

**27TH MEDICAL LABORATORY SCIENTIFIC AND EXHIBITION CONFERENCE
FOR THE ASSOCIATION OF KENYA MEDICAL LABORATORY SCIENTIFIC
OFFICERS (AKMLSO)**

PROGRAMME

**Date: 24th – 27th May, 2022
Acacia Premier Hotel – Kisumu City**

PAPER TITLE	AUTHOR	DISCIPLINE	TIME
DAY 1 TUESDAY 24TH MAY 2022			
MICROBIOLOGY			
Characterization of Common Circulating Acinetobacter Associated with Surgical Site Infection in a Level 4 Hospital in Western Kenya.	Seth Shikuku	MICRO 001	8.30–8.40am
Point Prevalence Survey of Antimicrobial Use At Kitale County Hospital	Nancy Koech	MICRO 002	8.45- 8.55am
Prevalence and Antimicrobial Susceptibility Patterns of Urinary Tract Infections Among Patients Attending Makeni County and Referral Hospital-Kenya	Carolyne Nzomo	MICRO 003	9.00-9.10am
Antibiotic Susceptibility Patterns of Bacterial Pathogens Isolated from Patients at Bungoma County Referral Hospital from 2020 to 2021	Joan Wasike	MICRO 004	9.15– 9.25am
Prevalence and Antibiotic Resistance Patterns of <i>Klebsiella Species</i> among Patients in Murang'a County Hospital	Cecilia Ndungu	MICRO 005	9.30 – 9.40am
Adoption of World Health Organizations Multimodal Infection and Prevention Strategy in Building a Robust Hospital IPC Programme-A Case Study of Sena H/C, Homabay County in May and October 2021.	Juma Geoffrey	MICRO 006	9.45-9.55am
Anti-Microbial Resistance and Antimicrobial Stewardship Programs	Sophy Nteere	MICRO 007	10.00– 10.10am
Cost of Treatment and Management of Patients with Multidrug-Resistant Organisms; A Case of Post-Caesarian Surgical Site Infections Patient at Kitale County Hospital	Henry Ogaro	MICRO 008	10.15-10.25am
TEA BREAK & EXHIBITION 10.30 – 11.00am			
ELSMed Healthcare Solutions	ELSMed Representative		11.00–11.30am

Role of Microbiology Lab in Control and Mitigation of AMR	Prof. Revathi – Guest Speaker		11.30-12.00pm
Symposium by BD			12.00 – 1.00pm
LUNCH BREAK & EXHIBITION: 1.00pm – 2.00pm			
MICROBIOLOGY WORKSHOP - BREAK AWAY ROOM Fight AMR with Quality Systems in Microbiology			2.00-4.30pm
Mask use among Health Care Workers and Effectiveness of Infection Prevention Control Continuous Medical Education. Ndhiwa Sub County Hospital Case Scenario	James Okuthe	MICRO 009	2.00-2.10pm
Preterm Neonatal Sepsis: Antimicrobial and Resistant Gene Characterization of Bacterial Pathogens among Preterm Neonates at Kitale County Hospital New-Born Unit, Western Kenya	Evelyne Kweyu	MICRO 010	2.15-2.25pm
BioQuest			2.30-2.40pm
Methicillin-Resistant Staphylococcus as the Possible Cause of Sepsis-Bungoma County Experience	David Maelo	MICRO 011	2.45-2.55pm
Capacity of laboratories as surveillance sites for Neisseria gonorrhoeae culture and antimicrobial resistance or susceptibility testing in public hospitals within Kisumu County, Kenya	Walter Agingu	MICRO 012	3.00-3.10pm
Determinants of MDR.TB in Homa-Bay County	Judith Niver	MICRO 013	3.15-3.25pm
Prevalence of Surgical Site Infections at Nyeri Provincial General Hospital.	Marion Kobia	MICRO 014	3.30-3.40pm
Roche Diabetes			3.45-4.00pm
Roche Diagnostics			4.00-4.30pm
TEA BREAK & EXHIBITION 4.35-5.30pm			
DAY 2 – WEDNESDAY, 25TH MAY 2022			
BIOSAFETY& BIOSECURITY			
Stepwise Laboratory Capacity Improvement in Building a Robust Laboratory Biosafety Biosecurity Framework in Routine Diagnostic Services: Lessons from Kendu Sub County Hospital, Kenya	Gabriel Kotewas	BI 015	8.00 – 8.10a.m.
Improved Biosafety and Biosecurity Measures And/or Strategies to	Shadrack Wechuli	BI 016	8.15– 8.25a.m.

Tackle Laboratory-Acquired Infections and Related Risks During and After Covid-19 Pandemic 2020-2021			
Improving Biosafety Practices through Training; Outcomes of Biosafety Training for Lab Officers in 5 Counties of Western Region.	Sarah Jebitok	BI 017	8.30-8.40a.m.
Outcome of Biosafety and Biosecurity Training to Laboratory Personnel in Response to Emerging Infectious Pandemic Diseases in Kenya	Eric Opiyo	BI 018	8.45-8.55a.m.
Safe Phlebotomy Practices in Infection Control in the Covid-19 Period at Moi Teaching and Referral Hospital, Eldoret.	Reuben Letting	BI 019	9.00-9.10a.m.
Multimodal strategy for infection prevention and control: Implementation Assessment in Homa bay, Kenya and its application to laboratory Biosafety	Evelyne Akinyi Mbogo	BI 020	9.15-9.25a.m.
Establishment of a Bachelor's degree course in Biosafety and Biosecurity at Masinde Muliro University Needs Assessment Survey,2022	James Wakungwi Sakwa	BI 021	9.30-9.40a.m.
Use of Biosafety Cabinet and clean air	Chemoquip Ltd		9.40- 10.10am
TEA BREAK & EXHIBITION: 10.15-10.45a.m.			
QUALITY ASSURANCE			
Impact of KAIZEN Implementation on TAT in the Nairobi Hospital Laboratory	Lucy Kamau	QA 022	10.45-10.55am
MOLECULAR			
Characterization of Hepatitis B Viral Genotypes and their Associated Sero-Virological Markers among Patients Attending MTRH Liver Clinic	Caroline Wangui	ML 023	11.00-11.10a.m.
PCR-based identification of five sexually transmitted pathogens in clinical specimens in a tertiary health facility: Implications for appropriate treatment.	Ephuntus Mbugua	ML 024	11.15-11.25am
Adherence to Infection Prevention and Control Measures to COVID-19 Among Health Care Workers During December 2021 in Homabay County, Kenya	Joseph Adoyo	ML 025	11.30-11.40am

Rapid Scale up of COVID-19 Testing in Kenya: the positive impact of SLMTA	Charity Maina	ML 026	11.45-11.55a.m.
Highridge Pharmaceuticals Ltd./Dirui	Conference Platinum Sponsor		12.00-1.00pm
LUNCH & EXHIBITION: 1.00pm – 2.00pm			
Key note speaker	Mr. Simon Rugera- Snr. Lecturer Mbarara University, Uganda		2.00-2.30pm
OPENING CEREMONY			
Chief Guest	H.E Prof. P. Anyang Nyong'o- Governor Kisumu County		
TEA BREAK & EXHIBITION 4.30 - 5.30PM			
DAY 3 – THURSDAY, 26TH MAY 2022			
HAEMATOLOGY AND BLOOD TRANSFUSION			
Impact of COVID-19 Pandemic on the Pattern of Blood Donation and Blood Safety: Experience from Public Hospitals in Bungoma County, 2021.	Elizabeth Nyongesa	HBT 027	8.00-8.10a.m.
Association between Haematological Parameters and Sickle Cell Genotypes in Children with <i>Plasmodium Falciparum</i> Malaria Resident in Kisumu County in Western Kenya	Paul Kosiyo	HBT 028	8.15-8.25a.m.
Hemostatic Activities of Methanolic Leaf Extracts of <i>Croton megalocarpus</i> Hutch and <i>Lantana camara</i> Linn.	Hezron Muindi	HBT 029	8.30-8.40a.m.
Rational Use of blood transfusion services	Linet Namusasi	HBT 030	8.45-8.55a.m.
Characterization hemoglobin variants in the context of hemoglobinopathies HbS and thalassaemia in Kenyan infants	Johnstone Makale	HBT 031	9.00-9.10a.m.
Effect of Covid-19 On Blood Transfusion: The case of Nairobi County, 2022	James Gichuki	HBT 032	9.15-9.25a.m.
Presentation by Boule Medical	George Kiruki		9.30 – 10.00a.m.
TEA BREAK & EXHIBITION: 10.00 – 10.30a.m.			
PARASITOLOGY			
Demonstrate Malaria High Positivity Trend in Children Age Between 5-14 yrs as Compared to Other Age Group	Calvince Omollo	P 033	10.30- 10.40a.m.
Trans Nzoia County Malaria	Evelyne Kweyu	P 034	10.45-10.55a.m.

Microscopy Diagnosis Competency and Mentorship Survey 2022; Preliminary Findings.			
Corona Virus Disease (Covid-19)	Dr. Edwin Walong' – Guest Speaker		11.00-11.35a.m.
Crown Ltd Presentation	Crown representative		11.40.-12.10pm
Capacity to Conduct Infectious Disease Surveillance: An Investigation of Suspected Malaria Outbreak in the Epidemic-Prone Elgeyo Marakwet, Kenya	Aricha Stephen	P 035	12.15-12.25pm
New approaches to malaria diagnosis and management	Victorine Ngetich - Guest speaker		12.30-12.55pm
LUNCH BREAK & EXHIBITION: 1.00 -1.45pm			
Effect of Supportive Supervision and Mentorship on Malaria Microscopy Competencies among Laboratory Staff in Sirisia Sub County, Bungoma County	Benson Onyango	P 036	1.50-2.05pm
Red Blood cell tension protects against severe malaria in the Dantu blood group	Brian Tawa	P 037	2.05-2.15pm
Lumiradx LTD	Lumiradx Representative		2.20-2.50pm
VIROLOGY			
Sometimes I Think That I Will Get the Vaccine and Die: Reasons For COVID-19 Vaccine Hesitancy and Willingness among Health Care Workers and the General Public in Webuye, 2021.	Lilian Musotsi	VI 038	2.55 – 3.05pm
How RT –CQI Process and Participation in HIV Proficiency Testing EQA has Improved Quality of HIV Testing in Homa Bay County	Michael Okidi	VI 039	3.10-3.20pm
Optimization of SARS-CoV-2 Artic Primers and Whole Genome Sequencing Protocol: Lessons	Anorld Lambisia	VI 040	3.25-3.35pm
BD Symposium			3.40 - 4.40pm
TEA BREAK & EXHIBITION 4.45-5.45pm			
DAY 4 FRIDAY - 27TH MAY 2022			
Sample Referral by Use of Riders in the Times of Covid19, a Case of Homabay County.	Vincent Towett	VI 041	8.00-8.10am.
Positivity Rate of Hepatitis B Virus in Homa Bay County Blood	Francis Oduka	VI 042	8.15-8.25a.m.

Transfusion Satellite between Jan 2021 to Feb 2022			
Knowledge, Attitudes and Behaviors Towards Corona Virus Amongst Health Care Providers in Government Hospitals in Bungoma County, 2020.	Vincent Tieni	VI 043	8.30-8. 40am.
Cholera outbreak: antibiofilm activity, profiling of antibiotic resistant genes and virulence factors of toxigenic Vibrio cholerae isolates reveals concerning traits	Silas Awuor	VI 044	8.45-8.55am.
Outcomes of Hub spoke model in sample management – a case of Masaba South sub county, Kisii County	Bernadette Msagara	VI 045	9.00-9.10a.m.
HIV Rapid Testing Continuous Quality Improvement Implementation in The Context of Covid 19 Within Homa Bay County. (RTCQI)	Felix Omondi	VI 046	9.15-9.25a.m.
Prevalence of Covid-19 Positivity in Samples Tested at Tertiary Healthy Facility in Terms of Age and Gender.	Mary Solomon	VI 047	9.30-9.40a.m.
Quality Indicators as a Tool for laboratory performance Evaluation at Clinical Trials Laboratory in KWTRP	Caroline Ngetsa	MQA 048	9.45-9.55am
Covid 19 RT PCR Positivity Correlation with Allied Lab Tests Across Age Groups – A Retrospective Analysis from a Tertiary Referral Laboratory.	Dr. Bhavya Saxena	MQA 049	10.00-10.10am
TEA BREAK & EXHIBITION: 10.10-10.45am			
STUDENTS FORUM	Moderator, Hellen Ogolla		10.45-11.45am
CLOSING CEREMONY	AKMLSO NEC Chairman		11.50 -1.00pm
LUNCH - 12.00- 1.00pm			
EXCURSION	Conference Social Committee		2.00 – 5.00pm