

## CALL FOR APPLICATIONS

<b>POST</b>	<b>Post-Doctoral Research Assistant in Vector-parasites interactions</b>
<b>CONTRACT</b>	Full-Time, Fixed-term appointment for up to 36 months subject to meeting project milestones
<b>REFERENCE NO</b>	
<b>REPORTS TO</b>	Dr Cyrille NDO
<b>ROLE PURPOSE/SUMMARY</b>	<p>The CRID seeks to appoint 01 post-doctoral research assistant to work with Dr Ndo on a Wellcome Trust funded project that aims to investigate impact of metabolic resistance to pyrethroids on the vectorial competence of <i>Anopheles funestus</i> using various approaches such as experimental infections, transcriptomic (RNAseq, Gene Ontology and KEGG Pathways analysis), and functional genomics (RNAi and qRT-PCR).</p> <p>The suitable candidate must hold a PhD or be an advanced PhD student in biological sciences with a solid background in one of the following domain:</p> <ul style="list-style-type: none"> <li>• parasitology,</li> <li>• mosquito vector biology or,</li> <li>• insect immunity,</li> </ul> <p>additional background in transcriptomics (RNAseq/qRT-PCR, Gene Ontology, KEGG analysis etc), functional genomics or molecular genetics will be much appreciated.</p> <p>The Successful applicant will be encouraged and supported to pursue an independent career by applying to personal fellowship or grants building on CRID success in supporting its scientists to obtain various fellowships including Wellcome Trust, FLAIR royal Society, GCRF and NIH.</p>

<b>Main Duties &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Assist the Principal Investigator in designing research activities including field and lab works;</li> <li>• Contribute to the analysis, synthesis and communication of research findings and disseminate findings through high-quality presentations, reports, and publications in peer-reviewed scientific journals;</li> <li>• Supervise a team of master and PhD students, and other support staff towards achieving project deliverables;</li> <li>• Develop additional research questions and assist in the planning and preparation of research proposals;</li> <li>• Any other duties commensurate with the grade and nature of the role.</li> </ul>
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### PERSON SPECIFICATION

Criteria	Competencies	Essential/ Desirable	Assessment
Education & Training	<ul style="list-style-type: none"> <li>• PhD (or be an advanced PhD student) in biological sciences or related field</li> </ul>	E	Application Form/CV
Experience	<ul style="list-style-type: none"> <li>• Experience in the design and execution of parasitological/epidemiological studies</li> <li>• Strong molecular biology lab skills</li> <li>• Experience in insect immunity</li> <li>• Experience working with insect vectors</li> <li>• Experience with bioinformatics/analyses of transcriptomics data</li> </ul>	<p>E</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p>	Application Form, Assessment and Interview

	<ul style="list-style-type: none"> <li>• Experience with functional genomics</li> <li>• Experience in working on insect vectors is desirable</li> </ul>	D	
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Skills & Abilities	<ul style="list-style-type: none"> <li>• Very strong analytical skills. Ability to identify problems and suggest viable solutions.</li> <li>• Independent ability to lead and undertake research.</li> <li>• An ability to collaborate with a variety of disciplines including vector biology, epidemiology and parasitology.</li> <li>• Excellent verbal and written communication skills, with the ability to communicate at all levels.</li> <li>• Excellent organizational skills.</li> <li>• Team player</li> <li>• Flexible attitude to work</li> <li>• Ability to generate research ideas</li> <li>• Ability to provide high quality training and supervision to technical staff</li> </ul>	E	Assessment and Interview
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Knowledge	<ul style="list-style-type: none"> <li>• Knowledge of modern molecular biology approaches.</li> </ul>	E	Assessment and Interview
Special Aptitude	<ul style="list-style-type: none"> <li>• Enthusiastic approach to work</li> </ul>	E	



	<ul style="list-style-type: none"> <li>• Ability to use initiative and work independently.</li> </ul>	E	Assessment and Interview
	<ul style="list-style-type: none"> <li>• Willingness to travel</li> </ul>	E	

### APPLICATION INSTRUCTIONS

A letter of motivation

An updated and detailed curriculum vitae

A photocopy of the ID card

At least one recommendation letter

For advanced PhD student, provide a proof that the defense will take place within the next 6 months

<b>Working conditions</b>	Full time, 40 hours per week.
	Fixed Term 36 months
<b>How to Apply</b>	Send your application in one PDF file to <a href="mailto:crid@crid-cam.net">crid@crid-cam.net</a>
<b>Deadline for applications</b>	<b>27<sup>th</sup> January 2021</b>
<b>Interview date for preselected candidates</b>	<b>04<sup>th</sup> February 2021</b>
<b>Starting date</b>	<b>15<sup>th</sup> February 2021</b>