

**FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA  
POSTGRADUATE SCHOOL**

**HIGHER DEGREE GRADUANDS – 2023/2024 ACADEMIC SESSION**

**A. DOCTOR OF PHILOSOPHY (Ph.D.)**

**COLLEGE OF BIOSCIENCES (COLBIOS)**

**Department of Microbiology**

**Ph.D. Environmental Microbiology**

**EWUOSO** Lateefat Motunrayo

Thesis: Microbial Diversity and Metabolomics of Ruminal Fluid in Sheep and Goats fed with Cassava Peels, Concentrate ration and *Megathyrus maximus Solanum lycopersicum L.*)

Supervisor: Prof. S.A. Balogun

**BANKOLE** Samuel Opeyemi

Thesis: Community and Predictive Functional Profiling of Heavy Metal-Tolerant Bacteria in Soils from a Bitumen Production Site

**Supervisor:** Prof. Olufunke B. Shittu

**HIKMAT** Titilayo Balogun-Abiola

Thesis: Diversity of Antibiotics Resistance Genes from Rivers and Irrigated Farm Locations in Ogun State, Nigeria

**Supervisor:** Prof. S. A.

Balogun

**Ph.D. Medical Microbiology and Public Health**

**UZAIRUE** Leonard Ighodalo

Thesis: Genetic-Relatedness and Transmission-Dynamic of Multidrug Resistant *Escherichia coli* and *Klebsiella pneumoniae* from Humans, Animals and Environment in Ekiti and Ondo States, Nigeria

**Supervisor:** Prof. Olufunke B. Shittu

**OLADOTUN** Abiola Tosin

Thesis: Inter-Relatedness and Antibiotic Resistance of Extra Intestinal Pathogenic *Escherichia coli* in Human, Poultry, Companion Animals and Environment in Abeokuta, Ogun State, Nigeria

**Supervisor:** Prof. Olufunke B. Shittu

**AYOOLA** Racheal Abimbola

Thesis: One Health Risk Assessment of Zoonotic Tuberculosis and Mycobacterium Tuberculosis Complex at Informal Abattoir in Abeokuta South West Nigeria

**Supervisor:** Prof. Olufunke B. Shittu

**OMOLIKI** Olusola Arinola

Thesis: Genetic Relatedness of Multidrug Resistant *Pseudomonas aeruginosa* from Out-Patients of Three Tertiary Hospitals in Southwest Nigeria.

**Supervisor:** Prof. D. A. Ojo

**SALAKO** Oluremi Riskat

Thesis: Prevalence and Species Profile of Mycotic Infections In People Living With HIV/AIDS In Ogun State, Nigeria.

**Supervisor:** Prof. T. O. S. Popoola

### **Ph.D. Food and Industrial Microbiology**

**OGUNDEJI** Oluseun Iyabode

Thesis: Functional Properties and the Effect of Microorganisms on the Nutrition and Quality of a Cereal Based Beverage (Obiolor)

**Supervisor:** Prof. (Mrs.) O. R. Afolabi

### **Department of Biochemistry**

#### **Ph.D. Biochemistry**

**MOSES** Ceaser Antiya

Thesis: Multi-Targeted Inhibition of Aromata se, Farnesyltransferase and Epidermal Growth Factor Receptor using In-Silico and In-Vivico Studies in 7,12-Dimethy Ibenzen (A) Anthracene- Induced Breast Cancer in Female Wistar Rats.

**Supervisor:** Dr.

**OKOH** Olayinka Sunday

Thesis: Effect of Thymoquinone on Hypertensive Material Parents and Developmental Neuropathy of F I Male Generation in Rats Exposed to Mixture of Biosphenol-A Analogues

**Supervisor:** Dr. J. K. Akintunde

**AWOYOMI** Omolola Victoria

Thesis: Protective Potentials Of *Annona Muricata* (Soursop) Methanol Extracts On Acetaminophen- Induced Hepato- Nephrotoxicity in Rat Model.

**Supervisor:** Prof. Regina N. Ugbaja

**ADEOSUN** Abiola Muhammad

Thesis: Antihypertensive Potential Of Methanol Extract Of *Larpoatea Aestuans* (L.) Chew Leaf On Dexamethasone – NaCl- Induced Hypertension In Male Wistar Rats.

**Supervisor:** Prof. A. O. Akinloye

**Ph.D. Zoology (Parasitology)**

**JONATHAN** Joseph

Thesis: Prevalence of Cryptosporidiosis in Cattle and Nomadic Pastoralists in Abeokuta North and Odeda Local Government Areas, Ogun State, Nigeria.

**Supervisor:** Prof. S.O. Sam-Wobo

**Ph.D. Zoology (Animal Physiology)**

**IYEH** Concilia Ifesinachi

Thesis: Seasonal Variations in the Reproductive Physiology of Captive-Reared Giant African Land Snails (*Archachatina Marginata*)

**Supervisor:** Prof. K.O. Ademolu

**Ph.D. Botany (Plant Physiology)**

**BANKOLE** Olalekan Abidemi

Thesis: Yield and Agro-Physiological Responses of *Abelmoschus esculentus* L. and *Colocasia esculenta* (L) Schott Cultivated under *Elaeis guineensis* Jacq Plantation

**Supervisor:** Prof. (Mrs) I. A. Kehinde

**Ph.D. Botany (Plant Pathology)**

**OYEDELE** Temitope Ajibola

Thesis: Disease Epidemiology, Infection Progression And Pathophysiological Effects Through Metabolomics-Based Method On *Sphenostylis Stenocarpa* (Hochst EX. A. Rich.) In Southwest Nigeria.

**Supervisor:** Prof. (Mrs) I. A. Kehinde

**B. MASTERS**

**COLLEGE OF BIOSCIENCES (COLBIOS)**

**Department of Microbiology**

**M.Sc. Environmental Microbiology**

**ADEJIMI** Abiola Dorcas

Dissertation: Production of Polyhydroxybutyrate by Bacterial Isolates from tissue paper Industrial Effluents and Biochar amended Soil Samples of Tomato and Okra Plants

**MAKINDE** Ifedolapo Oluyemisi

Dissertation: Biodegradation of Cassava Mill Effluent Polluted Soil Using *Cutaneotrichoporan SPP*

**OLOYE** Nkechi Ruth

Dissertation: Bioremediation of Lead-Contaminated Soil Using Selected Microorganisms and their Laccase Enzymes

**AROYEUN** Temitope Haleemat

Dissertation: Extended Spectrum Beta-Lactamase, Genes and Virulence Associated Factors in *Salmonella serovars* Isolated From Surface Water and Groundwater in Abeokuta, Nigeria.

**M.Sc. Medical Microbiology and Public Health**

**MARNE** Mercy Yakubu

Dissertation: Prevalence of Extended-Spectrum-Beta-Lactamase (ESBL) Producing *Cronobacter sakazakii* from Infant Stools and High Touch Surfaces in Selected Paediatric Wards in Lagos State

**MORAKINYO** Olayemi Akinbola

Dissertation: Molecular Detection of Human T- Lymphotropic Virus 1 and 2 Infection in Blood Donors' Sample in Two Tertiary Hospitals in Ogun State

**ALUKO** Similoluwa Timilehin

Dissertation: Analysis of Honey Samples Consumed in Ogun State, Nigeria for the Presence of Clostridium Botulinum: A Risk Factor for Infant Botulism.

**ADEBIYI** Ini

Dissertation: Prevalence of Ampicillinase C, Extended-Spectrum and Metallo-Beta-Lactamase Genes in Gram-Negative Escapable Bacteria Isolated from Tertiary Hospitals in Southwest, Nigeria

**ODUNSI** Fisayo Titilayo

Dissertation: Antifungal Activities of Citrus Sinensis L . Peels and Cocos Nucifera Husk Extracts against Dermatophytes from Two Hospitals in Abeokuta

**KOLAWOLE** Irewande Betty

Dissertation: Evaluation of Antioxidant and Antibacterial Activities of Ocimum gratissimum L . and Piper nigrum L . Essential Oils on Micro organisms Associated with Otitis Media

**NWACHUKWU** Victoria Udochukwu

Dissertation: Isolation and Identification of Class 1,2 and 3 Integrons in Multidrug Resistant Klebsiella Pneumonia from Patients in Attending Tertiary Hospitals in Southwest, Nigeria.

**M.Sc. Food and Industrial Microbiology**

**OGUNYEMI** Agnes Adebola

Dissertation: Microbiological Quality and Safety Assessment of Kuli-Kuli (Groundnut Cake Snack) from Selected locations in Ogun State, Nigeria

**JOHNSON** Aanuoluwapo Oluwaseun

Dissertation: Effect of Pigmented Yeasts on the Nutritional Properties of Fermented

**OMOLE** Opeyemi Olayemi

Dissertation: Biopulping of *Bambusa Vulgaris Schrad.ex.j.c* Wendl(Bamboo) and *Gmelina arborea* Rox b . exm ( Gmelia) Wood Chips Using Ligninolytic Enzymes Produced by Selected White Rot Fungi

**ODUFUWA** Olamide Temilayo

Dissertation: Effects of Various Treatments on Cronobacter spp Isolated from Selected Vegetables Sold in Abeokuta, Nigeria

**SOLANKE** Iyanuolu Deborah

Dissertation: Microbial and Cyanide Content of Fufu, Lafun, Garri at Fermentation and Final Product Stages from Five local Processing Units in Ilaro, Ogun State.

### **M.Sc. Microbiology**

**POPOOLA** Abisola Omolara

Dissertation: Detection of Carbapenem-Resistant *Pseudomonas aeruginosa* and *Proteus* Species Isolated from Clinical and Environmental Sources in Hospitals in Abeokuta

**SOWUNMI** Dorcas Olufikayo

Dissertation: Bacteria Isolated from Cowpea Plant (*Vigna unguiculata*) L . WALP Inoculated with two Viruses and their Antagonistic Effect on *Aspergillus* Fungi.

### **M.Sc. Agricultural Microbiology and Biotechnology**

**HASSAN** Husseinat Olamide

Dissertation: Phytotoxic Effects of Metabolites Produced by Wild and Mutant Strains of Actinobacteria on Post-emergence of *Chromolaena odorata* (L . ) R. M. King and H. E. Robins

**AJIJOLA** Wuraola Rachael

Dissertation: Efficacy of Plant Extracts and *Trichoderma harzianum* for the Control of Anthracnose of Red Pepper (*Capsicum annum cv. Tatase-bell*) Caused by *Colletotrichum gloeosporioides*

### **Department of Pure and Applied Zoology**

#### **M.Sc. Zoology (Parasitology)**

**WONODI** Ndubuisi

Dissertation: Effects of Repellent Secretion of Veriegated grasshopper (*Zonoceros variegatus*) on Free Living Stages of *Heligmosomoides bakeri*

**LAWAL** Nofisat Folashade

Dissertation: Bio-Efficacy and Impact of Used and Unused LLIN on Malaria Prevalence in Communities of Odeda Local Government Area, Ogun State

**AJAGBE** Dorcas Oluwakemi

Dissertation: Distribution and Molecular Characterization of *Microsporidia spp.* in Tick Population in Abeokuta, Ogun, Ogun State, Nigeria.

### **Department of Pure and Applied Botany**

#### **M.Sc. Botany (Plant Pathology)**

**YUSUF** Bashirat Oluwakemi

Dissertation: Incidence of Post-Harvest Fungal Pathogen's and Mycotoxin Content of Pepper (*Capsicum L.*), A Case Study of Two Markets in Abeokuta, Ogun State, Nigeria.

#### **M.Sc. Botany (Plant Physiology)**

**SOKUNBI** Uthman Tobi

Dissertation: Seed Germination, Yield and Agronomic Characteristics of *Citrullus colocynthis* (L.) Schrad (Melon) as Influenced by Osmoprimering and NutriPrimering

**MUSTAFA** Abdulwakil Adeyemi

Dissertation: Physiological and Biochemical Responses of *Capsicum frutescens* L. and *Capsicum annum* L. under Rice –straw Biochar and Poultry Manure Amended Soil.

**ADESINA** Christianah Adeola

Dissertation: Aflatoxigenic Potentials And Biocontrol Of Fungal Isolates Causing Fruit Rot Of Eggplant ( *Solanum Melongena Linn*) In Oyo And Ogun States, Nigeria.

#### **M.Sc. Biochemistry**

**IGE** Funmilayo Janet

Dissertation: Reversal of Diabetes – Induced Cardiac and Brain Mitochondrionopathy in Male Albino Rats by Aqueous Extract of Musa Paradisiaca Stalk

**AWOFESO** Bamidele Adewale

Dissertation: Protective Effect of Chrysin and Rutin on Trichloroethylene-Induced Neurotoxicity and Erythrocytotoxicity in Male Wistar Rat

**ADESANYA** Adekunle Oluwaseun

Dissertation: Reversal Of Diabetes- Induced Hepatic And Renal Mitochondrionopathy In Male Albino Rats By The Aqueous Extract Of Musa Paradisiaca Stalk