

## BRIEF PROFILE FOR DR. FRANK NORBERT MWIINE

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### **Background:**

Dr. Mwiine is a veterinary surgeon, researcher and an academic. He holds a Bachelors Degree of Veterinary Medicine, and a Masters of Veterinary Preventive Medicine of Makerere University. He graduated recently (2011) with a Ph.D in virus reseach.

Dr. Mwiine researched on foot-and-mouth disease, a devastating disease of livestock and wildlife animals in Uganda. He investigated on the serotype-specificity of antibodies against foot-and-mouth disease viruses particularly in cattle in different geographic localities of Uganda. He identified foot-and-mouth disease virus antibodies against serotype O, followed by serotypes A, SAT 1, SAT 2 and SAT 3 a very strong indication of these causative agents of disease. These results have implications on foot-and-mouth disease control and economic policy strategies for Uganda. His PhD work was done on Foot-and-mouth disease viruses (FMDV) in Uganda and was funded by Danish International Development Agency (DANIDA) under the livestock wildlife disease in East African project.

Dr. Mwiine is currently a Senior Lecturer, in the Department of Biomolecular Resources & Biolab Sciences, School of Biosecurity, Biotechnical & Laboratory Sciences, College of Veterinary Medicine, Animal Resources and Biosecurity, Makerere University.

Before joining Makerere University, Dr. Mwiine worked as a veterinary officer for 5 years in Mbarara District under the Ministry of Agriculture Animal Industries and Fisheries (MAAIF).

### **Expertise:**

Dr. Mwiine has extensive research experience in serological and molecular techniques especially on foot-and-mouth disease viruses (FMDV) and peste des petits ruminants virus (PPRV).

### **Membership:**

American Society for Microbiologists

Uganda Veterinary Association

Councillor Commonwealth Veterinary Association (2007-2010)

### **Reviewer**

Tropical Animal Health and Production

African Journal of Animal and Biomedical Sciences

Assoc. Editor, Veterinary Science Research

### **Scientific Peer Reviewed Publications**

Dr Mwiine has published 14 Peer Reviewed scientific articles and a book chapter