



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6525

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di _Bioscienze**

Scientist- in - charge: **Prof. Marta Mendes**

[Name and surname]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Alinda Khamala
Name	Alfred

PRESENT OCCUPATION

Appointment	Structure
Senior Biosafety Officer	National Biosafety Authority

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Biotechnology	Masinde Muliro University of Science and Technology	2015
Specialization			
PhD			
Master	Molecular Biology	Masinde Muliro University of Science and Technology	2021
Degree of medical specialization			
Degree of European specialization			
Other			



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
2022	Biorisk Management of Kenya	Nairobi
2022	International Federation of Biosafety Associations	Ontario

FOREIGN LANGUAGES

Languages	level of knowledge
English	Expert
Swahili	Expert
Luhya	Expert

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2023	International Federation of Biosafety Association's Youth Certification Fellowship

TRAINING OR RESEARCH ACTIVITY

<p>Metaviromics in Potato and Maize in Kenya: Researched on RNA viruses infecting three crops in Kenya in a bilateral project between Kenya and South Africa.</p> <p>Trained and certified in Biorisk Management, Biological risk assessment, Risk Analysis, Containment & confinement, environmental risk assessment, food safety assessment, biosafety regulatory framework, socioeconomic consideration and PCR Maintenance, callibration, use and troubleshooting.</p> <p>Trained in molecular biology and biotechnology</p>
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PROJECT ACTIVITY

Year	Project
2018-2021	Metaviromics in Maize, sweet and irish potatoes
2019	SARS-CoV 2 Molecular Clock and Zoonosis
2020	Molecular Modelling of the insecticide-binding Voltage gated sodium chanells of fall armyworm

PATENTS

Patent



CONGRESSES AND SEMINARS

Date	Title	Place
2018	Proposal writing workshop	Masinde Muliro University of Science and Technology
2021	Genome editing workshop	National Biosafety Authority
2021	Roundtable meeting on Agriculture biotechnologies	AATF
2022	GeneConvene Workshop	GeneConvene
2023	African Biogeneome Project	AfriBP
2024	Genomics Workshop	International Livestock Research Institute

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
Molecular Modelling of Insecticide Binding Sites of the Voltage-Gated Sodium Channels of Fall Armyworm (<i>Spodoptera frugiperda</i>). DOI: 10.21608/EAJBSA.2021.187543. APA CITATION; Gichere, S., Khamala, A. , Ambutsi, M., Khakame, K., Patrick, O. (2021). Molecular Modelling of Insecticide Binding Sites of the Voltage-Gated Sodium Channels of Fall Armyworm (<i>Spodoptera frugiperda</i>). Egyptian Academic Journal of Biological Sciences. A, Entomology, 14(3), 35-49. doi: 10.21608/eajbsa.2021.187543.
SARS-CoV-2 Molecular Clock and Zoonosis. https://doi.org/10.5897/JGMV2020.0078 . APA Citation: ALINDA, A. K. , AMBUTSI, M. J. , KAKAI, S. K. , & OKOTH, P. K. (2020). SARS-CoV-2 Molecular Clock and Zoonosis. Journal of General and Molecular Virology, 10(1), 1-8
Next Generation Sequencing Platforms for Potato Virus Hunting, Surveillance and Discovery. https://doi.org/10.5897/JBR2020.0307 . APA Citation: Alinda, A. K. , Okoth, P. K. , Onamu, R. , David, R. , Thompsons, G. , & Muoma, J. O. (2020). Next generation sequencing platforms for potato virus hunting, surveillance and discovery. African Journal of Bacteriology Research, 12(1), 1-11.
Robotics and 3D Printing Technologies in Practice-Oriented Teaching. Towards PracticeOriented Higher Education for Sustainable Rural Development in Western Kenya. Proceedings of the final workshop of the DAAD-funded project ProUniEdu-WeK Brandenburg an der Havel, August 10-12th, 2021. Patrick Okoth, Alfred Alinda , Savinda Gichere, Mike Ambutsi, Christian Toralf Weber, Thomas Schrader, Dietmar Wikarski. https://www.researchgate.net/publication/357380948 .

Congress proceedings
Robotics and 3D Printing Technologies in Practice-Oriented Teaching. Towards PracticeOriented Higher Education for Sustainable Rural Development in Western Kenya. Proceedings of the final workshop of the DAAD-funded project ProUniEdu-WeK Brandenburg an der Havel, August 10-12th, 2021. Patrick Okoth, Alfred Alinda , Savinda Gichere, Mike Ambutsi, Christian Toralf Weber, Thomas Schrader, Dietmar Wikarski. https://www.researchgate.net/publication/357380948 .



[title, structure, place, year]

[title, structure, place, year]

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: _Nairobi-Kenya, 21st March 2024