

APHL has been active in Kenya since 2005, working in close partnership with the Ministry of Health (MoH), the National Public Health Laboratories (NPHL), the Kenya National Public Health Institute, the Kenya Medical Research Institute (KEMRI), the US Centers for Disease Control and Prevention and other national stakeholders. APHL supported the development of Kenya's first NPHL Strategic Plan 2014–2019 and the Laboratory Capacity Mapping 2017–2020, and has since played a key role in strengthening laboratory systems nationwide. Other activities include laboratory information system (LIS) implementation, development, design and rollout of remote HIV viral load/Early Infant Diagnosis, biosafety and biosecurity trainings, leadership and workforce development, and establishment of the National Equipment Calibration Center of Excellence and field evaluation of panbio Covid-19 rapid test kit.

APHL is currently supporting a range of strategic public health initiatives, including LIS strengthening and integration with national surveillance platforms for disease outbreak, strengthening of PCR molecular testing, quality management systems towards ISO 15189:2022 accreditation, implementation of the Applied Science Hub (ASH) activities, technical assistance on wastewater-based surveillance for multipathogens, decentralization of mpox molecular testing at regional laboratories, and supporting a diagnostics and laboratory systems program at KEMRI to strengthen diagnostic operations and data reporting.

MPOX WES STUDY

Wastewater environmental surveillance (WES) is a surveillance approach that complements traditional case-based surveillance. APHL is supporting the implementation of an mpox WES study across four selected sites along the truck drivers' corridor. Activities include logistical support as well as the setting up of the data management system for this study.



The KEMRI team on a sample collection site at Salga–Nakuru county.

AMR WORKSHOP AT KEMRI

ASH Antimicrobial Resistance (AMR) workshop on genotyping and phenotyping characterization of AMR isolates took place at KEMRI. A total of 17 participants drawn from KEMRI and MoH facilities participated and completed the training.



APHL's senior laboratory specialist, Beatrice Oduor, looking over as participants do practical work in the laboratory.

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