

## Call for application for the recruitment of one PhD student

As part of a project entitled: **Strengthening local capacity for malaria surveillance and elimination in Africa** awarded to the Pan-African Mosquitoes Control Association (PAMCA) by the Bill and Melinda Foundation and led in Cameroon by the Centre for Research in Infectious Diseases (CRID), we are launching a call for application addressed to young students, residing in Cameroon, for **one PhD project**.

**The successful applicant will be working on a 3-year project focused on the development of new tools for next-generation malaria surveillance by exploring the modulation of salivary gland proteins expression by Plasmodium parasites.** This will involve various aspects such as mosquito biology, experimental infections, transcriptomics and proteomics analyses using RNA sequencing, iTRAQ technology, SDS-PAGE and western blot analyses.

### REQUIREMENTS

- The applicant must have completed a Master's degree in the past 3 years in Biochemistry, Microbiology, Biology or any other biomedical field.
- He/she must demonstrate competences in either molecular biology, biochemistry, entomology, epidemiology and statistics. Skills on proteomic analysis techniques such as appreciable level in oral and written English would be valuable.
- The candidate will be fully involved in study design, field expedition, laboratory work and any other task associated to the project.
- He/she must be able to critically analyze his project, integrate, collaborate and interact with a multi-disciplinary research team.
- The project will be carried out in the CRID laboratory in Yaoundé.

The application must be addressed and sent to [crid@crid-cam.net](mailto:crid@crid-cam.net) and should include (in unique PDF):

- **Updated detailed curriculum vitae;**
- **A letter of motivation;**
- **Academic transcripts;**
- **A support letter from previous supervisor.**

**Application deadline: June 15<sup>th</sup>, 2021.**

Shortlisted candidates will be called for an **interview** on the **28<sup>th</sup> June 2021**.

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