



In Search of Better Health

IITH KASH CONFERENCE FULL PROGRAM

KASH CONFERENCE
Disseminating Health Research

TUESDAY 8TH JUNE 2021		
TIME	OFFICIAL OPENING SESSION & KEYNOTE ADDRESS	
0900 - 0915hrs	Conference overview: Chair of KASH Organizing Committee, Prof. Charles Mbogo	
0915 - 0925hrs	Welcome remarks: Ag. Director General and CEO, KEMRI Prof. Samuel Kariuki	
0925 - 0935hrs	Remarks & Welcoming of the Chief Guest: Chair, KEMRI Board of Management, Dr. Daniel M. Mbinda	
0935 - 0955hrs	Address and Official opening by Chief Guest: Dr. Mercy Mwangangi, Chief Administrative Secretary Ministry of Health	
0955 - 1010hrs	BREAK	
1010 - 1035hrs	Opening Key Note Address: Dr. Zulu Eliya “Strengthening Health Systems in Kenya through Research, Pandemic Preparedness, Technology and Innovations in the post COVID-19 era.”	
1035 - 1235hrs	Cochrane Kenya Launch	
Session Chair	Dr. Evans Amukoye	
Moderator	Dr. Veronica Manduku	
Monitor	Dr. Damaris Matoke-Muhia	
1235 - 1400hrs	BREAK	
AFTERNOON: SCIENTIFIC SESSION 1-4		
Time (EAT)	Abstract No	Scientific Session 1: Pandemic Preparedness, Surveillance Response and Travel Medicine VENUE: Room 1 Moderator: Dr. Konongoi Limbaso Monitor: Dr. Erastus Mulinge
1400 - 1415hrs	01	Adaptations and Lessons Learnt from Remote Research Data Collection During the COVID-19 Pandemic in Busia and Mandera Counties in Kenya; Melvine Obuya
1415 - 1430hrs	02	Factors that influenced the control of covid-19 in border counties, Schiller Mbuka
1430 - 1445hrs	03	Researchers’ experience on diary data collection during Covid-19 pandemic; Esther Shiraho
1445 - 1500hrs	04	Health-care workers’ perspectives on preparedness for outbreak of communicable diseases at Kericho County referral hospital, Kericho County; Abigail Ng’etich
1500 - 1515hrs	05	Surveillance of Mosquito Vectors for Febrile illnesses control in Kenya 2009-2019; Fredrick Eyase
1545 - 1600hrs	Panel Discussion	

Time (EAT)	Abstract No	Scientific Session 2: Adaptive & Resilient Health Systems I VENUE: Room 2 Moderator: Bridget Kimani Monitor: Kelvin Thiong'o
1400 - 1415hrs	06	Access to Cancer Care in Kenya: Patients, Caregivers and Health Provider's' Perspectives, Mercy K. Njeru
1415 - 1430hrs	07	Transitioning from the Use of Chlorine-Based Disinfectants to Enzymatic Detergents for Cleaning and Disinfection of Reusable Medical Instruments, A case study of Nyandarua County, Hellen Wambui
1430 - 1445hrs	08	Project experiences in development of an online knowledge translation platform that supports evidence use among counties health managers in Kenya, James Kariuki
1445 - 1500hrs	09	Health System Response to Covid 19 in Border Counties in Kenya, Doreen Mitaru
1545 - 1600hrs	Panel Discussion	
Time (EAT)	Abstract No	Scientific Session 3: Drug & Vaccine Development VENUE: Room 3 Moderator: Dr. Joseph Mwangangi Monitor: Caroline Wandera
1400 - 1415hrs	10	Antimycobacterial activities, cytotoxicity and phytochemical screening of extracts for three medicinal plants growing in Kenya, Robi Chacha
1415 - 1430hrs	11	Potent antiviral activity of white kidney beans (<i>Phaseolus vulgaris</i>) extract against human influenza A virus, Julian Makau
1430 - 1445hrs	12	In silico physicochemical, pharmacokinetic and toxicity analysis of antiplasmodial abietane diterpenoids isolated from <i>Clerodendrum eriophyllum</i> Gurke, Beatrice Irungu
1445 - 1500hrs	13	Has commonly used Cold herbal decoction (Dawa) turned to be COVID-19 home made herbal remedy? A review of its use, Sabina Wachira
1500 - 1515hrs	14	Synthesis of Silver Nanoparticles Using Dichloromethane- Methanol Flower Extract of <i>Chrysanthemum cinerariaefolium</i> and Its Antibacterial Activity, Caroline Kosgei
1515 - 1530hrs	15	Antiplasmodial activities of Extracts of <i>Securidaca Longipedunculata</i> Fresen (Polygalaceae) in Combination with Artemether and Lumefantrine, Douglas Ochora
1530 - 1545hrs	16	Toxicity Studies, Sun Protection Factor And Antioxidant Activity Of Selected Plants Used In The Treatment Of Skin Infections In Uganda, Murungi Moses
1545 - 1600hrs	Panel Discussion	

Time (EAT)	Abstract No	Scientific Session 4: Infectious Diseases I VENUE: Room 4 Moderator: Prof. Charles Mbogo Monitor: Dr. Cecilia Mbae
1400 - 1415hrs	17	Occurrence in Kenya of <i>Vibrio cholerae</i> O1 El Tor variants carrying both Classical and El Tor type ctxB, Martin Bundi
1415 - 1430hrs	18	Distribution and trends of antimicrobial resistance in clinical ESKAPE-E pathogens from Kenyan hospitals (2015 – 2020), Lillian Musila
1430 - 1445hrs	19	Determination of <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> antimicrobial resistance and virulence factors and their association with clinical and demographic factors in Kenya, Martin Omondi
1445 - 1500hrs	20	Durability of Viral Suppression in HIV-1 patients on Combined Antiretroviral Therapy, Edward Maina
1500 - 1515hrs	21	Description of Rift Valley Fever in the Kenya Livestock and Wildlife Syndromic Surveillance System, Narok County-Kenya, 2018-2019, Erenius Nakadio
1545 - 1600hrs	Panel Discussion	
WEDNESDAY 9TH JUNE 2021 PLENARY TALKS		
0830 - 0900hrs	Plenary 1: Prof. Kariuki Njenga, BVM, PhD “Tracking the Middle East Respiratory Syndrome Coronavirus (MERS-COV) among camels and humans in the Horn of Africa”	
0900 - 0930hrs	Plenary 2: Prof. Fredrick Chite Asirwa, MD “Strengthening Public Health System for Integrated Cancer (& NCD Control) through Innovative Access & Sustainability Model	
0930 - 1000hrs	Plenary 3: Dr. Benjamin Tsofa “Leveraging on Long-Term Research-Decision makers Collaboration to Facilitate Evidence used the Covid-19 Pandemic Response	
Session Chair	Prof. Elijah Maritim Songok	
Moderator	Dr. Doris Njomo	
Monitor	Bridget Kimani	
1000 - 1015hrs	BREAK	

SCIENTIFIC SESSIONS 5- 8		
Time (EAT)	Abstract No	Scientific Session 5: NCDs – Prevention, Diagnosis & Care VENUE: Room 1 Moderator: Dr. Vera Manduku Monitor: Dr. Linus Ndegwa
1030 - 1045hrs	22	Interpersonal psychotherapy delivered by nonspecialists for depression and posttraumatic stress disorder among Kenyan HIV-positive women affected by gender-based violence, Linnnet Onger
1045 - 1100hrs	23	Cancer Associated Opportunistic Fungal Infections In Patients Attending Selected Oncological Clinics In Kenya, Sally Loronyokie
1100 - 1115hrs	24	Spectrum Of Opportunistic Fungal And Bacterial Pathogens In Cancer Patients At Texas Cancer Centre, Nairobi Kenya. Rebeccah Mutembule
1115 - 1130hrs	25	Understanding the risk factors of type 2 diabetes and lived experiences of diabetes risk in Nairobi, Kenya, Anthony Manyara
1115 - 1130hrs	26	Self-reported symptoms and their influence on help seeking for cancer care in Kenya: A mixed methods study, Sharon Moku
1130 - 1145hrs	27	Treatment outcome among Medically-Assisted Therapy clients, Mombasa-Kenya, Nassoro Mwanyalu
1200 – 1215hrs	Panel Discussion	
Time (EAT)	Abstract No	Scientific Session 6: Diagnostics, Genomics & Innovations VENUE: Room 2 Moderator: Dr. Damaris Matoke-Muhia Monitor: Kelvin Thiong'o
1030 - 1045hrs	28	Comparison of Quantitative Polymerase Chain Reaction, Kato-Katz and Circulating Cathodic Antigen Rapid Test for the Diagnosis of Schistosoma mansoni Infection: A cross-sectional study in Kirinyaga County, Kenya, Bernard Chieng
1045 - 1100hrs	29	Assessment of Plasmodium falciparum Resistance to Piperaquine in Western Kenya using Piperaquine Survival Assay and Molecular Marker Analyses, Duncan Wakoli
1100 - 1115hrs	30	Profiling Trends in Susceptibility to Frontline Antimalarials in Kenya between 2008-2021 through Sustained Regional Surveillance, Duncan Wakoli
1115 - 1130hrs	31	Molecular signatures of severe acute infections in Hospitalised children, Jacqueline Waeni
1115 - 1130hrs	32	Design, Optimize and Compare Loop Mediated Isothermal Amplification (LAMP) and Helicase Dependent Amplification (HDA) Assays, for point-of-care detection of Wuchereria bancrofti DNA in human blood in Tana River Delta, Coastal- Kenya, Nancy Kinyatta
1130 - 1145hrs	33	Impact of COVID -19 diagnostic services on HIV viral load (VL) and Early Infant Diagnosis (EID) turn-around-time (TAT) in a reference testing laboratory in Kenya, Josephine Wambani
1200 – 1215hrs	Panel Discussion	

1030 - 1045hrs	Abstract No	Scientific Session 7: Sexual Reproductive, Adolescent & Child Health (SRACH) VENUE: Room 3 Moderator: Dr. Joseph Mwangangi Monitor: Bridget Kimani
1045 - 1100hrs	34	Systemic inflammation is negatively associated with early post discharge growth following acute illness among severely malnourished children - a pilot study, James Njunge
1100 - 1115hrs	35	School re-entry for adolescent mothers in Sub-Saharan Africa (SSA): Policy-practice-need gaps, Caroline Jones
1115 - 1130hrs	36	Biomarkers of late post-discharge mortality among children treated for complicated severe malnutrition, Cecilia Wechessa
1115 - 1130hrs	37	Contribution of Health Workers and Patient Factors to Adherence to Appointments in Antenatal Clinics In Homa Bay and Kisumu County Referral Hospitals, Kenya, Shadrack Opon
1130 - 1145hrs	38	Clinical Outcomes among Adolescents With Perinatal Acquired HIV Infection in Western Kenya, Valarie Opollo
1145 - 1200hrs	39	HIV risk behaviors among retail pharmacy clients seeking sexual and reproductive health services in Kenya, Magdaline Asewe
1200 – 1215hrs	Panel Discussion	
Time (EAT)	Abstract No	Scientific Session 8: Public Health I VENUE: Room 4 Moderator: James Kariuki Monitor: Doris Night
1030 - 1045hrs	40	Participation in methadone program improves antiretroviral uptake and HIV suppression among people who inject drugs in Kenya, Loice Mbogo
1045 - 1100hrs	41	Regional differences in HIV and hepatitis C prevalence among sexual and injecting partners of persons who inject drugs in Kenya, Betsy Sambai
1100 - 1115hrs	42	Affordable House Floors to Control Tungiasis, Lynne Elson
1115 - 1130hrs	43	Swollen Limbs Among Communities Of Keumbu Area, Nyaribari Chache Sub-County, Kisii County: Is The Area Endemic for Lymphatic Filariasis and Podoconiosis?, Mariam Macharia
1115 - 1130hrs	44	Barriers of uptake of Trachoma Trichiasis (TT) surgeries among women with Trachoma Trichiasis (TT) in North Pokot Sub County, West Pokot County, Kenya, Victoria Ochwal
1130 - 1145hrs	45	A STORY OF SIGNIFICANT CHANGE: Caesarean Sections Service Improvements – Case of Kitui County Referral Hospital, James Kariuki
1145 - 1200hrs	Panel Discussion	
1215 - 1400hrs	BREAK	

AFTERNOON: SCIENTIFIC SESSION 9 -11 & SYMPOSIUM 1		
Time (EAT)	Abstract No	Scientific Session 9: Adaptive & Resilient Health Systems II VENUE: Room 1 Moderator: Dr. Steve Wandiga Monitor: Jacqueline Mutai
1400 - 1415hrs	46	Pilot implementation of Short Message Service for randomisation in a multisite pragmatic factorial clinical trial in Kenya, Mercy Terer
1415 - 1430hrs	47	Implementation of an Online Training Portal for Training of Research Staff: Experiences from a Multi-site Pragmatic Randomised Controlled Trial, Lynda Isaaka
1430 - 1445hrs	48	Characteristics and factors associated with transmission of HIV from mother to child and evaluation of surveillance system, Murang'a county, Robert Kuria
1445 - 1500hrs	49	Examining the implementation of HIV prevention policies in private retail pharmacies in Kenya, Audrey Mumbi
1500 - 1515hrs	50	Increase of Skilled Delivery as a Result of Holding Monthly Maternity Open Days in Bungoma County, James Kariuki
1545 - 1600hrs	Panel Discussions	
Time (EAT)	Abstract No	Scientific Session 10: Infectious Diseases II VENUE: Room 2 Moderator: Dr. Konongoi Limbaso Monitor: Dr. Erastus Mulinge
1400 - 1415hrs	51	Understanding the role of health workers in the Lymphatic Filariasis elimination program in Kenya: Challenges faced and suggestions for improved program performance, Bridget Kimani
1415 - 1430hrs	52	Bioefficacy and durability of Olyset Plus, a piperonyl butoxide and permethrin-treated insecticidal net, in a 3-year long trial in Kenya, Paul Gichuki
1430 - 1445hrs	53	Factors leading to slow decline of worm burden among primary school children in endemic counties of Kenya: a cross-sectional study of prevalence and intensity, Janet Masaku
1445 - 1500hrs	54	Modeling the Interruption of the Transmission of Soil Transmitted Helminths Infections in Kenya: Modeling Deworming, Water and Sanitation Impacts, Collins Okoyo
1500 - 1515hrs	55	Aedes aegypti control intervention: Barriers to community-based trash collection, disposal and recycling in Ukunda, Kwale County, Kenya, Lydia Kibe
1515 - 1530hrs	Panel Discussions	

Time (EAT)	Abstract No	Scientific Session 11: COVID-19 Pandemic & Social dynamics VENUE: Room 3 Moderator: Dr. Doris Njomo Monitor: Duke Isaboke
1400 - 1415hrs	56	Socio-economic status and knowledge on Covid-19 prevention measures in the border Counties of Busia and Mandera, Kenya, Ismail Ahmed
1415 - 1430hrs	57	Effect of covid-19 pandemic response measures on social life in two border counties of Kenya, Priscilla Maiga
1430 - 1445hrs	58	Temporal trends of SARS-CoV-2 seroprevalence in transfusion blood donors during the first wave of the COVID-19 epidemic in Kenya, Sophie Uyoga
1445 - 1500hrs	59	COVID-19 Outbreak Investigation and Response in Nyeri County Kenya, 2020, Tabitha Waweru
1500 - 1515hrs	60	Understanding how COVID-19 pandemic influenced pharmaceutical care services: a qualitative study of retail pharmacy providers' and clients' experiences in Thika, Kenya, Peter Mogere
1515 - 1530hrs	61	A Description of Covid-19 Cases in Nyeri County, Kenya, January 2021, Julius Debe
1530 - 1545hrs	62	COVID-19 investigation and response in Uasin Gishu County, Kenya, Elias Lentilai
1545 - 1600hrs	Panel Discussions	
1400-1600hrs	Symposium 1: Knowledge Management VENUE: Room 4 Moderator: James Kariuki Monitor: Angie Kide	
BREAK		
THURSDAY 10TH JUNE 2021 PLENARY TALKS		
0830 - 0900hrs	Plenary 1	Prof. Lukoye Awoli MBChB, MMed Psych, PhD “The baseline of mental health of health workers in Kenya during the Covid-19 pandemic
0900 - 0930hrs	Plenary 2	Dr. Emma Orefuwa “ Gaps in Diagnostics and Antifungal Therapies in Africa
Session Chair	Dr. Lubano Kizito	
Moderator	Dr. Joseph Mwangangi	
Monitor	Jacqueline K. Mutai	
0930 - 1015hrs	BREAK	
	SCIENTIFIC SESSION 12 - 13 and Symposium 2 & 3	

Time (EAT)	Abstract No	Scientific Session 12: Infectious Diseases III VENUE: Room 1 Moderator: Dr. Joseph Mwangangi Monitor: Jacqueline Mutai
1030 - 1045hrs	63	A Systematic Review of Health and Wellbeing in older adults living with HIV in sub-Saharan Africa, Patrick Mwangala
1045 - 1100hrs	64	Evaluation of Tuberculosis treatment outcomes between clinically and bacteriologically diagnosed patients: a cohort study, Moses Ngari
1100 - 1115hrs	65	Serological evidence of chronic pulmonary aspergillosis in tuberculosis patients in Kenya, Abdi Mohamed
1115 - 1130hrs	66	Mycological food safety: Aflatoxins and Mycotoxins contamination and distribution in the Kenyan Cereals, Richard Korir
1115 - 1130hrs	67	Physico-Chemical and Microbial Quality of Bottled Drinking Water sold in Embakasi Central, Nairobi, Kenya, Gloria Magut
1130 – 1145hrs	Panel Discussions	
Time (EAT)	Abstract No	Scientific Session 13: Public Health II VENUE: Room 2 Moderator: Dr. Doris Njomo Monitor: Dr. Linus Ndegwa
1030 - 1045hrs	68	HEALTH STORIES-OF-SIGNIFICANT CHANGE: a novel approaches towards eradication of open defecation in Kibwezi East Sub-County, Makueni County, Marygorret Musau
1045 - 1100hrs	69	Sickle cell disease - the patient's perspective, Sophie Uyoga
1100 - 1115hrs	70	Salt Iodization and Urinary Iodine Concentration Levels among Primary School Children in Mt. Elgon Sub-County, Kenya, Stephen Onteri
1115 - 1130hrs	71	Cancer and social pain in Kenya: Perspectives of patients, survivors and care-givers, Lilian Nyandieka
1115 - 1130hrs	72	High Iodine Deficiency In Pregnant Women In Mt. Elgon, Bungoma County, Kenya, Philip Ndemwa
1130 - 1145hrs	73	A STORY OF SIGNIFICANT CHANGE - Stigma in EMTCT clients in Taveta Sub-County Hospital, Constance Lezen
Time (EAT) 1030 - 1215hrs	Symposium 2: NAPREDA VENUE: Room 3 Moderator: James Kariuki Monitor: Bridget Kimani	
Time (EAT) 1030 - 1215hrs	Symposium 3: Biotechnology Moderator: Dr. Damaris Matoke-Muhia Monitor: Dr. Erastus Mulinge	
Closing Ceremony		