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EDUCATION:

PhD. Fellow (Microbiology & Plant Pathology); Makerere University, Uganda.
M. Sc. Biotechnology, 2013; Universiti Teknologi Malaysia, Malaysia.
B. Sc. Ethnobotany, 2010; Makerere University, Uganda.

WORK EXPERIENCE:

Designation	Period	Institution
Assistant lecturer	April 2013 – Present	Department of Plant Sciences, Microbiology and Biotechnology, Makerere University
Medical representative	Feb 2011 - July 2011	Roche Pharmaceuticals, Uganda
	Nov 2010 - Feb 2011	Medical Access Uganda Ltd., Uganda
	Aug 2009 - Oct 2010	Surgipharm (Mega Life sciences), Uganda
Assistant	Jan 2009 - Jan 2010	Green Options Herbal Company, Makerere University
Teacher (Biology and Chemistry)	2005 - 2006	Shady Garden Academy, Kisumu, Kenya.

TEACHING EXPERIENCE:

Course Name	Course Code	Period
Genomics and Bioinformatics	BBT3101	2013-present
Molecular Evolution	BBT2106	2013-present
Fermentation Biotechnology	BBT3201	2013-present
Environmental Biotechnology	BBT3205	2013-present
Research projects	BBT3206	2013-present
Crop improvement and Biotechnology	BOT3206	2014-2015
Research methods	BBT2201	2014-2015

RESEARCH:

- i. Mechanisms of defense against *Xanthomonas campestris* pv. *musacearum* infection in banana: Towards rehabilitation of banana plantations by plant recovery from banana bacterial wilt disease, Ph. D. (Plant Pathology and Microbiology).
- ii. Cloning and molecular characterization of the α -globulin promoter into an expression vector, M. Sc. (Biotechnology).

- iii. 'The relative effect of light intensity on the antibacterial activity of *Ocimum gratissimum*', B. Sc. (Ethnobotany).

PUBLICATION:

Mustafa, A. S. and Wagiran, A. (2013). Molecular Cloning and Bioinformatic Analysis of Endosperm Specific Promoter, α -Globulin (AsGlo1). *Jurnal Teknologi*.

REFEREES:

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