

Personal details

First name: Tulu
Middle name: Degefu
Surname: Abdi
Gender:
Date of birth:
E-mail:
Mobile phone:
Marital status: A

Work experience

Period	Employer	Position	Job description
August /2006 - December/2007	Hawassa University	Lecturer	Teaching Microbiology
August/2003 - August/2004	Hawassa University	Graduate Assistant	Teaching applied Mycology and practical session

Education

Period	Field of specialization	Examination result	University
December, 2012	Microbiology	PhD	Norwegian University of Life Sciences (Department of Chemistry, Biotechnology and Food Science), Norway
July, 2006	Applied Microbiology	MSc	Addis Ababa University (Department of Biology), Ethiopia
July, 2003	Biology	BSc	Addis Ababa University (Department of Biology), Ethiopia

Knowledge of Software package
MEGA/Phylogenetic Bioinformatics
PAUP* software package

User level
Experienced
Experienced

Tulu Degefu

Tulu Degefu (PhD)
HwU'S N.Africa Project
Coordinator

28/7/2015

Language

Language	Oral level	Level of reading skill	Level of writing skill
English	Fluent	Fluent	Fluent
Afan Oromo	Fluent	Fluent	Fluent
Amharic	Fluent	Fluent	Fluent

Courses/Certificates

Period	Courses/Certificates
August/2008	Bioinformatics for Environmental scientists NOVA soilsoc course from Helsinki University, Finland
August/2008	Genomic data analysis course from Norwegian University of Life Sciences
January/2009	Experimental molecular Microbiology course from Norwegian University of Life Sciences, Norway
June/2009	'Microbial N transformations and NO/N ₂ O emissions' from Norwegian University of Life Sciences, Norway
April-August/2003	Intensive Microsoft office/Basic computer application certificate from African Virtual University

PhD Thesis title

Phylogeny and symbiotic characteristics of rhizobia isolated from legumes growing in Ethiopia

Title of trial lecture delivered during PhD defense

Recent research has shown evidence of rhizobia as endophytes of non-legumes and non-rhizobial endophytes in legume nodules. A description of models functions and potential application.

Boards of PhD Thesis Evaluation Committee


Professor Kristina Lindström

Department of Food and Environmental Sciences

University of Helsinki, Finland E-mail: Kristina.Lindström@helsinki.fi

Dr. Philippe de Lajudie, Directeur de recherche

IDR Laboratoire des symbioses Tropicales et Méditerranéennes (L.S.T.M) E-mail: P-de.lajudie@mpl.ird.fr


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Publications

Degefu T, Wolde-meskel E, Frostegård A (2011) Multilocus sequence analyses reveal several unnamed *Mesorhizobium* genospecies nodulating *Acacia* species and *Sesbania sesban* trees in Southern regions of Ethiopia. *Syst Appl Microbiol*, 34:216-26.

Degefu T, Wolde-meskel E, Frostegård A (2012) Phylogenetic multilocus sequence analysis identifies seven novel *Ensifer* genospecies isolated from a less-well-explored biogeographical region in East Africa. *Int J Syst and Evol Microbiol*, 62: 2286-2295.

Degefu T, Wolde-meskel E, Liu B, Cleenwerck I, Willems Anne and Frostegård A *Mesorhizobium shonense* sp. nov., *Mesorhizobium hawassense* sp. nov. and *Mesorhizobium abyssinicae* sp. nov. isolated from root nodules of different agroforestry legume trees growing in southern Ethiopia. *Int J Syst Evol Microbiol*, 63: 1746-1753.

Degefu T, Wolde-meskel E, Frostegård A (2013) Phylogenetic diversity of *Rhizobium* strains nodulating diverse legume species growing in Ethiopia. *Syst App Microbiol* 36: 272-280

Degefu T, Wolde-meskel E, Frostegård A (2015). Ethiopian *Bradyrhizobium* strains as studied by multilocus sequence analysis are phylogenetically diverse. In prep

International workshops and conferences

13th AABNF congress, December 15th-18th, 2008 Hammamet, Tunisia.

2nd Norwegian Microbiology meeting (NoMi-11). 14th September-16th September 2011, Hemsedal, Norway.

14th international symposium on microbial ecology (ISME 14). 19-24 August 2012 Copenhagen, Denmark.


17th Nitrogen Cycle Meeting Oslo, September 26-28, 2012.

N₂Africa (Putting Nitrogen fixation to work for smallholder farmers in Africa) Launching workshop Ethiopia, ILRI Addis Ababa, 27-28 February, 2014

N₂Africa Ethiopia Planning Workshop, ILRI Addis Ababa, Ethiopia, 15-16 April, 2014

COMPRO II write-shop, Addis Ababa, 20-25 March, 2014

Biofarming Training School, Addis Ababa, Ethiopia, 15-20 September, 2014, EDULINK project


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Other Responsibilities

1. Coordinator of N₂Africa project at Hawassa University
2. Academic program and quality assurance coordinator for College of Natural and Computational Sciences

References

Company/Organization	Name	Contact info
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