

Curriculum Vitae

PERSONAL INFORMATION

First name/ Surname	First names : Jean Leon	
	Surname: Mugenzi	
Address	PO Box:63, Buea, Cameroon	
Telephone(s)	+237679937719	Mobile: +23769314086
Fax		
E-mail	mugenzijean007@hotmail.fr	
Nationality	Rwandian (in Cameroun since 1995)	
Residence	Buea- Cameroon	
Date of birth	17 Novembre 1989	
Gender	Male	Marital status: Single

EDUCATION AND TRAINING

PhD student	From 2016 till now
University of Buea, Cameroon	
Dissertation title	Transcriptional regulation of insecticide resistance conferring genes in <i>Anopheles funestus s.s.</i>

Date	From 2012 to 2015
Title of qualification awarded	MSc Molecular Diagnostics Science
Dissertation title	Allele Frequency Distribution At Two STR Loci CSF1PO And TPOX Used In Human DNA Identification Among The Bantu Population Of The Southwest Region Of Cameroon
Organisation	University of Buea, Cameroon
Grade	A
Date	From 2009 to 2012

Title of qualification awarded	BSc Biochemistry
Dissertation title	comparison of protein content in breast milk and infant formula
Principal subjects	Molecular Biology, Chemistry and Medical Laboratory technology
Grade	Second class upper
Organisation	University of Buea, Cameroon

Date	2009
Title of qualification awarded	General Certificate of Education Examination advance Level

Grade	14 points								
Organisation	English High school Yaounde								
Trainings and Workshops									
Date	2013								
Title of qualification awarded	Training certificate Module 1 on TRREE								
Date	2017								
	3 months Internship at Imperial college UK at CRISANTI lab								
Date	2017								
	Phylogenetics workshop								
Publications									
	<ul style="list-style-type: none"> Weedall, G. D., Mugenzi, L. M., Menze, B. D., Tchouakui, M., Ibrahim, S. S., Amvongo-Adjia, N., ... & Riveron, J. M. (2019). A cytochrome P450 allele confers pyrethroid resistance on a major African malaria vector, reducing insecticide-treated bednet efficacy. <i>Science Translational Medicine</i>, 11(484), eaat7386. Riveron, J. M., Tchouakui, M., Mugenzi, L., Menze, B. D., Chiang, M. C., & Wondji, C. S. (2018). Insecticide resistance in malaria vectors: An update at a global scale. In <i>Towards Malaria Elimination-A Leap Forward</i>. IntechOpen. 								
Conferences									
Oral presentations	<ul style="list-style-type: none"> 4th PAMCA annual conference in Bobo – Dioulasso, BURKINA FASO 2017 5th PAMCA annual conference in Victoria Falls, Zimbabwe 2018 7th MIM conference 2018 LSTM scientific conference on The role of vector control in disease elimination 2018 								
EXPERIENCES									
Research experiences									
Date	2014 and 2015								
Title of the project	Application of onchocerca volvulus infective stage larvae (L3) for the development of diagnostics, chemotherapeutics and vaccines to support onchocerciasis elimination.								
Position held	Project coordinator								
Main activities and responsibilities	Supervisor, management, in charge of survival of Black fly under laboratory conditions.								
Name and address of employer	ANDI center of excellence, Biotechnology unit, Faculty of Science, University of Buea								
COMPETENCES									
Personal skills and competences									
Mother tongue	English								
Other language	French								
Self-assessment	<table border="1"> <thead> <tr> <th>Understanding</th> <th>Speaking</th> <th>Writing</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Understanding	Speaking	Writing			
Understanding	Speaking	Writing							

European level

English

Listening		Reading		interaction		Production			
B2	Independent user	B2	Independent user	B1	Independent user	B2	Basic user	B2	Independent user

Social skills and competences

2013-2015

President of Cameroon association of Molecular Diagnostics scientists” (education of association)

Technical skills and competences

Fields: General Biochemistry, Microbiology, Molecular biology, Immunology, Parasitology, Vector biology and Control, Bioinformatics.

Methods and techniques: Chromatography, Electrophoresis, PCR, ELISA, cryopreservation, tissue culture, Luciferase assay, mosquito rearing.