



***In Search of Better Health***

**Global event on enhancing the sustainability of investment for vaccine manufacturing in Africa.**

**27-29 June 2023**

**United Nations Conference Centre, UNECA, Addis Ababa, Ethiopia**

**Presentation of opportunities for investment and partnerships on vaccines and biopharmaceuticals**

***A. Who we are, & what we do***

Kenya Medical Research Institute (KEMRI) is a State Corporation established in Kenya as the national body responsible for carrying out research in **human health in Kenya**.

KEMRI boasts a staff of nearly 4000 and has a national and regional footprint

KEMRI Mandate:

1. Conduct health, biomedical and public health research for human health.
2. Build human health research capacity.
3. Collaborate and partner with other local and international research bodies and institutions in carrying out human health research and capacity building.
4. Advise the responsible Ministry in matters pertaining to health research policies and priorities.
5. Undertake scientific and technological innovation as well as in the discovery, transmission and enhancement of knowledge and stimulate the intellectual life in the economic, social, cultural, scientific, and technological development.
6. Establish incubation centers for innovation, and link research, policymakers, academia, and industry in the health products value chain

***B. What are we offering***

1. ***Workforce Development: Biomanufacturing Training Hub for capacity building and talent development:***
  - Expertise, infrastructure, and technical know-how in various research areas Including state-of-the-art laboratories, Modern equipment e.g. Nextgen sequencers and oligo-synthesizers clinical trial facilities, and data repositories.
  - Access to KEMRI's innovative technologies, including vaccine candidates, diagnostic tools, and therapeutic approaches.
  - Opportunities for technology licensing and transfer to interested partners for further development and commercialization.

- Collaborative efforts to adapt and optimize existing technologies for specific regional or global healthcare needs.

### ***2. Feasibility Studies and Clinical Trials Platform:***

- KEMRI can facilitate and conduct feasibility studies to assess the viability and potential impact of vaccine and biopharmaceutical projects.
- Collaboration in conducting preclinical studies, formulation development, and safety evaluations.
- Opportunities to leverage KEMRI's expertise in designing and implementing clinical trials.
- Access to diverse patient populations and disease cohorts for efficient and comprehensive clinical research.

### **3. Policy and Regulatory Support:**

- KEMRI can provide guidance and support in navigating policy and regulatory frameworks related to vaccine and biopharmaceutical development.

### **4. Data and Analytics**

- Access to KEMRI's extensive data resources, including epidemiological data, clinical trial data, and genomic databases.
- Collaboration in data analysis, bioinformatics, and data-driven insights for improved decision-making in vaccine and biopharmaceutical development.

## ***2. What are we looking for***

### **a) Funding and Investment to support:**

- Building a workforce with critical manufacturing skills and capabilities and expertise in local research and development
- Opportunities for public-private partnerships to secure sustainable funding for long term clinical trials and the development of innovative vaccines and pharmaceutical products
- Financial investment to strengthen KEMRI's research infrastructure to support end-to-end vaccine manufacturing ecosystem.

### **b. Business Partnerships:**

- Opportunities for technology transfer and licensing agreements to accelerate the translation of KEMRI's research findings into viable commercial products.
- Interest in co-development projects to create mutually beneficial products and technologies

### **c. Technology Providers:**

- Collaborations to leverage emerging technologies like artificial intelligence, machine learning, and blockchain to streamline research processes, improve vaccine development, manufacturing processes and vaccine delivery systems
- Partnerships to enhance KEMRI's capabilities in areas such as genomic sequencing, bioinformatics, data analytics, and manufacturing processes

**Contact:** Prof. Elijah Songok, Ag. Director General, KEMRI; [director@kemri.go.ke](mailto:director@kemri.go.ke)  
**Website:** <https://www.kemri.go.ke/>