



Medical Laboratory Scientists' Association of Tanzania (MeLSAT)

**39th MeLSAT Scientific
Conference, Exhibition
and AGM**

Mbeya

 **22nd - 25th September 2026**

Theme:

**Investing in Laboratory Science and Technology for
Quality and Sustainable Laboratory Services.**

City Garden Park | Mbeya

The background of the entire image is a monochromatic blue-tinted photograph of laboratory glassware. In the foreground, a large Erlenmeyer flask is partially filled with liquid, with a glass rod or stirrer inserted into it. To the right of the flask is a graduated cylinder, also containing liquid. On the left side, a rack holds several test tubes, some of which are filled. The lighting creates highlights and shadows on the glass surfaces, giving a sense of depth and texture. The overall aesthetic is clean and scientific.

Conference **DAY ONE**

22nd September 2026

Time	Event	Speaker/Presenter	Moderator/chair-person
07:30 - 08:30	Registration and Networking	All	Local Organizing committee
08:30 -08:40	Welcome Remarks		Chairman MeLSAT Mwanza Region
08:40 - 08:50	Word from PO-RALG	HLS PO RALG	General Secretary -MeLSAT
08:50 – 09:00	Word from Ministry of Health	MoH	General Secretary -MeLSAT
Keynote Address			
09:00 – 09:20	Laboratory services as the backbone of health systems: Challenges and Opportunities	Prof.Martha Mushi	Shekha Silim and Emmanuel Lyimo
09:20 – 09:40	The role of laboratory-based surveillance in health sector (AMR)	Mr. Mzelifa Daud	
09:40 – 10:00	Artificial Intelligence at the Frontline: Transforming Laboratory Diagnostics and Patient Outcomes	Mr. Benard Okamo	
10: 00 – 10:20	Advanced molecular technologies in diagnosis of infectious pathogens	Mr. Simon P. Rugera	
10:20 – 10:35	Panel Discussion	All	
10:35 – 11:10	Health Break & Exhibition	All	
Sub- theme: Antimicrobial Resistance and Laboratory Based Surveillance			
11:10 – 11:22	Prevalence, Antibigram Susceptibility Profile And Factors Associated With Helicobacterpylori Infections At Kitwe Hciv Ntungamo District, A Cross Sectional Study	Vulstan James Shedura	Shaban Mziray
11:22 – 11: 34	Co-occurrence and importance of AmpC and extended-spectrum betalactamases-producing gram-negative bacilli in clinical specimens at a Tertiary Hospital in Dar es Salaam, Tanzania	Mecky Matee	
11:34 – 11: 46	The Prevalence and Demographic Risk Factors of Hepatitis B Virus Among Voluntary Blood Donors at Haydom Lutheran Hospital, Tanzania: A Cross-Sectional Study	Matayo Kwaslema	
11:46 - 11:58	Co-Infection Of High-Risk Human Papillomavirus With Hepatitis B Virus, C.Trachomatis And N. Gonorrhea In Young Tanzanian Women	Anifrid Mahenge	

12:10 - 12:22	kjSero-prevalence of Herpes Simplex Virus type 2 (HSV-2) in relation to HIV-1 and Syphilis infection among women in Mbeya, Tanzania	Miri Mcharo	
12:22 -12: 35	Discussion, Q & A	All	
12:35 - 12:45	Company Presentation	Crown Healthcare ltd	Ngatunga steve/ Peter Mwevila
12:45 – 01:15	Commercial film advert/Company presentation	SCIENTIFIC GROUP TEAM	
01:15 – 01:35	Company Presentation	ANUDHA LTD TEAM	
01:35 – 01:50	Company Presentation	RFB TEAM	Dr. George
01:50 -02:50	Lunch Break & Exhibition		
02:50 - 03:05	Exhibitor Presentation	SNIBE TEAM	Mwevila Peter and Ngatunga Steve
03:05 – 03:20	Exhibitor Presentation	KAS Medics TEAM	
03:20 – 03:35	Panel Discussion	INQABA BIOTEC TEAM	
03:35 - 03:45	Exhibitor Presentation	Phomas Diagnostics	
03:35 - 03:45	Exhibitor Presentation	Hypermed Healthcare	
Sub- them: Quality Management system (QMS) and Outbreak Investigation			
04:00 – 04:12	Assessing the effectiveness of integrated sample referral system in Tanzania: Insights from a Nationwide Study	Peter Torokaa	Peter Mashosho
04:12 – 04:24	Integrated Diagnostic Evaluation of Mycobacterium tuberculosis, HIV early Infant diagnosis and HIV Viral Load Using GeneXpert Technology across 18 Selected Regions of Mainland Tanzania	Lilian Njovu	
04:24 – 04:36	Strengthening Proficiency Testing Programs in Tanzania: Updates from the National Public Health Laboratory Dar es Salaam, Tanzania	Allan Kelvin	
04:36 – 04:48	Mpox Outbreak Response Investigation in Mayuge District, 24th – 31st August, 2024. Lessons from the field	Wilfred Opeli	
05:00 – 05:12	Responding to cholera outbreak in the Mtwara Region, Tanzania: Lessons learned, effective strategies, and scalable recommendations for broader impact	Vulstan James Shedura	
05:12 – 05:30	Discussion, Q & A		

Conference
DAY TWO

23rd September 2026

07:30 - 08:30	Registration and Networking	All	Organizing committee
08:00 – 08:12	Serum Gamma-glutamyl Transferase and its Association with Cognitive Impairment among the Elderly in Isingiro District in Southwestern Uganda	Hope Mudondo	Libenanga Shaban And Severine Kilulya
08:12 – 08:24	Characterization of mycobacteria isolates using TB Bioline Mpt64 Assay at Central TB Reference Laboratory in Dar es Salaam, Tanzania.	Edda Ferdinand	
08:24 – 08:36	The Potential for Missed Detection of Mycobacterium Tuberculosis in Resource- Limited Health Facilities Using Ziehl-Neelsen Staining Compared to Auramine - Rhodamine Fluorescence technique	Saul Kalivubha	
08:36 – 09:00	Discussion, Q & A		
09:00 – 10:00	Coffee Break & Exhibition Walk-through		
OPENING CEREMONY 10:00 to 13:00			
13:00 – 13:20	SYMPOSIUM	Anudha TEAM	Ndeonasia Towo
13:20 –13:35	Company Presentation	Sciex Manufacturer	
13:35 –14:35	Lunch Break and Exhibition Walkthrough		
14:35 – 14:45	Exhibitor Presentation		Yusuph Mukama
14:45 – 15:00	Exhibitor Presentation	Encomedics Team	
15:00 – 15:12	Effects of Wuchereria bancrofti infection on CD4 T-cell responses to specific and non-specific antigens	Jacklina Mhidze	
15:12 – 15:24	Foxp3 and p53 expression in prostate carcinoma and their correlation with histological grades among archived tissue blocks at uganda cancer institute	Nuwashaba Nicholas	
15:24 – 15:34	The Performance Evaluation of QIAamp Viral Mini Kit for Extracting High Quality Human Papillomavirus Deoxyribonucleic Acid from Cervical Swabs	Sefania Mwangajilo	
15:34 – 16:00	Panel Discussion	All	
16:00 – 17:00	Breakout Sessions TRACK A and B	All	
	Exhibition walk-through & Networking	All	



Conference
DAY THREE

24th September 2026

07:30 - 08:00	Registration	All	Secretariat
08:00 – 08:12	Molecular characterization of Schistosoma haematobium group species in Northwestern Tanzania: Implications for One Health Strategies	Edd Ferdinand	Minihaji Makange and Mussa Msami
08:12 – 08:24	Rapid Deployment and Performance of a Mobile Biosafety Level-3 Diagnostic Laboratory During the 2025 Marburg Virus Outbreak in Tanzania	Peter Richard Torokaa	
08:24 – 08:36	Advancing Diagnostic Innovations In The Era of AI, Antimicrobial Resistance, Genomics, Accreditation Standards, Emerging and Re-Emerging Diseases, and the One Health System	Vulstan James Shedura	
08:36 – 08:48	Distribution of MTB Loads Among TB Patients Tested Using Xpert MTB/RIF Ultra assay at Kibong'oto Infectious Diseases Hospital in Kilimanjaro	Saul Kalivubha	
08:48 – 09:00	Cardiometabolic Risk among Voluntary Walk-In Participants during Laboratory Week: A Cross-Sectional Community-Based Study		
09:00 – 10:00	PHLB AND HLPC SYMPOSIUM	Registrar PHLB and HLPC	
10:00 – 11:00 Vising exhibition Booth, Networking and Tea Break			INQABA TAMELASA
11:00 – 11:30	Biorad EQA session	All	
11:30 – 12:30	Students Forum	All	
LUNCH BREAK			
12-30 - 14: 00	Hematological Indices and Zeiss Microscope Technology	Anudha Ltd and Dymind	Peter Mwevila
14: 00 - 15:00	Discussion	All	

Conference **DAY FOUR**

25th September 2026



07:30 - 08:00	Registration	All	Secretariat
08:00 – 10:00	ANNUAL GENERAL MEETING & EXHIBITION	Edd Ferdinand	Minihaji Makange and Mussa Msami
TEA BREAK			
10:00 – 12:30	ANNUAL GENERAL MEETING & EXHIBITION	Vulstan James Shedura	
12:30 – 14: 30	Lunch Beak ,Visiting exhibition Booth and Networking		
14:30 – 16:00	MeLSAT General Election	All	Election Committee
Closing Ceremony			