

## College of Veterinary Medicine

**Name: Yilkal A Woube**

**Title: Assistant Professor**

Department: Pathobiology

Phone:

Fax:

E-mail: [ywoube@tuskegee.edu](mailto:ywoube@tuskegee.edu)



### EDUCATION/TRAINING

| Institution and Location                     | Degree  | Graduation Year | Major               |
|----------------------------------------------|---------|-----------------|---------------------|
| Tuskegee University, Tuskegee, USA           | PhD     | 2023            | Microbiology        |
| Freie Universitaet Berlin, Berlin, Germany   | MSc     | 1998            | Epidemiology        |
| Addis Ababa University, Debre Zeit, Ethiopia | DVM     | 1989            | Veterinary Medicine |
| National Institute of Animal Health, Japan   | Diploma | 2002            | Veterinary Lab Tech |

### RESEARCH INTERESTS

Epidemiology and prevention of livestock infectious diseases, Application of machine learning in modelling the relationship of risk factors and disease outcomes in livestock, Bioinformatics, and One health bacterial and viral genomics.

### RECENT PUBLICATIONS

1. Ghazy, A.; Nyarku, R.; Faraj, R.; Bentum, K.; **Woube, Y.**; Williams, M.; Alocilja, E.; Abebe, W. Gold Nanoparticle-Based Plasmonic Detection of Escherichia coli, Salmonella enterica, Campylobacter jejuni, and Listeria monocytogenes from Bovine Fecal Samples. *Microorganisms*, 2024, 12, 1069. <https://doi.org/10.3390/microorganisms12061069>
2. EJ Sarba, E Kemal, E Galan, T Sori, **YA Woube**, (2021). Comparative evaluation of the immune responses of seven chicken ecotypes to vaccination against New-castle disease. *Ethiopian Veterinary Journal*, 25 (2), 144-164.
3. Mohammed Mansour, Fatima Abdelazeem, Abdelmhmoud Ata Manan, Timothy Bowden, **Yilkal Asfaw**, Karl-Hans Zessin, Shawn Babiuk, Maximillian Baumann, Taj Eldien Abdellah, Abdelhamid Elfadil, Gelagay Ayelet (2021). Sero-prevalence and risk factors for sheeppox in Kordofan states in Sudan. *Research square*, DOI: <https://doi.org/10.21203/rs.3.rs-271975/v1>
4. **Woube, YA**; Abdella, E; Faraj, R; Perry, R; Reddy, G; Wirtu, G; Abebe, W (2021). Prevalence and Concentration of Escherichia coli O157:H7 in Cattle, Products, and the Environment in the United States of America: A Meta-Analysis Study. *Journal of Epidemiology and Public Health Reviews*, 6(3): dx.doi. org/10.16966/2471-8211.216.
5. Agga, GE; Raboisson, D; Walch, L; Alemayehu, F; Semu, DT; Bahiru, G; **Woube, YA**; Belihu, K; Tekola, BG; Bekana, M; Roger, FL; Waret-Szkuta, A (2019). Epidemiological Survey of Peste des Petits Ruminants in Ethiopia: Cattle as Potential Sentinel for Surveillance. *Front. Vet. Sci.* 6:302. doi: 10.3389/fvets.2019.00302. Frontiers Media S.A