

CURRICULUM VITAE

REBECCA WAITHERA GITHINJI (HND Biotechnology)

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PROFESSIONAL SUMMARY

Rebecca Githinji is a Higher Diploma holder, in the Department of Veterinary Pathology Microbiology and Parasitology, University of Nairobi. His research interests are in the area of parasitology and Virology currently majoring in Biotechnology .she has worked with projects in the department in the areas of Parasitology and Virology. She is currently a Senior Technologist in the Department of DVPMP.

1. PERSONAL DATA

1.1 BIO DATA

Nationality : Kenyan
Gender : Female
Marital status : Single

1.2 WORK ADDRESS

P. O. Box 29053- 00625
Kangemi

2.0 QUALIFICATIONS

2.1 Academic qualifications

The Technical University of Kenya.

Bachelor of Technology (Biotechnology),

Ongoing

The Technical University of Kenya.

Higher National Diploma (Biotechnology), **2006-2008**

Kabete Technical Training Institute

Diploma in Medical Laboratory Technology. **2001-2003**

Ruchu Girls High School

Kenya Certificate of Secondary Education **1996- 1999**

SHORT COURSES.

1. Certificate of Attendance, Management Training for Technical Staff, March 26th to 27th 2015. Held at the College of Agriculture and Veterinary Medicine by The University of Nairobi.
2. Certificate of attendance, Trends in Veterinary Parasitology. August 10th – 11th, 2011 .held in the Department of Veterinary Pathology. By Parasitology section in the Department.

WORKING EXPERIENCE

Positions Held.

Senior Technologist: (Laboratory In-Charge)

2010

to- date

Responsibilities.

Senior Technologist; In Veterinary Pathology Microbiology and Parasitology laboratories of the University of Nairobi. With the capacity to train students at undergraduate and postgraduate levels, conduct research and consultancy work.

Specifically involved by offering leadership in the Department in various areas including;

- Participate in research projects
- Participate in consultancy work
- Supervise operations of Virology, and previously Parasitology laboratories.
- Laboratory based training of staff, students and trainees on industrial attachment.
- Supervision of maintenance of a clean working environment.
- Supervision of Laboratory Procedures, Sample handling and Analyses for result generation.
- Development of Laboratory Manuals for staff and students use.
- Troubleshooting and Maintenance of Laboratory methodologies and equipment.

RESEARCH PROJECT PARTICIPATED

- Validation of Peepoo for human excreta sanitization and reuse for crop production- Ph.D work for Nduhiu Gitahi.
- In vitro anthelmintic activity of Albizia gummifera, Crotalaria axillaris, Manilkara discolor, Teclea trichocarpa and Zanthoxylum usambarense extracts- MSc work for Dr. Boniface Thuo
- Acute and sub-acute toxicity of dichloromethane-methanol extract of teclea trichocarpa root-bark in rats-Msc work for Dr. Kirubi
- Seasonality of parasites and effectiveness of antiparasitic treatments in village chicken in Mbeere District, Kenya- MSc for Dr. Hannah Chege.
- Etiology and predisposing factors of diseases of domestic rabbits from selected areas in kenya – MSc for Dr. Okumu

SCIENTIFIC REPORTS WRITTEN

Bachelor of Technology (Biotechnology) –Project

- **Githinji R.W** (on- going) Molecular characterization of cryptosporidiosis in kabete veterinary farm

Higher National Diploma (Biotechnology) – Project

- **Githinji R.W** (2008) title

Diploma in Medical Laboratory Technology- Project

- **Githinji R.W** (2003) title

LABORATORY MANUALS & SOPs WRITTEN

- Protocol for Identification, Enumeration and Viability Test for Geo- Helminths and Human protozoa © **Githinji Rebecca** and Nduhiu Gitahi

PUBLICATION

PUBLICATION IN PEER REVIEWED JOURNALS:

1. B. M. Thuo, G. N. Thoithi , N. Maingi , S. N. Ndwigah , R. N. Gitari, **R. W. Githinji** , R. O. Otieno. *In vitro* anthelmintic activity of *Albizia gummifera*, *Crotalaria axillaris*, *Manilkara discolor*, *Teclea trichocarpa* and *Zanthoxylum sambarensense* using sheep nematodes. Thuo et al, *Afr. J. Pharmacol. Ther.* **2017**. 6(1): 38-42. Vol. 6 No. 1 Pages 38-42, 2017
2. Nganga C.J, Gakuya D.W, Otieno R.O, **Githinji R.W**. 2014. Co- administration of Albendazole and Levamisole to control multiple anthelmintic resistant nematodes in a sheep farm in Kabete Kenya. *Journal of Animal health and Production in Africa*. Vol 62, No. 3 (2014)
- 3.

WORKSHOPS AND CONFERENCES ATTENDED

- Trends in veterinary parasitology
- Laboratory Management

OTHER RESPONSIBILITIES.

Departmental website champion

