

Translating Science into Health Impact

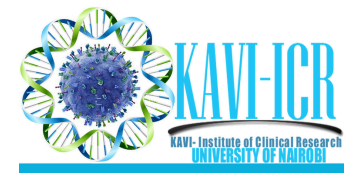


Our Vision To be an institute of excellence in health research, innovation, and knowledge translation.

Shaping a future where African science leads bold, equitable health solutions.



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KAVI - Institute of Clinical Research

A leading platform for clinical trials, vaccines and health innovation



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About Us

KAVI-Institute of Clinical Research (KAVI-ICR), a centre of excellence in the Faculty of Health Sciences at the University of Nairobi, advances transformative health research, innovation, and training across Africa.

Founded through pioneering HIV vaccine studies, KAVI-ICR has grown into a multidisciplinary institute leading work in clinical trials, immunology, One Health, and data-driven science, translating discoveries from bench to bedside for real-world impact.

Our Innovation Hub connects research and technology, from biomaterials and diagnostics to digital health delivering scalable, homegrown solutions for African communities.

Rooted in scientific citizenship, we cultivate ethical, skilled, and socially responsive scientists building bold, inclusive, and resilient health systems for generations to come.

Thematic Areas

- Clinical & Translational Research
- Immunology & Basic Science Discovery
- Implementation & Health Systems Research
- One Health & Environmental Integration
- Data Science, Genomics, & AI
- Innovation & Technology Translation
- Scientific Citizenship & Training

Our Mission is to discover, apply and disseminate knowledge through creative and innovative health research.



- **Modern Research Facilities**
- **Expert Scientists & Clinicians**
- **Innovation for Impact**

What We Offer

- KAVI-ICR unites discovery, innovation, and training across laboratory, clinical, and community platforms.
- **Advanced Laboratories** 10x Genomics single-cell systems · Oxford Nanopore sequencing · Bio-Rad CFX96 qPCR · MSD electrochemiluminescence for precision immunology, genomics, and biomarker discovery.
- **Clinical & Digital Research** GCP-certified trials, community engagement, and secure data systems (LIMS, REDCap, eCRF) enabling multi-site, AI-powered analytics.
- **Innovation & Training Ecosystem** Transforming science into diagnostics, vaccines, biomaterials, and data-driven solutions that strengthen health and climate resilience across Africa.