

Woubit Salah Abdela, DVM, PhD

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**Education**

Graduation Year	Degree	School	Major/Specialty Area
2000	DVM	Addis Ababa University, Faculty of Veterinary Medicine	Veterinary Medicine
2004	Diploma	University Paul Valéry, Montpellier III France	French language
2005	MSc	Institut National Polytechnique de Toulouse, France	Molecular Biology
2008	PhD	Institut National Polytechnique de Toulouse, France	Molecular Biology

Teaching**Senior and Junior Micro-Parasitology Clinical Rotation**

SMED595, SMED596, SMED695, SMED696

Molecular Biology and Bioethics (Fall, First Year DVM Students)

MBIO311, MBIO311G

Microbiology (Spring, First Year DVM students)

MBIO411, MBIO411G

Research Interest(s)

Research in microbial food safety and application of molecular and nanotechnology tools in the specific identification of major foodborne pathogens, threat-agents, spores and toxins that may contaminate food system. Study to understand and improve methodologies that help concentrate small amount of pathogens present in different food matrices. Develop molecular based tools to simultaneously detect multiple foodborne pathogens and food-threat agents.

Recent Publications

Abdela Woubit, Martha Graham, Habtemariam Tsegaye, Samuel Temesgen, and Teshome Yehualaeshet. Effects of orange juice pH on the survival, urease activity and DNA profiles of *Yersinia enterocolitica* and *Yersinia pseudotuberculosis* stored at 4 degree C. **Journal of Food Safety, 2011, 31:4**

Salah Woubit, Yehualaeshet Teshome, Habtemariam Tsegaye, and Samuel Temesgen (2011). Simultaneous, specific and real-time detection of food-threat and frequently encountered food-borne pathogens (**Accepted to Journal of Food Protection**)

Francois Thiaucourt, Lucia Manso-Silvan, **Woubit Salah**, Valérie Barbe², Daniel Jacob, Marc Breton, Virginie Dupuy, Anne Marie Lomenech, Pascal Sirand- Pugnet. *Mycoplasma mycoides*: from Large Colony to Small Colony. How close is close? A micro-evolutionary perspective. **BMC Genomics 2011, 12:114**

Kyoungsook Park, Jeong Min Lee, **Abdela Woubit Salah**, Cesar D. Fermin, and Moonil Kim. Combination of cysteine- and oligomerization domain-mediated protein immobilization on a surface plasmon resonance (SPR) gold chip surface. **Analyst, 2011**

Woubit S. Abdela, Manso-Silván L, Lorenzon S, Gaurivaud P, Poumarat F, Pellet MP, Singh VP, Thiaucourt F, A PCR for the detection of mycoplasmas belonging to the *Mycoplasma mycoides* cluster; Application to the diagnosis of contagious agalactia. **Mol Cell Probes 2007; 21: 391-399.**

Woubit S. Abdela, Lorenzon S, Peyraud A, Manso-Silván L, Thiaucourt F. A specific PCR for the identification of *M. capricolum* subsp. *capripneumoniae*, the causative agent of contagious caprine pleuropneumonia (CCPP), **Veterinary Microbiology 2004; 104 (1-2): 125-32.**

Service Activities

Coordinator of Microbiology Clinical Rotation, CVMNAH, Tuskegee University

Member of the Academic advisory Committee

Member of the Research Advisory Committee

