

1. PERSONAL INFORMATION

Full name: HADIJA MUSSA ALLY	Contact address: P.O. Box 1433
Date of birth: 29 th May 1981, Dar es salaam	Mwanza – Tanzania
Sex: Female	Mobile phone: +255 753 786 977 +255 713294874
Marital status: Marriage	E- mail: musahadya@gmail.com

2. EDUCATION

- 2016 – 2019: PhD molecular entomology, Reunion university, Reunion Island, France
“Genetic diversity and structure of the superabundant whitefly populations, vectors of viruses causing diseases of cassava in three East African countries (Malawi, Tanzania, and Uganda)
- 2010-2013: Msc. Crop Science (Plant Breeding), Sokoine University of Agriculture, Morogoro- Tanzania.
- 2004-2007: Bsc. Biotechnology and laboratory Science, Sokoine University of Agriculture Morogoro- Tanzania.

3. WORKING EXPERIENCE

- 2010 to present: Agriculture Research Officer, Tanzania Agriculture Research Institute (TARI) based at Ukiriguru, Mwanza, working in the roots and tuber department.
- 2008-2010: Laboratory Scientist at Muhas-Harvard (Muhimbili) collaborative research in Dare es Salaam– Tanzania, worked on plasma separation for proteomics study, viral load and drug resistance.
- 2007-2008: Quality controller at Bakhresa food Product Company limited, Dar es Salaam– Tanzania responsible on the quality of semi and finished products.

Main duties on the current position

- ❖ Coordinates Sweetpotato Genetic Advances and Innovative Seed system project (SweetGAINS) in Tanzania.
- ❖ Working on Cassava Whitefly Control for Sustainable Food Security in Sub-Saharan Africa project (ACWP)
- ❖ Train farmers and extensionists on sweetpotato and cassava diseases control and management and good agricultural practices.
- ❖ Field sampling (whiteflies) and other data collection
- ❖ Writing technical reports
- ❖ Writing research proposals

4. RELEVANT FIELD PRACTICAL PROFESSIONAL EXPERIENCE

- ❖ Molecular biology technics: DNA and RNA extraction from whiteflies and plants materials, amplification of the product (PCR), sequencing and genotyping.
- ❖ Plant tissue culture
- ❖ Biochemical analysis

5. TRAINING AND SHORT COURSES ATTENDED

- ❖ International Training Course on Chickpea agronomic management and germplasm Maintenance held at ICRISAT – Nairobi Kenya September 2013.
- ❖ International Training course on Molecular Systematics, DNA Barcoding and Bioinformatics held at Sokoine University of agriculture Morogoro, Tanzania August 2013
- ❖ International course on Training of trainers on Everything you ever wanted to know about Sweetpotato held at Morogoro, Tanzania July 2013.
- ❖ Second international whitefly symposium held Arusha, Tanzania February 2016
- ❖ International course on Cassava Whitefly Mass Rearing, Molecular Characterization and use of e-data capture tools which was organized by NaCCRI- Kampala, Uganda February 2017.
- ❖ Virtual statistical training on phenotypic modeling of multi environment trials organized by CIP from November 22 to 26, 2021.

6. COMPUTER KNOWLEDGE AND SKILLS

- ❖ Analytical Package/ Statistical programme: population genetics software (genepop, genetix, Arlequin), R- studio, MSTAT C, Genstat and SPSS
- ❖ Competent in Microsoft Office applications (MS Word, Excel, power point & Internet Surfing and Searching)

7. PUBLICATION

1. Ally et al. (2019) What has changed in the outbreaking populations of the severe crop pest whitefly species in cassava in two decades? Sci Rep. 9(1):1-13.

8. REFEREES

- ❖ Dr. Heneriko Kulembeka, Principle researcher,
Tanzania Agriculture Research Institute (TARI)–Ukiriguru,
P.O.Box 1433, Mwanza, Email: kulembeka @gmail.com
- ❖ Dr. Deusdedith Mbanzibwa
Tanzania Agricultural Research Institute (TARI)–Makotopoa,
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