microbial resistance
   Andrea Dsouza, University of Warwick

P.05  Evaluation of the Recombinase Polymerase Amplification assay as a point-of-care diagnostic for Schistosoma mansoni infections and for transmission monitoring
   Silvia Mesquita, Fiocruz / Natural History Museum

P.06  A pilot study of computer aided diagnosis (cad) tools to screen tuberculosis in context of Nepal
   Sunil Neupane, Purbanchal University

P.07  Tandem use of OvMANE1 and Ov-16 ELISA tests increases the sensitivity for the diagnosis of human onchocerciasis
   Cabirou Mouchili Shintouo, University of Buea, Cameroon

P.08  Key factors influencing multidrug-resistant tuberculosis in patients under anti-tuberculosis treatment in two centres in Burundi: A Mixed Effect Modelling Study
   Arnaud Iradukunda, University of Burundi

P.09  Insilico design and characterization of OvMCBL01 chimeric antigen as a potential biomarker for the diagnosis of human onchocerciasis
   Bernis Neneyoh Yengo, University of Buea
Community mask wearing, its barriers and motivators among rural households of Uganda: A mixed methods approach

Grace Biyinzika Lubega, Makerere University School of Public Health

Exploring the biological factors of the transmission cycle of cutaneous leishmaniasis in Alta Verapaz, Guatemala

Yamie Lopez, Universidad del Valle de Guatemala

Predictors of traditional remedying and other characteristics among human snakebite victims in Baringo county, Kenya, 2010-2020.

Peris Kung’u, Global Implementation Solutions

The burden of human coronavirus infection in children hospitalised with severe lower respiratory tract infection in Cape Town, South Africa

Abdumumuni Samuel Aliyu, University of Cape Town

Epidemiological Studies of Malaria in Gboko Benue State, Nigeria: Justifying the Need for Participatory Action Research

Emmanuel Ogbuefi, Nnamdi Azikiwe University Awka Anambra State Nigeria

Survival of adult female worms of Onchocerca ochengi in gerbils and hamsters: implications for the development of an in vivo macrofilaricide screening model

Glory E. Mbah, Higher Teacher Training College, The University of Bamenda

Assessment of the durability of long-lasting insecticidal nets from the 2017 ITN mass campaign in Benin, West Africa

Idelphonse Ahogni, Centre for Research of Entomology in Cotonou

Nasal Carriage of Methicillin-resistant Staphylococcus sciuri by Residents of an Urban Informal Settlement in Kenya

Charchil Ayodo, Washington State University Global Health - Kenya

Prevalence of urogenital schistosomiasis among school children aged at kigogo primary school, Kinondoni Dar es salaam

Yona Yangaza, Mbeya regional referral hospital

Molecular detection of Schistosoma mansoni DNA in faeces of natural predators – is fish faecal xenomonitoring a potential tool for transmission monitoring?

Zikmund Bartonicek, Natural History Museum

Evaluating changes in VO2Max and anaemia following four years of praziquantel mass drug administration for Schistosoma mansoni in school children in Marolambo, Madagascar

Robet Gittings, University of Liverpool

Resistance of Aedes aegypti to insecticide in Niger: first report of V1016I, F1534C and V419L kdr mutations associated to pyrethroid resistance

Mamadou Maiga Abdoul-Aziz, University of Joseph KI-ZERBO (ex University of Ouagadougou).

Assessment of COVID-19 knowledge, Preventive behaviors, severity, self-efficacy and mental health in Bangladesh and Iraq

Hashim Talib Hashim, University of Baghdad, College of Medicine