

## EDCTP2/EAACR2-MALARIA NODE

- Coordinated from KEMRI-Wellcome Trust Programme
- Involves the 5 countries under EACCR consortium-Kenya, Uganda, Tanzania, Ethiopia and Sudan
- **Institutions-**
- KEMRI-Wellcome Trust programme,
- USAMRU-Kisumu
- Maseno University
- NIMR-Tanga and Kilimanjaro Christian Research Institute,
- Uganda Virus Research Institute
- Institute of Endemic Diseases-Sudan
- Gazere University-Sudan
- Jimma and Gonda Universities in Ethiopia

## **EDCTP/EAACR2-MALARIA NODE**

### **OBJECTIVE:**

To strengthen Regional Research coordination through infrastructure and capacity building for the conduct of malaria research(Epidemiological and clinical trials)

- Networking
- Upgrade of less developed sites
- Refresher training on malaria diagnosis
- Support Msc students
- Conduct multisite epidemiological and entomological studies to enable identify malaria hot spots

# EDCTP/EAACR2-MALARIA NODE

- Carry out a retrospective analysis of paediatric malaria admission from hospital registers
- Introduction of clinical surveillance in various hospitals in each country to define in more detail the clinical phenotype of malaria disease.

Other proposed studies:

- Hospital based survey of hyperactive malaria splenomegaly in Gonda, Ethiopia
- Clinical assessment of *Plasmodium Vivax* chloroquine resistant in East Gojan, Ethiopia.

## **EDCTP2/EAACR2- MALARIA NODE**

### **Deliverables for year 1**

1. Retrospective analysis of paediatric admissions in the following hospitals:

Kenya- Voi, Taveta, Kombewa and Siaya hospitals

Uganda- Nsambya and Masaka hospitals

Ethiopia- Metema, Felege-Hiwot, Jimma University Teaching hospital and Shemen Gibe referral hospital

Tanzania-Handeni hospital in Tanga and Ujiji hospital in Kigoma

Sudan- not yet identified but consulting with Prof Nour of BNICD.

## **EDCTP2/EAACR2- MALARIA NODE**

### **Deliverables for year 1**

2. Introduction of clinical surveillance in at least one hospital in each country for a period of one year.
3. Malaria microscopy and molecular technique training- proposed for June 2018. Microscopy training to be done at the Malaria diagnostic Centre in Kisumu, Kenya and the molecular techniques training to be done in Sudan.
  - We are in the process of doing a detailed budget to determine number of participants.
4. Masters of Science support-plan to identify students on MSc for support in research and thesis preparation. These will be students already registered with various Universities and require support for their research projects. Proposals should have been reviewed and approved by the University and other relevant committees.

## PREVIOUS ACHIEVEMENTS

### **Site upgrades:**

- Siaya District Hospital, Kenya- Laboratory Equipment- Euros 5,423.74
- BNNICD, Sudan- Laboratory equipment(Euros 5,350)
- Maseno University, Kenya- Laboratory equipment. (Euros 6,982.51)
- UVRI Level II, Uganda- Laboratory equipment. (Euros 4,586.45)
- Taveta District Hospital, Kenya- Renovations of building.)
- NIMR Kilosa- IT server
- Jimma University – 2 Laptop plus accessories
- Nsambya hospital – 1 printer, ;laptop, projector and desktop computer
- Video conference – KEMRI Kilifi
- 1 desktop and printer – Siaya Hospital (for the ethics committee)
- 2 desktp computers and printer- KEMRI Kilifi
- Lap top, 2 desktop computers and printers to Taveta hospital

## PREVIOUS ACHIEVEMENTS

### Training:

- Grant writing workshop at Tanga- 10 participants
- Malaria PCR training
- Microscopy training
- Msc training support

Laboratory upgrades in sister institutions