

CREC/LSHTM Collaborative Research Programme

First GLP-certified Facility in vector control product evaluation in West Africa



Newsletter

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CREC/LSHTM raising the bar for evaluation of vector control products in West Africa !

CREC/LSHTM (Benin) has become the first research center in the West African region and the second on the African continent to receive the OECD Good Laboratory Practice (GLP) accreditation in vector control product evaluation. This is a laudable achievement and only reveals the priority and value the CREC/LSHTM team places on the quality of its services. The accreditation was awarded by the South African National Accreditation System (SANAS) on the 17th of January, 2019 after a rigorous 2-year journey. In preparation for GLP, the CREC/LSHTM team developed over 200 Standard Operating Procedures (SOPs), renovated and improved the quality of the insectary, laboratory and field site facilities and established a rigorous staff training system and quality assurance programme. CREC/LSHTM appreciates the support of IVCC towards the achievement.

Agrochemical companies thinking about performing studies in GLP accredited facility where reliability, repeatability and auditability of results from vector control product evaluation can be guaranteed? CREC/LSHTM is up to the task! We look forward to working with our invaluable partners to deliver high quality data on the efficacy of novel vector control products in line with the WHO pre-qualification requirements. We evaluate vector control products (LLINs, IRS, repellents, etc) in WHOPES phase 1, 2, 3 studies.

To celebrate this precious achievement, a party was held in Cotonou on 2nd March 2019 with distinguished guests coming from Research Institutions in Benin and local universities.



Prof Akogbéto, Head of CREC (Left) and Dr Ngufor, Facility Manager of CREC/LSHTM (Right) presenting the GLP certificate during the celebration party

CREC/LSHTM awarded \$ 3.6 million to conduct a RCT on new generation LLINs in Benin, West Africa

This Randomised Controlled Trial (RCT) is funded by UNITAID through IVCC and will be conducted in 3 districts in central Benin (Cove, Zagnanado and Ouinhi) where malaria vectors are resistant to pyrethroid insecticide. The study area consists of approximately 30,000 households and a population size of 165,000. The primary objective of this research is to evaluate the efficacy of 2 novel dual active Ingredient LLINs (Royal Guard- a net combining pyriproxyfen and alpha-cypermethrin and Interceptor G2- a mixture LLIN incorporating chlorfenapyr and alpha-cypermethrin) in a community on malaria epidemiology outcomes. The trial will take place over 3 years (2019 – 2022). Details on progress of the study will be communicated in subsequent newsletters.

ABOUT US | The CREC/LSHTM Collaborative Research Programme is a research partnership set up in 2003 between the London School of Hygiene & Tropical Medicine in the UK and the Centre de Recherche Entomologique de Cotonou, Ministry of Health in Benin. The partnership has extensive experience in the evaluation of vector control products to WHO standards and is largely funded by the Bill & Melinda Gates Foundation (BMGF) through the Innovative Vector Control Consortium (IVCC), the WHO and chemical companies.

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