

FULL PROGRAM

| WEDNESDAY FEBRUARY 12 TH FEBRUARY 2020 | |
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| VENUE | SAFARI PARK HOTEL |
| 0700-0830hrs | Registration of Delegates |
| SESSION 1 | Official Opening Session – Jambo Room |
| 0830– 0840hrs | Conference overview: Chair of KASH Organizing Committee, Prof. Charles Mbogo |
| 0840– 0850hrs | Welcome remarks: DIRECTOR GENERAL, KEMRI, Prof. Yeri Kombe |
| 0850– 0900hrs | Remarks from Chair, KEMRI Board of Management, Dr. Naphtali N. Agata |
| 0900– 0930hrs | Opening Keynote Address: Dr. Zipporah Bukania -Cost of Hunger in Africa-Kenya Study: Consequences of Undernutrition on Attainment of Universal Health Coverage |
| Session Chair | Prof. Sam Kariuki |
| Rapporteur | Dr. Damaris Matoke- Muhia |
| PLENARY 1 -3- Jambo Room | |
| Plenary Chair: Co-Chair: | Dr. Benjamin Tsofa Dr. Vera Manduku |
| Rapporteurs: | Dr. Josyline C. Kaburi |
| 0930 -0950hrs | Plenary Session 1: Prof. Peter Ngunjiri: “Steps towards Achievement of Universal Health Coverage in Kenya: Implications of Devolved Health Functions” |
| 0950- 1010hrs | Plenary Session 2: Prof. Adana AM Llanos: “Epidemiologic Exploration of Personal Care Products as Important Environmental Risk Factors for Breast Cancer” |
| 1010-1030hrs | Plenary Session 3: Fidelis Toloyi Ndombera: “NanoString Chemistry and Technology, An emerging tool in Cancer Drug Discovery and Treatment |

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| 1030-1100hrs | Health Break, Poster Viewing Session 1 | |
| | SCIENTIFIC SESSION 1-4 & Symposium 1- Parallel Sessions | |
| 1100- 1300hrs | Abstract No | SCIENTIFIC SESSION 1: Health Systems Venue:Tsavo Chair: Dr. Kui Muraya Co-Chair: Dr. Lydia Kaduka Rapporteurs: Sharon Mokuu |
| 1100- 1115hrs | 001 | Institutionalizing Knowledge Management: A Pilot sensitization Activity at The Kenya Medical Research Institute, Lilian Mayieka |
| 1115- 1130hrs | 002 | Resource tracking for public health facilities in Kenya: experiences in a devolved health system, Angela Kairu |
| 1130-1145hrs | 003 | Systems thinking with stakeholders to strengthen primary health care in Kenya: concept mapping in the HEKIMA Study, Vihiga, Kenya, Lydia Kaduka |
| 1145-1200hrs | 004 | Immunization Coverage in Siaya County, Kenya, Before and After Healthcare Worker Strikes, Benard Opiyo |
| 1200- 1215hrs | 005 | Laboratory Safety Audits A Game Changer In Infection Prevention And Control, Duncan Ongayi |
| 1215-1230hrs | 006 | Implementation of an Electronic Quality Management System using Q-Pulse: The KEMRI-Wellcome Trust Research Laboratories Experience, Susan Njuguna |
| 1230-1245hrs | 007 | Operationalization and sustainability of a quality accredited tuberculosis reference laboratory in resource limited setting, met and unmet goals from 2012 At KEMRI, Joshua Ongalo |
| 1245-1300hrs | Panel Discussion | |

| 1100- 1300hrs | Abstract No | SCIENTIFIC SESSION 2: Genomics, Diagnostics and Innovations Venue: Amboseli Chair: Dr. John Waitumbi Co-Chair: Dr. Muuo Nzou Rappoeurters: Kimita Gathii |
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| 1100- 1115hrs | 008 | Biomarkers associated with inpatient mortality among acutely ill undernourished children, James Njunge |
| 1115- 1130hrs | 009 | No Evidence of <i>P. falciparum</i> K13 Artemisinin Conferring Mutations Over a 24-year Analysis in Coastal Kenya, but a Near Complete Reversion to Chloroquine Wild Type Parasites, Kevin Wamae |
| 1130-1145hrs | 010 | Update and broader direction of an Indo-African pathogen genomics initiative, Pratik Lakhani |
| 1145-1200hrs | 011 | Phylogenetic analysis and sequence-typing of multi-drug resistant <i>Neisseria gonorrhoeae</i> clinical isolates from Kenya using Nanopore sequencing, Meenakshi Iyer |
| 1200-1215hrs | 012 | Molecular Analysis of Antimalarial Resistance Markers in Parasite Samples Obtained from Children Recruited into a Drug Efficacy Trial in Kwale, Kenya, 2013, Leonard Ndwiga |
| 1215- 1230hrs | 013 | Identification of approved drugs with unknown antiplasmodial activity using chemogenomics and in vitro approaches, Douglas Ochora |
| 1230-1245hrs | 014 | Genetic Diversity of respiratory human adenoviruses isolated in Kenya, Rachel Achilla |
| 1245-1300hrs | Panel Discussion | |

| 1100- 1300hrs | Abstract No | SCIENTIFIC SESSION 3: INFECTIOUS DISEASES 1 Venue: Samburu Chair: Dr. Margaret Mbuchi Co-Chair: Dr.Patrick Munywoki Rapporteur: Josephat Nyataya |
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| 1100- 1115hrs | 015 | Gestational Age at Attendance for Antenatal Care as a Potential Factor for the Success of a Maternal Respiratory Syncytial Virus (RSV) Vaccine Program in Coastal Kenya, Joyce Nyiro |
| 1115- 1130hrs | 016 | Measles Outbreak in Remote Area in Unvaccinated Population, Tana River County, Kenya, January 2019, Abbas Godana |
| 1130-1145hrs | 017 | Measles outbreak investigation in Wajir County, Kenya 2019, Muma Shariff |
| 1145-1200hrs | 018 | Long-term impact of 10-valent pneumococcal conjugate vaccine in Kenya: nasopharyngeal Streptococcus pneumoniae carriage among children and adults six to seven years after vaccine introduction, Patrick Munywoki |
| 1200-1215hrs | 019 | Seasonality and prevalence of respiratory syncytial virus, parainfluenza, and adenoviruses in Kenya: USAMRD-K supported Influenza-like illness surveillance program (2007-2018), Therese Umuhoza |
| 1215- 1230hrs | 020 | Using the synthetic control method to assess 10-valent pneumococcal conjugate vaccine impact on pneumonia among children aged <5 years in rural and urban Kenya, Allan Audi |

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| 1230-1245 hrs | 021 | Surveillance of Neuraminidase inhibition susceptibility of Influenza A virus (IAV) isolates obtained from Kenya, 2008 to 2017, Meshack Wadegu |
| 1245-1300 hrs | 022 | Understanding The Cellular Immunology To Pneumonia, Elijah Gicheru |
| 1300-1310hrs | Panel discussion | |
| 1100- 1300hrs | Abstract No | SCIENTIFIC SESSION 4: TB/ HIV (1) Venue: Bogoria Session Chair: Dr. Hellen Meme Co-Chair: Asiko Ongaya Rapporteur: Fred Orina |
| 1100- 1115hrs | 023 | Continous Quality Improvement Approach To Scale Up TB Active Case Finding In Suna West Sub County, Peter Omware |
| 1115- 1130hrs | 024 | HIV Epidemiology among the Fisherfolk in the Islands of Lake Victoria in Western Kenya; 2017-2018, Anne Adega |
| 1130-1145hrs | 025 | Factors associated with bacteriologically confirmed pulmonary Tuberculosis cases in Kwale County, 2016–2019, Samuel Kimaru |
| 1145-1200hrs | 026 | Tuberculosis Case Finding among HIV Positive clients attending HIV Care Clinic at Kathiani Hospital Machakos County, Kenya, January 2018 to June 2019, Eunice Kiilu |
| 1200-1215hrs | 027 | Experiences in successful implementation of a tuberculosis (TB) vaccine trial in a TB endemic setting western Kenya, Joshua Ongalo |
| 1215-1230hrs | 028 | Retention of New adult Clients on Anti-Retroviral Therapy at Kisumu County Referral Hospital Comprehensive Care Centre in 2018, Larry Mwallo |

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| 1230-1245 hrs | 029 | HIV-specific antibody neutralization function in HIV infected children, Yiakon Sein |
| 1245-1300hrs | Panel Discussion | |
| 1100-1300 hrs | | <p>Symposium 1: Strengthening of exploitation of Science, Technology and Innovations as a key enabler of realization of UHC</p> <p>Venue: Ivory</p> <p>Organizer/Chair: Dr. James H. Kimotho</p> <p>Co-Chair: Dr. Cecilia Wanjala,</p> <p>Rapporteur: Dr. Missiani Ochwoto, Ruth Nyangacha</p> |
| 1300-1400hrs | Lunch Break/ Poster Viewing Session 1 | |
| SCIENTIFIC SESSION 5-8 & Symposium 2 | | |
| 1400-1630hrs | Abstract No | <p>SCIENTIFIC SESSION 5: Public Health(1)</p> <p>Venue: Tsavo</p> <p>Session Chair: Sophie Matu</p> <p>Co-Chair: Dr. Lilian Mayieka</p> <p>Rapporteur: Mike Muraya</p> |
| 1400-1415hrs | 030 | Evaluation Of Hepatitis B Vaccination Uptake And Awareness Among Health Care Workers At Chulaimbo County Hospital, Dancan Ongayi |
| 1415-1430hrs | 031 | Assessment of HIV Exposed Infants on Follow Up at Mentor Mothers Program Sites, Kwale County, Kenya, 2016- 2018, Juma Mwavita |
| 1430-1445hrs | 032 | Mortality rates and causes of death in an urban informal settlement, Kibera, Kenya, 2017, Clifford Oduor |

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| 1445-1500hrs | 033 | Increasing Screening In All Hospital Departments To Improve Active Case Finding The Case Of Awendo Sub County, Peter Omware |
| 1500-1515 hrs | 034 | Human Papillomavirus (HPV) Infection: Molecular/Genotype Epidemiology, Acceptability of Screening and Vaccination and Risk-factors among women in lower Mt. Kenya region, James Njue |
| 1515-1530 hrs | 035 | Process evaluation of the implementation of Linda Mama Free Maternity Programme in Kenya, Stacey Orangi |
| 1530-1545 hrs | 036 | Assessment of Community Knowledge on Tuberculosis in Meru County, Kenya February 2019, Martin Njiru |
| 1545-1600 hrs | 037 | Factors associated with outcome of Gender Based Violence Survivors attending care at Makadara Health Center, Nairobi County, January-December,2018, Nellie Motanya |
| 1600-1630hrs | Panel Discussion | |
| 1400-1630hrs | Abstract No. | SCIENTIFIC SESSION 6: Non-Communicable Diseases (NCDs) Venue: Amboseli Chair: Dr. Linet Onger Co-Chair: Ann Korir Rapporteur: Joyce Ondicho |
| 1400-1415hrs | 038 | Integration of chronic oncology services in noncommunicable disease clinic in rural Rwanda, Robert Rutayisire |
| 1415-1430hrs | 039 | The epidemiology of sickle cell disease in children recruited in infancy in Kilifi, Kenya: a prospective cohort study, Brian Tawa |

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| 1430-1445hrs | 040 | Genotypes and Prevalence of High-Risk Human Papillomavirus among patients diagnosed with Head and Neck Cancer at Alexandria Cancer Centre, Eva Ombiro |
| 1445-1500hrs | 041 | Evaluation of Road Traffic Accident Fatal Injury Surveillance System - Machakos County, Kenya, 2015–2019, Ian Chessa |
| 1500-1515hrs | 042 | Evaluation of Palliative Care Surveillance System in Kenya, 2016–2018 Elizabeth Nzioka |
| 1515-1530hrs | 043 | Case presentation where mri shows superiority as a modality for breast cancer screening, Mazaher Jaffer |
| 1530-1545hrs | 044 | Myocardial and haemodynamic responses to two fluid regimens in African children with severe malnutrition and hypovolaemic shock (AFRIM study), Nchafatso Obonyo |
| 1545-1600hrs | 045 | Factors associated with high prevalence of diabetes among adults in Nyeri County, Kenya, 2019, Gatwiri Murithi |
| 1600-1615hrs | 046 | Histopathological Patterns of Breast Cancer Diagnosed at Alexandria Cancer Center and Palliative Care Hospital, Tabitha Kamau |
| 1615-1630hrs | 047 | Antiproliferative effects of Fagaropsis angolensis (Engl.) Dale (Rutaceae) leaf and root extracts on breast cancer cells in culture, Jared Onyancha |
| 1630-1645hrs | Panel discussion | |
| 1400-1630hrs | Abstract No | SCIENTIFIC SESSION 7: TB/HIV 2 Venue: Samburu Chair: Dr. Patrick Munywoki Co-Chair: Barbra Miheso Rapporteur: Josephat Nyataya |

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| 1400-1415hrs | 048 | Preliminary Findings of Scaling up Evidence-based Multiple Focus Integrated Intensified Tuberculosis Screening to End TB in Siaya County, Kenya, Douglas Okello |
| 1415-1430hrs | 049 | Characterization of Drug Sensitive Tuberculosis cases in the Coastal region of Kenya, 2015-2017, Emily Kurera |
| 1430-1445hrs | 050 | Comparative testing for MDRTB cases among presumptive multidrug resistant tuberculosis patients, in western- Kenya, Albert Okumu |
| 1445-1500hrs | 051 | Recovery Of Mycobacterium Tuberculosis From Negative Mgit Cultures With Growth Units Above 1 After Protocol Incubation Period Of 42 Days, Joshua Ongalo |
| 1500-1515hrs | 052 | Predictors of unfavorable treatment outcomes among drug sensitive TB patients at the County Referral Hospital, Taita Taveta, Kenya, 2014–2017, Williamson Mwanyika |
| 1515-1530hrs | 053 | The distribution and trends of drug resistant Mycobacterium tuberculosis among patient's sputum samples referred to KEMRI-TB laboratory for drug resistance surveillance in Western Kenya, Joshua Ongalo |
| 1530-1600hrs | Panel discussion | |
| 1400-1630hrs | Abstract No | SCIENTIFIC SESSION 8: MALARIA Venue: Bogoria Chair: Dr. Caroline Kifunde Co-Chair: Dr. Joseph Mwangangi Rapporteur: Clement Masakwe |

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| 1400-1415hrs | 054 | Gametocyte clearance in children, from western Kenya, with uncomplicated Plasmodium falciparum malaria after artemether-lumefantrine or dihydroartemisinin-piperazine treatment, Protus Omondi |
| 1415-1430hrs | 055 | Monthly malaria chemoprevention for the post-discharge management of severe anaemia in children in sub-Saharan Africa, Titus Kwambai |
| 1430-1445hrs | 056 | The Efficacy of Artemisinin Combination Therapy in Kenya; the status at four malaria endemic regions' sentinel sites, Francis Kimani |
| 1445-1500hrs | 057 | An effective method for enrichment of Plasmodium falciparum DNA from cryopreserved infected red blood cells, Brian Bartilol |
| 1500-1515hrs | 058 | Diagnostic performance of ultra-sensitive rapid diagnostic tests (uRDTs) for malaria in pregnant women attending antenatal care clinics in western Kenya, Aaron Samwels |
| 1515-1530hrs | 059 | Assessment of Community Case Management of Malaria in Muhoroni Sub County from January to September 2019, John Seda |
| 1530-1545hrs | 060 | Antiplasmodial Activities Of Securidaca Longipedunculata Fresen (Polygalaceae), Douglas Ochora |
| 1545-1615hrs | Panel discussion | |

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| 1400-1630hrs | SYMPOSIUM 2: NAPREDA: Herbal and Traditional Medicine in Universal Health Coverage: The Potential and Need for Evidence Based Products Venue: Ivory Organizer/Chair: Dr. Festus Tolo Co-Chair: Dr. Peter Mwitari Rapporteur: Dr. Beatrice Irungu | |
| DAY 2: THURSDAY FEBRUARY 13th 2020 Venue: Jambo Room PLENARY 4-6 | | |
| 0730-0830 hrs | Registration of Delegates | |
| | Session Chair: | Dr. Doris Njomo |
| | Co-chair: | Dr. Joel Lutomiah |
| | Rapporteur: | Ms. Milkah Mwangi |
| 0830–0900hrs | Plenary Session 4: Dr. Fredros Okumu “Multiplicity of Malaria Transmission in East Africa” | |
| 0900–0930hrs | Plenary Session 5: Dr. Rosemary Sang “The emergence and re-emergence of arbovirus threats in East Africa; why we should be concerned about our early warning systems and preparedness for combat” | |
| 0930-1000 hrs | Plenary Session 6: Dr. Bernards Ogutu “Malaria management in the UHC framework for maximum impact” | |
| 1000-1030hrs | Health Break And Poster Viewing Session 2 | |
| 1030-1300hrs | SCIENTIFIC SESSION 9-11 & SYMPOSIUM 3,4, Young investigators Awards | |

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| 1030-1300hrs | Abstract No | SCIENTIFIC SESSION 9: NTDS Venue: Tsavo Chair: Dr. David Odongo Co-Chair: Erastus Mulinge Rapporteur: Beth Mutai |
| 1030-1050hrs | 061 | Ujplus:A Novel Approach to National School Based Deworming Programs, Elijah Songok |
| 1050-1110hrs | 062 | Prevalence and genotyping of Taenia species in dogs from five counties in Kenya, Erastus Mulinge |
| 1110-1130hrs | 063 | Occurrence of Cryptosporidium infection among children aged under 24 months in Kibera, Kenya, Daisy Mutai |
| 1130-1150hrs | 064 | Magnitude and Epidemiological Characteristics of Visceral Leishmaniasis Outbreak in Arid Northern Kenya - April 2019, Qabale Duba |
| 1150-1210hrs | 065 | High incidence of human brucellosis in a rural Pastoralist community in Kenya, 2016, Peninah Munyua |
| 1210-1230hrs | 066 | An evaluation of Trichuris trichiura prevalence in Kwale County, Stella Kepha |
| 1230-1300hrs | Panel Discussion | |
| 1030-1300hrs | Abstract No | Scientific Session 10: SRACH (Sexual, Reproductive, Adolescence and Child Health) (1) Venue: Amboseli Chair: Dr. Simon Njoroge Co-Chair: Dr. Joan Olale Rapporteur: Beatrice Olack |

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| 1030-1045hrs | 067 | Uptake of antenatal care services among women of reproductive age in Mandera County, Kenya, Ismail Ahmed |
| 1045-1100hrs | 068 | Classification Of Semen Parameter Results For Patients Visiting The University Of Nairobi Obstetrics And Gynecology Andrology Laboratory, Dennis Chalo |
| 1100-1115hrs | 069 | Safety and Pharmacokinetic profile of Fosfomycin in hospitalized neonates in rural Kenya, Christina Obiero |
| 1115-1130hrs | 070 | Coverage and timeliness of antenatal services in an urban informal settlement in Nairobi, Kenya, JaneAlice Ouma |
| 1130-1145hrs | 071 | Multi-sectorial approach; a road map for joint implementation of Adolescent and Youth Sexual Reproductive Health interventions, Lillian Nyaga |
| 1145-1200hrs | 072 | Causes of Low Birth Weight and Preterm Neonatal Mortality in Migori, Kenya: Evidence from Verbal Autopsy, Beatrice Olack |
| 1200-1215hrs | 073 | Early detection of neurodevelopmental impairment: Comparing the use of caregiver report with direct assessment of pre-term and low birth weight babies in Migori County, Kenya, Olieng'o Geoffrey |
| 1215-1230hrs | 074 | Factors associated with stillbirths and neonatal deaths in Lamu County, January – December 2017, Khadija Athmani |
| 1230-1300hrs | Panel Discussion | |

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| 1030-1300hrs | | Scientific Session 11: Antimicrobial Resistance (AMR) 1 Venue: Samburu Chair: Dr. Willie Sang Co-Chair: Tom Ouko Rapporteur: Eric Odoyo |
| 1030-1050hrs | 075 | Gentamicin susceptibility profiles among <i>Neisseria gonorrhoeae</i> isolates from different regions in Kenya, Valerie Oundo |
| 1050-1110hrs | 076 | Prevalence of <i>Shigella</i> serogroups and their antimicrobial resistance among patients with diarrhea in urban and rural Kenya: 2010-2018, Richard Onyando |
| 1110-1130hrs | 077 | Human <i>Campylobacter</i> spp., susceptibility patterns and capsular types, Elizabeth Odundo |
| 1130-1150hrs | 078 | Assessment of antibiotic stewardship among patients admitted in Migori County Referral Hospital (MCRH) - June 2018-June 2019, Tabitha Oketch |
| 1150-1210hrs | 079 | Direct evidence of the role of environmental contamination in transmission of hospital acquired infections, Lillian Musila |
| 1210-1230hrs | 080 | Regional Distribution and Antimicrobial Resistance Patterns of Methicillin resistant <i>Staphylococcus aureus</i> isolated from humans in Africa Brian Ogoti |
| 1230-1300hrs | Panel Discussion | |

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| 1030-1300hrs | <p>SYMPOSIUM 3- : Pan-Africa Mosquito Control Association (PAMCA): It Is Not Just Malaria: Arboviral Transmission, Disease, Surveillance, And Prevention In Kenya</p> <p>Venue: Bogoria</p> <p>Chair: Prof. Charles Mbogo</p> <p>Co-Chair: Dr. Simon Muriu</p> <p>Rapporteur: Dr David Mburu</p> |
| 1030-1300hrs | <p>SYMPOSIUM 4: Respect for Persons, by Whom? and for Whom? (SERU)</p> <p>Venue: Ivory</p> <p>Organizer/Chair: Mr. Enock Kebenei</p> <p>Co-Chair: Caroline Kithinji</p> <p>Rapporteur: Cyprian Kisiyenya</p> |
| 1030-1300hrs | <p>UNIQUE SESSION: YOUNG INVESTIGATORS AWARD</p> <p>Venue: Cub Room</p> <p>Organizer/Chair: Dr. Doris Njomo</p> <p>Co-Chair: Dr. Simon Njenga and Dr. Lillian Musila</p> <p>Rapporteur: Dr. Joseph Mwangangi</p> |
| 1300-1400hrs | Lunch Break/Poster Viewing Session 2 |
| SCIENTIFIC SESSION 12,13,14 & SYMPOSIUM and 5,6,7 | |

| 1400-1630hrs | Abstract No. | SCIENTIFIC SESSION : 12 GENOMICS, DIAGNOSTICS AND INNOVATIONS 2 Venue: Tsavo Chair: Dr. Jackline Kosgei Co-Chair: Beatrice Ongandi Rapporteur:Cecilia Kyanya |
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| 1400-1415hrs | 081 | Genetic Diversity of Plasmodium falciparum Parasites in Pregnant and Non-pregnant Women and Potential Resistance to Antimalarial Drugs in Western Kenya, Brenda Makena |
| 1415-1430hrs | 082 | Evaluation of Plasmodium falciparum Histidine-Rich Protein 2 and 3 (PfHRP2 and PfHRP3) gene polymorphisms in Kenya, Martha Kivecu |
| 1430-1445hrs | 083 | The differences in haemoglobins A, A2, F and S in the context of the haemoglobinopathies HbS and α +thalassaemia in Kenyan infants, Johnstone Makale |
| 1445-1500hrs | 084 | Investigation of Plasmodium falciparum piperazine resistance in Kenya using molecular marker analysis and growth inhibition assays, Duncan Wakoli |
| 1500-1515hrs | 085 | Four separate low frequency β -thalassaemia pathogenic variants are found within a cohort of children on the East African Coast: results from a sequencing project in Kilifi, Kenya, Alexander Macharia |
| 1515-1530rs | 086 | Comparing Diagnostic Performance of Pronto Dry Rapid Urease® and Culture to Histopathology among Endoscopy Patients at the Aga Khan University Hospital, Nairobi-Kenya Stephen Njoroge |

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| 1530-1545hrs | 087 | PfHRP2-PfHRP3 diversity among Kenyan isolates and comparative evaluation of PfHRP2/pLDH malaria RDT with microscopy and nested PCR methodologies, Maureen Otinga |
| 1545-1615hrs | Panel Discussions | |
| 1400-1630hrs | Abstract No. | Scientific Session 13: Antimicrobial Resistance (AMR) 2 Venue: Tsavo Chair: Dr. Sam Konongoi Limbaso Co-Chair: Enock Kebenei Rapporteur: Susan Kawai |
| 1400-1420hrs | 088 | Socio-economic factors related to antimicrobial resistance in middle and low Income countries, a literature review, Beatrice Oduor |
| 1420-1440hrs | 089 | Water, sanitation and hygiene (WASH) and AMR (Antimicrobial Resistance) in an urban slum in Nairobi, Kenya, Joyce Odwar |
| 1440-1500hrs | 090 | Carriage of Antimicrobial Resistance (AMR) among children with Acute Childhood Illness in Kenya, Caroline Tigoi |
| 1500-1520hrs | 091 | Status Of Antimicrobial Resistance In Kisumu County In Context To Surveillance Systems, Duncan Ongayi |
| 1520-1540hrs | 092 | Molecular mechanisms of low level azithromycin resistance in Neisseria gonorrhoeae isolates from Kenyan, Mary Kivata |
| 1540-1600hrs | 093 | Phenotypic and genotypic characteristics of uropathogenic Escherichia Coli isolates from Kenya, Catherine Muriuki |
| 1600-1630hrs | Panel Discussion | |

| 1400-1630hrs | Abstract No. | Scientific Session 14: Public Health 2 Venue: Cub Room Chair: Dr. Jacinta Nzinga Co-Chair: Nicholas Mwikwabe Rapporteur: Judy Mwai |
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| 1400-1415hrs | 094 | Evaluation of Community Led Total Sanitation in Lungalunga Sub County October 2017 to September 2019, Mohammed Mwachakure |
| 1415-1430hrs | 095 | Improving Water Sanitation and Hygiene in Public Hospitals, Michuki Maina |
| 1430-1445hrs | 096 | Vitamin D insufficiency is highly prevalent among children living in Africa, Reagan Moseti |
| 1445-1500hrs | 097 | Improving Pre-Analytical Processes Of HIV Viral Load And Early Infant Diagnosis Services Through Laboratory-Clinical Interface, Tobias Oloo |
| 1500-1515hrs | 098 | Assessment of Utilization of Blood Transfusion Services among Medical Patients admitted in Migori County Referral Hospital in 2018, Catherine Menganyi |
| 1515-1530hrs | 99 | Assessment Of Makueni County Healthcare Workers Capacity to Acquire, Summarize and Adopt Research Evidence for Decision Making Processes, Kenya, Kariuki James |
| 1530-1545hrs | 100 | Factors associated with exit of HIV stable patients on Fast track ART refill at Homabay County Teaching and Referral Hospital, November 2014 – December 2018, Corneleous Okal |
| 1545-1600hrs | 101 | Feasibility, implementation and experiences of TB integrated laboratory information management system in a referral lab in western Kenya, Ben Odhiambo |

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| 1600-1630hrs | Panel Discussion | |
| 1400-1700hrs | Symposium 5: New approaches for disease surveillance and discovery Venue: Samburu Organizer/Chair: Dr. John Waitumbi Co-Chair: Rapporteur: Dr. Caroline Kifunde | |
| 1400-1700hrs | Symposium 6: International Multidisciplinary Programme to address Lung Health and TB in Africa (IMPALA Symposium) Venue: Ivory Organizer/Chair: Dr. Hellen Meme Co-Chair: Ms. Barbra Miheso Rapporteur: Ms. Barbra Miheso/ Kendi | |
| | Symposium 7: Knowledge Management Venue: Amboseli Organizer/Chair: Prof. Jennifer Orwa Co-Chair: Ms. Lilian Mayieka Rapporteur: Donfelix Ochieng/Daniel Gitau | |
| DAY 3: FRIDAY FEBRUARY 14th 2020 Venue: Jambo Room PLENARY 7-9 | | |
| 0730-0830hrs | Registration of Delegates | |
| | Session Chair: | Dr. Evans Amukoye |
| | Co-Chair: | Dr. Hellen Meme |
| | Rapporteur: | Dr. Joseph Mwangangi |

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| 0830–0900hrs | Plenary 7: Dr. Thumbi Mwangi “People, their animals and development: Together in sickness and in health” | |
| 0900–0930hrs | Plenary 8: Prof. Graham Devereux – “Early life influences on the life course of non-communicable lung disease” | |
| 0930-1000hrs | Plenary 9: Prof Drake- “School Health and Nutrition: An Investment in Human Capital” | |
| 1000-1030hrs | HEALTH BREAK | |
| SCIENTIFIC SESSION 15,16,17 & SYMPOSIUM 8&9 Parallel Sessions | | |
| 1030-1300hrs | Symposium 8: The Japan-Africa Collaborative Research on Helicobacter Pylori Project. Venue: Ivory Chair: Prof. Yoshio Yamaoka Co-Chair: Prof. Elijah Songok Rapporteur: Ass. Prof. Matsumoto/Dr. Elizabeth Matey | |
| 1030-1300hrs | SYMPOSIUM 9: Hatua Venue: Bogoria Chair: Dr. Langat Co-Chair: Prof. Elizabeth Bukusi Rapporteur: Rosemary Kamuyu | |
| 1030-1300hrs | Abstract No. | Scientific Session 15: SRACH (Sexual, Reproductive, Adolescence and Child Health) (2) Venue: Tsavo Chair: Dr. Betty Njoroge Co-Chair: Dr. Benson Singa Rapporteur: Dr. Joan Olale |

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| 1030-1045hrs | 102 | Healthcare-related stigma experiences among MSM in sub-Saharan Africa: Findings from the HPTN 075 study, Calvin Mbeda |
| 1045-1100hrs | 103 | Morbidity and Mortality of Neonates: Preliminary Findings from Neonatal Register (MOH 373) Within Selected Health Facilities in Kenya, Enock Sigilai |
| 1100-1115hrs | 104 | Community Perceptions on Preterm Births, Practices and Care for Preterm Newborns in Migori County Kenya: Preliminary Analysis of a Qualitative Study, Beatrice Olack |
| 1115-1130hrs | 105 | Prevalence of Self-Reported Sexually Transmitted Infections (STIs) and Associated Factors among Fisherfolk Community in the Islands of Lake Victoria, Kenya, Diana Aluko |
| 1130-1145hrs | 106 | Maternal VL monitoring in PMTCT: coverage and clinical action at 4 Kenyan hospitals, Matthew Sandbulte |
| 1145-1200hrs | 107 | Piloting at-birth HIV DNA PCR testing at four government hospitals in Kenya, Sarah Finocchario-Kessler |
| 1200-1215hrs | 108 | Perception on alternative medicine for children under five years among community members in western Kenya: A qualitative study, Sarah Ngere |
| 1215-1245hrs | Panel Discussion | |
| 1030-1300hrs | Abstract No. | SCIENTIFIC SESSION 16: Public health and Health Systems Venue: Amboseli Session Chair: Dr. Lydia Kibe Co-Chair: Bridget Kimani Rapporteur: Titus Mutwiri |

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| 1030-1045hrs | 109 | Rapid point-of-care testing for genital tract inflammatory cytokine biomarkers to diagnose asymptomatic sexually transmitted infections and bacterial vaginosis in women: cost estimation and budget impact analysis, Angela Kairu |
| 1045-1100hrs | 110 | Use of regression calibration to correct for measurement error in assessment of gestational age in a low-resource setting, George O. Agogo |
| 1100-1115hrs | 111 | Preparedness of primary care and community markets to develop a system interface to drive health equity: The HEKIMA study in Vihiga, Kenya, Lydia Kaduka |
| 1115-1130hrs | 112 | Cost-effectiveness of Kenya's former early infant diagnosis (EID) of HIV guidelines, Segars James |
| 1130-1145hrs | 113 | Avoiding a band-aid solution: Addressing key health determinants as a responsive approach in the implementation of UHC, Sharon Mokuu |
| 1145-1200hrs | 114 | Completeness, accuracy and legibility of Tuberculosis culture test requisition forms with reference to the Laboratory Information System (LIMS) implementation in MOH facilities in Western Kenya, Ronald Odero |
| 1200-1215hrs | 115 | Provider Experience with Implementing Birth Point of Care Infant HIV Testing: An Implementation Study at 4 Rural Hospitals in Kenya, Yvonne Kamau |
| 1215-1230hrs | Panel discussion | |

| 1030-1300hrs | Abstract No. | SCIENTIFIC SESSION 17: Infectious Diseases (2) Venue: Samburu Chair: Dr. Peninah Munyua Co-Chair: Nicholas Mmwikwabe Rapporteur: Stephen Anyona |
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| 1030-1045hrs | 116 | ESBL-producing Enterobacteriaceae among children with and without severe malnutrition at three public hospitals in Kenya Caroline Ogwang |
| 1045-1100hrs | 117 | Cholera Outbreak in Narok County- Kenya, January 2019: A Case Control Study, Judith W Gachau |
| 1100-1115hrs | 118 | Characterization of Shigella species causing disease in children admitted to Kilifi County Hospital, Kenya, Anne Amulele |
| 1115-1130hrs | 119 | Burden of bacterial and parasitic infections in children aged below 16 years in Mukuru informal settlements, Susan Kavai |
| 1130-1145hrs | 120 | Enhanced surveillance for early detection of MERS-CoV in Kenya: findings from returning pilgrims in 2016, Janet Majanja |
| 1145-1200hrs | 121 | Investigation of Unknown Febrile illness in Semi-Arid Region in Kenya, September 2019, Josephine Ihahi |
| 1200-1215hrs | 122 | Infectious Diseases and Poly-Drug Use among Medically Assisted Therapy clients enrolled at Kisauni Clinic, Kenya, January 2017 – December 2018, Nassoro Mwanyalu |
| 1215-1230hrs | 123 | Towards Managing and Controlling Aflatoxin Producers Within Aspergillus Species in Infested Rice Grains Collected from Local Markets in Kenya, Douksouna Youmma |
| 1230-1245hrs | 124 | The Use of Zinc and ORS for Treatment of Childhood Diarrhea in Rural Western Kenya, 2010-2017, George Otieno |
| 1245-1300hrs | Panel discussion | |

VIEWING OF POSTERS ON 11th TO 12th FEBRUARY 2020 DURING COFFEE AND LUNCH BREAK – Dr. Linet Ongeri, Dr. Lydia Kibe and Nicholas Mwikwabe

| SUB THEME | Abstract No | VIEWING OF POSTERS ON 11 th AND 12 th FEBRUARY 2019 DURING COFFEE AND LUNCH BREAK |
|---|-------------|---|
| POSTER SESSION 1 Wednesday 12th February | | |
| Genomics, Diagnostic & Innovative Technologies | 125 | Investigation of Plasmodium falciparum Cytoadherence Proteins Interaction with Sulfated Polysaccharides Containing Anti-malarial Properties, Jennifer Mutisya |
| Genomics, Diagnostic & Innovative Technologies | 126 | Genomic characterization of invasive Salmonella enterica serovar Typhi isolates from Population-Based Infectious Disease Surveillance in Kibera, Kenya, 2007 – 2018, MikePowel Osita |
| Genomics, Diagnostic & Innovative Technologies | 127 | The utility of Taqman Array Card technology for determination of the cause of death in children under 5 years of age in Western Kenya, Fredrick Ade |
| Genomics, Diagnostic & Innovative Technologies | 128 | Prevalence of mutations in Plasmodium falciparum genes associated with resistance to different antimalarial drugs in Nyando, Kisumu County in Kenya, Bryan Musyoka |
| Non-Communicable Diseases (NCD): Diagnosis, Prevention & Control | 129 | The effects of Zinc supplementation in children with sickle cell disease in Western Kenya: a pilot study, Lucas Tina |
| Non-Communicable Diseases (NCD): Diagnosis, Prevention & Control | 130 | Description of drug users enrolled in MEWA(Muslim education and welfare association) Drop in center from October 2017 to September 2019, Kassam Yusuf |

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| Non-Communicable Diseases (NCD): Diagnosis, Prevention & Control | 131 | Baseline Assessment of Occupational Health Exposure Incidents among Laboratory Personnel who attended Biosafety and Biosecurity Trainings in Kenya, 2015 – 2018, Kennedy Yatich |
| One Health, Infectious & Parasitic Diseases | 132 | Profiling of malaria infection in asymptomatic population in Kisumu County, Western Kenya, Benjamin Opot |
| One Health, Infectious & Parasitic Diseases | 133 | Therapeutic response of non-falciparum versus pure falciparum species to ASMQ and AL treatment in Kisumu County, Western Kenya, Gladys Chemwor |
| One Health, Infectious & Parasitic Diseases | 134 | Plasmodium falciparum gametocyte sex ratio in an asymptomatic population: impact on malaria transmission, Raphael Okoth |
| One Health, Infectious & Parasitic Diseases One Health, Infectious & Parasitic Diseases | 135 | Evaluating microscopy performance among trainees trained in Malaria Diagnostics Center in Kisumu, Everlyne E Omondi |
| One Health, Infectious & Parasitic Diseases | 136 | Prevalence of Malaria Infection among ABO Blood Groups within Kenyan Isolates, Redemptah Yeda |
| One Health, Infectious & Parasitic Diseases | 137 | Molecular characterization of P. falciparum multidrug resistance protein 1 (Pfmrp1) SNPs in correlation with in vitro P. falciparum drug sensitivity patterns pre and post-ACTs in Kenya, Winnie Okore |
| One Health, Infectious & Parasitic Diseases | 138 | Comparison of Plasmodium infections between adults and children in Kombewa village, Cornel Arima |
| One Health, Infectious & Parasitic Diseases | 139 | The Role of malaria rapid diagnostic tests in screening of asymptomatic individuals to be enrolled in Clinical Trials, Catherine Sumbi |

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| One Health, Infectious & Parasitic Diseases | 140 | Evaluating the prevalence of Plasmodium parasites among asymptomatic individuals using Microscopy and malaria rapid diagnostic test in kombewa HDSS area, western Kenya, Agneta Ogolo |
| One Health, Infectious & Parasitic Diseases | 141 | A systematic review of Malaria Diagnostics Centre's comprehensive malaria microscopy training coverage in Kenya and beyond, Rose Adeny |
| One Health, Infectious & Parasitic Diseases | 142 | Comparing co-infection of Plasmodium ovale and Plasmodium malariae in symptomatic and asymptomatic individuals in Kombewa HDSS area, Western Kenya. Cephas Aguko |
| One Health, Infectious & Parasitic Diseases | 143 | Co-infection of Plasmodium ovale and Plasmodium falciparum species associated with symptomatic malaria in the endemic region of western Kenya, Jackline Juma |
| One Health, Infectious & Parasitic Diseases | 144 | A trend of in vitro antimalarial performance in a span of ten years during artemisinin combination therapy in Kenya, Agnes Cheruiyot |
| POSTER SESSION 2 Thursday 12th February | | |
| One Health, Infectious & Parasitic Diseases | 145 | Prescription of Antimalarials among Malaria-negative Febrile Patients in an Urban Informal Settlement in Nairobi, Kenya, Terry Komo |
| One Health, Infectious & Parasitic Diseases | 146 | Hepatitis C Virus Infection in People Who Inject Drugs in Mombasa and Kilifi Counties, Rajiv Shah |
| One Health, Infectious & Parasitic Diseases | 147 | Human Rhinovirus associated with hospitalizations in Western Kenya 2014–2015, Clayton Onyango |
| One Health, Infectious & Parasitic Diseases | 148 | Rising prevalence of HIV-1 drug resistance among adults in Busia Border, Kenya, Olipher Makwaga |

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| One Health, Infectious & Parasitic Diseases | 149 | Implementing a 4-tier Quality Control System in an Evidence Based Multiple Focus Integrated Intensified Tuberculosis Screening Study to End TB in Siaya County, Josephine Awino |
| One Health, Infectious & Parasitic Diseases | 150 | Updated CNS-TAC detects Cryptococcus and malaria in previously undiagnosed patients in Kenya, Shirley Lidechi |
| One Health, Infectious & Parasitic Diseases | 151 | Comparing co-infection of Plasmodium ovale and Plasmodium malariae in asymptomatic individuals in Kombewa HDSS area, Western Kenya, Cephas Oyieke |
| One Health, Infectious & Parasitic Diseases | 152 | Discriminating malaria recrudescence and reinfection in a two-arm randomized trial, Brenda Onyango |
| One Health, Infectious & Parasitic Diseases | 153 | Prevalence and associated risk factors of Soil Transmitted Helminths among pregnant women living in Vihiga County Kenya: a cross-sectional study, Sylvie Araka |
| One Health, Infectious & Parasitic Diseases | 154 | Blood-meal preferences of malaria vector populations within a holoendemic setting in Kisumu County, Western Kenya, Risper Maisiba |
| One Health, Infectious & Parasitic Diseases | 155 | Increasing prevalence of Plasmodium ovale during implementation of artemisinin combination therapy, Hoseah Akala |
| One Health, Infectious & Parasitic Diseases | 156 | Carriage of Comamonas kerstersii from asymptomatic participants enrolled in a case-control diarrheal study in Kenya, Janet Ndonge |

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| One Health, Infectious & Parasitic Diseases | 157 | Invasive pneumococcal disease and serotype distribution in children aged less than five years before and after the introduction of 10-valent pneumococcal conjugate vaccine in urban and rural areas of Kenya, Arthur Odoyo |
| One Health, Infectious & Parasitic Diseases | 158 | Genetic Determinants of Extended-Spectrum Beta-Lactamase and Quinolone Resistance in Shigella spp. in Kenya, Ronald Kirera |
| Sexual, Reproductive, Adolescent & Child Health | 159 | The feasibility of using peer mothers to deliver a community-based package of interventions to low birth weight infants post discharge from hospital care in Homa Bay County, Kenya, Helen Nabwera |
| Sexual, Reproductive, Adolescent & Child Health | 160 | Maternal Mental Health and CHAIN, Molline Timbwa |
| Sexual, Reproductive, Adolescent & Child Health | 161 | Intended and actual reasons for exclusive breastfeeding cessation in Naivasha, Kenya, Joyceline Kinyua |
| Natural Products & Alternative Medicines | 162 | Discovery and exploration of dual stage-active antimalarial compounds for development of Plasmodium, Jackson Muema |
| Health Systems Strengthening (Access; Equity; Governance; Financial Protection; e-Health) | 163 | Determinants associated with adherence to mass drug administration guidelines among community health volunteers in three counties in western Kenya, Charity Hungu |
| Health Systems Strengthening (Access; Equity; Governance; Financial Protection; e-Health) | 164 | Accessibility and Affordability to Healthcare for Children with Severe Acute Malnutrition: Mapping Patients' Costs, Rebecca Njuguna |