

COLLEGE OF BIOLOGICAL SCIENCES

Department of Biochemistry

M.Sc. (Biochemistry)

AKINPELU Taiwo Odunayo

Dissertation: Evaluation of Ogun River Heavy Metal Pollution on some Enzymes of Krebs Cycle and Nutritional Value of African Catfish (*Clarius geriepinus*)

TAIWO Odunayo Anthonia

Dissertation: Possible Alterations in Serotonin Receptors Gene Expression and Neurotransmission Following Marijuana Extract Exposure in Wistar Albino Rats

Department of Microbiology

M. Sc. (Food and Industrial Microbiology)

JOLAOSHO Mayowa Ibrahim

Dissertation: Production of Biodiesel Using Two Microalgae (*Scenedesmus bajacalifornicus* and *Oscillatoria ocuminata*) Isolated from Selected Fish Ponds in Abeokuta as Feedstock

M. Sc. (Medical Microbiology and Public Health)

UZAIRUE Leonard Ighodalo

Dissertation: Virulotypes and Antimicrobial Resistance Relatedness between *Salmonella* Isolates from Pediatric Population with Bacteremia and the Environment

OMIDIORA Ayobami Ibukunolu

Dissertation: Water Quality and Antibiotics Resistant Bacteria from Hand-Dug Wells in Osiele Community, Ogun State

ADEBARI Hakeem Olalekan

Dissertation: Seroprevalence of Maternal Measles Innunoglobulin-G Antibody in Mother and Infant Pairs in Selected Health Centres in Abeokuta, Southwest Nigeria

BAMIDELE Damilola Esther

Dissertation: In-Vitro and In-vivo Antibacterial Effects of Citrus maxima and *Sidaacuta* Extracts on *Salmonella tyhi*, *Staphylococcus aureus* and *Eschericia coli*

ADEYANJU Folasade O.

Dissertation: Antibacterial Activities of *Syzgiu maromaticum*, *Zingiber officinale*, *Cymbopogon citratus* and Breast Milk against Bacteria implicated in Otitis Media

JAMES Suleiman Amuga

Dissertation: Extended Spectrum Beta-Lactamase (ESBL) Genes Producing *Escherichia coli* and *Klebsiella pneumonia* from Clinical, Swimming Pool and Hospital Waste Water in Abeokuta, Ogun State

Department of Pure and Applied Zoology

M. Sc. (Entomology)

ADENIYI Akinkunle Victor

Dissertation: Seasonal Variations in Morphometrics and Nutritional Values of Adult Variegated Grasshopper, *Zonocerus variegatus* L

M.Sc. Zoology (Animal Physiology)

OROPO Abdulhammed Olakunle

Dissertation: Effects of Mucin and Haemolymph of *Archachatina marginata* and *Achatina achatina* on Cardiac Functions of Adult Common Toad (*Bufo regularis*)

COLLEGE OF ENGINEERING

Department of Agricultural & Bio-Resources Engineering

M. Eng. (Agricultural Power and Machinery Engineering)

OLUKAYODE Aanu-Jehofa Ifeobaorun

Dissertation: Development of a Purifying Anaerobic Bioreactor for Biogas Production

M. Eng. (Processing and Storage Engineering)

OYENUSI Oyebola Olamiposi

Dissertation: Development and Performance Evaluation of an Airflow Resistance System for Bulk Sponge Gourd (*Luffa cylindrical*) Seed

M. Eng. (Soil and Water Engineering)

ADEBOWALE Bolaji Seun

Dissertation: Vermifiltration of Slaughter House Effluent from Lafenwa Abattoir, Lafenwa, Abeokuta, Ogun State

OGUNBOWALE Yemi Bolaji

Dissertation: Assessment of Capacity Gaps of Selected Water Supply Agencies in Southwest Nigeria

ADEWUMI Babafemi Sunday

Dissertation: Soil Detachment with Organic Mulching Using Rainfall Simulation in Comparison with Natural Rainfall for Effective Conservation

COLLEGE OF BIOLOGICAL SCIENCES

Department of Biochemistry

M.Sc. (Biochemistry)

MOGAJI Aphis Afolabi

Dissertation: Effects of Tillage and Fertilizer on Arbuscular Mycorrhizal Fungal Community Structure and Grain Yield of Maize (*Zea mays L.*) Cultivars in the Rain Forest/Savanna Transition Zone

LAMIDI Abiodun Rukayat

Dissertation: Some Glycolytic Tricarboxylic Acid Cycle, Oxidate Phosphorylation Enzymes in Lymphocytes, Fibroid Tissue and Myometrium of a Population of Women in Ogun State

AWONIYI Temitope Ibukun

Dissertation: Aflatoxin Bi-induced Lipotoxic and Non-Lipotoxic Dyslipidemia in Female Albino Rats

OJO Olusola Peter

Dissertation: Reversal of Aflatoxin B1-Induced Perturbations in Mitochondrial Energy Metabolism by Probiotics in Female Wistar Rats

OMOSEBI Tolulope Abayomi

Dissertation: Lead-Infected Dyslipidemia Comparison between the Ameliorative Effects of *Garcinia Kola* Extract and Vitamin C

UGWOR Emmanuel Ifeanyichukwu

Dissertation: Mitigatory Effects of Lycopene against Obesity-Induced Meta-Inflammation and Associated Comorbidities in Female Wistar Rats

ONABOWALE Opeoluwa Oluwafunlola

Dissertation: Ameliorative Effects of Golden Melon (*Cucumis melo*) Fruit Pulp Aqueous Extract on High-Salt Induced Hypertension in Male Albino Rats

JAMES Adewale Segun

Dissertation: Modulatory Effects of Lycopene on TLR4/NF- κ B Signalling Pathways of Palmitic Acid-Induced Meta-Inflammation in Female Wistar Rats

WILLIAMS Olawale Dada

Dissertation: Hepatoprotective and Antidyslipidemic Potentials of *Kigellia Africana* Fruit Ethanol Extract of Cadmium-Induced Toxicity in Male Albino Rats

SALAAM Hafeez Adeyemi

Dissertation: Evaluation of Propolis Ethanol Extract on Lipid Metabolism of Some Organs and Intestines of Streptozotocin-induced Diabetes in Male Albino Rats

OLAWUNMI Muibat Omowunmi

Dissertation: Ameliorative Potential of Propolis Ethanol Extract on Pancreatic Regeneration and Systemic Inflammatory Genes and Hepatorenal Markers in Rat Model of Streptozotocin-Induced Diabetes

OGUNTADE Ruqyah Ajibola

Dissertation: Sewage Pollution of Ogun and Lagos Fishing Waters: Ensuant Changes on Some Energy Metabolizing Enzymes and Nutritional Value of Prawn (*Macrobrachium macrobrachion*) Herklots, 1851

DELE-OSIBANJO Jesujomiloju Samuel

Dissertation: Sewage Pollution of Ogun and Lagos Fishing Waters: Impact on Some Energy-Producing Enzymes and Nutritional Value of Silver Catfish (*Chrysichthys nitrodigitatus*) Lacepede, 1803

ADELESI Oluwatobi Gabriel

Dissertation: Titanium Dioxide Nanoparticules-Induced Lipotoxic and Non-Lipotoxic Dyslipidemia in Plasma, Erythrocytes, Lipoproteins, Intestine and Testis of Male Albino Rats

AMUZAT Adekunle Isiaka

Dissertation: Phytochemical Screening and Non-Enzymatic Antioxidant Assessment of Propolis Extract against Oxidative Damage Associated with Streptozotocin-Induced Diabetes in Albino Rats

AYODELE Peter Folorunsho

Dissertation: Protective Effects of *Xylopia aethiopica* Fruit Ethanol Extract on Cadmium-Induced Oxidative Stress, Inflammation and Dyslipidemia in Male Albino Rats

ADEYEMO Ridwan Adekunle

Dissertation: Time-Course Effects of Acetaminophen, Diclofenac and their Combination of some Biochemical Parameters in Male Wistar Rats

OSINUGA Kehinde Temitope

Dissertation: Protective Role of Vitamin K on 7, 12-DimethylBenz[a] Anthracene-Induced Hepatotoxicity in Female Wistar Rats

Department of Microbiology

M.Sc. (Agricultural Microbiology and Biotechnology)

GBODOPE Ige Samuel

Dissertation: Efficacy of Biochar in the Management of Tomato (*Solanum lycopersicum* L.) Wilt Disease

ANYAEGBUNAM Chisom Pearlmary

Dissertation: Biochar Impact on Bacterial Community Structure and Yield of Tomato (*lycopersicum esculentum* Mill)

OLUWATOBI Folasade Bosede

Dissertation: Impact of Rice-Husk Biochar on the Root Associated Bacterial Community Structure of Screened House Tomato (*Solanum lycopersicum* L.) Plant

M. Sc. (Environmental Microbiology)

EGUNSOLA Omotunde Rukayat

Dissertation: Occurrence of Methicillin Resistant *Staphylococcus aureus* and other Bacteria on High Touch Surfaces inn Abeokuta Metropolis

M. Sc. (Food and Industrial Microbiology)

KOKO John Olusegun

Dissertation: Vinegar as a Possible Control of Microbial Contamination in Fruits and Vegetables from Abeokuta and Plasmid Profiling of the Isolates

ALBERT Olajumoke Modupe

Dissertation: Bioethanol Production from Trifoliolate Yam, Cocoyam and Cassava Starches Using Malt Enzyme from Cereals and Yeast Isolated from Palmwine

AKINKUOTU Augustina Chidiogo

Dissertation: Ethanol Production from Sawdust Pretreated with *Aspergillus flavus* and *Aspergillus japonicas*

LIFOWORA Sarah Olufunmilayo

Dissertation: Microbial Evaluation of *Ogi* Produced from Maize Fortified with Beetroot

MAKINDE Taofikat Modupe

Dissertation: Bioconversion of Starch from White Trifoliolate Yam (*Dioscorea dumentorum*) and Tacca Tuber (*Tacca leontopetaloides*) using Fungal Enzymes to Produce Glucose Syrup

AFOLAYAN Tosin Josephine

Dissertation: Occurrence and Antibiotic Susceptibility Profile of Enteric Bacteria Associated with Fresh and Smoked *Clupea harengus* and *Scomber scombrus* in Lagos and Ogun State

POPOOLA Faidat Abiodun

Dissertation: Public Health Safety Assessment: Antibiotic Resistant Bacteria and Cyanotoxins in Five Beaches in Lagos State, Nigeria

M. Sc. (Medical Microbiology and Public Health)

OYETORAN Rachel Oluwatoyin

Dissertation: Risk Assessment of Multi Drug Resistant *Salmonella* Enterica Serovars in Waste Water and Other Water Sources in Ibadan, Nigeria

AKINKUGBE Temilola Ajoke

Dissertation: Comparative Antimicrobial Activities of Some Medicinal Plants and Proprietary Antibiotics against *Candida* Species Isolated from Female Patients in Abeokuta, Nigeria

FASUYI Oluwagbemisola Christianah

Dissertation: Plasmid Profiling of *Acinetobacter baumannii* Isolated from Wounds of Patients Attending Federal Medical Centre, Abeokuta

UMEOKOLI Ifeoma Chinenye

Dissertation: Occurrence and Molecular Detection of Cefotaximases (CTX-M) in *Burkholderia* species from Clinical and Environmental Sources in Abeokuta, Ogun State, Nigeria

IBRAHIM Abimbola Rasheedah

Dissertation: Determination of R-Plasmids of *Pseudomonas aeruginosa* with MultiDrug Resistance Isolated from Hospitalised Patients with Wounds in Some Hospitals in Abeokuta

EGWUATU Sophia Onyinyechi

Dissertation: Antibacterial Efficacy of *Thymus Vulgaris* and *Syzygium aromaticum* Essential Oils against Extended Spectrum Beta-Lactamase Producing *Escherichia coli* in Urinary Tract Infections

OMORUYI Ewean Chukwuma

Dissertation: Faecal Carriage and Risk Factors of Hepatitis E Virus (HEV) Among Intensively Reared Domesticated Pigs in Abeokuta, Ogun State

ADEOTI Ayotunde Ayopo

Dissertation: Efficacy of *Lawsonia inermis* and *Ficus exasperate* Leaves as Antibacterial Agents against Multidrug-Resistant *Pseudomonas* sp Implicated in Upper Respiratory Tract Infection

BAMIDELE Raphael Abiodun

Dissertation: Sero-Epidemiology of Hepatitis B Virus Infection among Pregnancy Women in Abeokuta, Ogun State

Department of Pure and Applied Botany

M. Sc. (Plant Pathology)

ALADE Dorcas Olufunke

Dissertation: Growth Promotion and Suppression of *Fusarium oxysporum* of Pepper (*Capsicum frutescens* L.) Using organic Soil Amendments Incorporated with *Bradyrhizobium*

M. Sc. (Plant Physiology)

ADESANYA Temitope Adeshola

Dissertation: Comparative Analysis of Semi Autotrophic Hydroponic and Non-Semi Autotrophic Hydroponic Generated Cassava (*Manihot esculenta* Grantz) Plantlets for Agronomic Parameters

Department of Pure and Applied Zoology

M. Sc. (Entomology)

ADEYEMO Adebayo Rafiu

Dissertation: Evaluation of Insect Succession in Decomposing Pig (*Sus Scrofa domesticus* Erxleben) Carrion in Abeokuta

OYEBODE Grace Ifeoluwa

Dissertation: Seasonal Variation in Morphometrics and Associated Risk Factors of Pests infestation of Poultry in Odeda Local Government Area

M.Sc. Zoology (Animal Physiology)

AJAO Oluwaseun Serah

Dissertation: Chemical Analysis of some Tissues and Repellent Secretion of Adult Variegated Grasshopper *Zonocerus Variegatus* (L) (Orthoptera: Pyrgomorphidae) found in Abeokuta, Nigeria

M. Sc. Zoology (Parasitology)

OMITOLA Olaitan Olamide

Dissertation: Impact of Ivermectin Mass Treatment on Mosquito Populations in Odeda Local Government Area, Ogun State, Nigeria

IJAOLA Omotayo Shifau

Dissertation: Effects of Alcohol Consumption on Malaria Vector Host Attraction, Parasite Multiplication and Antimalarial Drug Efficacy in Mice and Rabbit

EJIKE Cynthia Uchekukwu

Dissertation: Evaluation of Schisto™ and Ladders Version 2.0 on Treatment Seeking Behaviour of School Children for Schistosomiasis Control in Yewa North LGA, Ogun State

BABALOLA Funmilola Janet

Dissertation: Usage and Abuse of Long Lasting Insecticidal Nets: Consequences on Malaria Control in Rural Communities of Odeda Local Government Area of Ogun State

ANIFOWOSE Akinjide Samuel

Dissertation: Status of Lymphatic Filariasis and Assessment on Its Elimination in some Communities of Abeokuta North Local Government, Ogun State, Nigeria

ODUWU Joshua Uzoma

Dissertation: Assessment of School Health Programmes, Soil Transmitted Helminthiasis and Nutritional Status of School-Aged Children in Odeda Local Government Area, Ogun State

BAYEGUN Adedotun Ayodeji

Dissertation: Distribution, Egg Morphotypes and Molecular Characterization of Schistosoma Eggs in a Putative Hybrid Zone in Ogun State, Nigeria

COLLEGE OF BIOSCIENCES

Department of Biochemistry

Ph.D. (Biochemistry)

BABAYEMI David Oluwagbemi

Thesis: Reversal of Environmental Pollution-Induced Perturbations in Cellular Respiration by Ascorbic Acid in Traffic Compliance and Enforcement Corps in Ogun State

ADEYI Olubisi Esther

Thesis: Arsenic-induced Perturbations in Cellular Respiration in Male Albino Rats

KEHINDE Abiodun Samuel

Thesis: Some Glycolytic Mitochondrial Energy Metabolizing Enzymes in Male Wistar Rats Exposed to Titanium Dioxide Nanoparticles

Supervisor: **Prof. O. Ademuyiwa**

AKINLOYE Dorcas Ibukun

Thesis: Biochemical Changes Associated with Administration of *Ficus exasperate* VAHL (*Moraceae*) Aqueous Leaves Extract Against Alcohol-Induced Perturbations in Male Wistar Rats

Supervisor: **Dr. R. N. Ugbaja**

METIBEMU Damilola Samuel

Thesis: Screening and Characterization of Phyto-Inhibitors of Receptor Tyrosine Kinases as Novel Drug Phyto-Scaffold in Cancer: DMBA Model of Breast Carcinoma in Wistar Rats

OLANIPEKUN Oyeyoyin Taiwo

Thesis: Evaluation of Antidiarrhoeal Potential of Bambara Groundnut (*Vigna Subterranean [L] Verde*) Condiment in Male Wistar Rats

ORE Ayokanmi

Thesis: UHPLC-ESI-QTOF-MS/MS Analysis of Hydroethanolic Extract of Defatted *Buchholzia coriacea* Seeds and its Hepatoprotective Effects in Murine Models of Acute and Chronic Hepatic Diseases

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

Department of Microbiology

Ph.D. (Food and Industrial Microbiology)

ONI Eniola Oluyemisi

Thesis: Fungal Population and Aflatoxin Control in Freshly Harvested Maize Using Solar Energy and Varied Packaging Methods among Rural Farmers in Ogun State, Nigeria

Supervisor: **Prof. F. Oluwafemi**

Ph.D. (Medical Microbiology and Public Health)

OGUNDIPE Flora Olubunmi

Thesis: Molecular Characterization of Methicillin Resistant Staphylococci Genes from Chicken Meat in three South Western Cities in Nigeria

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

OLANLEGE Abdul-lateef Olatunde

Thesis: Molecular Characterization of Clinically Isolated Dermatophytes within Lagos Metropolis and their Susceptibility to Extracts of Selected Medicinal Plants and Honey

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

ADEWALE Adams Oladapo

Thesis: Phenotypic and Molecular Characterization of Enteric Bacteria Isolated from Public Water Supplies in Lagos State, Nigeria

Supervisor: **Prof. O. M. Bankole**

Department of Pure and Applied Botany

Ph.D. Botany (Plant Physiology)

OJO Emem Shalom

Thesis: Comparative Effect of Two Phytohormones and Botanicals on the Vegetative Growth and Yield of *Citrullus lanatus* (Thumb) and *Citrullus colocynthis* (L.) Schrad

AJAYI Janet Opeyemi

Thesis: Agro-Physiological Studies on Three Members of the Curcubitaceae Family *Luffa Cylindrical* (L) Roam. *Citrulus Lanatus* (THUMB) Matsumura & Nakai and *Citrulus colocynthis* (L) Schrad

Supervisor: **Prof. D. A. Agboola**

OGUNDAIRO Busirat Odunayo

Thesis: Biosystematic Investigation of Phylogenetic Relationships and Stomata Ontogeny among Some Species of Cucurbitaceae

Supervisor: -----

Department of Pure and Applied Zoology

Ph. D. Zoology (Animal Physiology)

AJAYI Oluwafemi Anthony

Thesis: Physiological Effects of Three Commonly Used Insecticides on Three Generations of Albino Rats

Supervisor: **Prof. A. B. Idowu**

ONIFADE Esther Oluwatoyin

Thesis: Survey of Black Soldier Fly Larvae (*Hermetia illucens*) (L.) and its Biochemical Composition in Abeokuta, Nigeria

Supervisor: **Prof. A. B. Idowu**

Ph. D. (Parasitology)

AJAYI Olufunmilola Omolade

Thesis: Assessment of the Effect of Organophosphate Based Insecticidal Paint for Malaria Control among Students' Population in Osun State

Supervisor: **Prof. O. A. Idowu**

ODOEMENE Simon Nnayera

Thesis: Polyparasitism and Nutritional Status of Infants and Preschool Aged Children in Egbedore Local Government of Osun State, Nigeria

Supervisor: **Prof. U. F. Ekpo**

COLLEGE OF BIOSCIENCES

Department of Biochemistry

Ph.D. (Biochemistry)

AKINTEHINSE Olutunmise Victoria

Thesis: Marijuana-induced Alterations in Cellular Respiration in Male Wistar Rats

Supervisor: **Prof. O. Ademuyiwa**

ILESANMI Funmilayo Florence

Thesis: Antioxidant and Antidiabetic Potentials of Combined Methanol Extracts of *Moringa Oleifera* Leaves and *Cajanus Cajan* Seeds in Streptozotocin – Induced Diabetic Rats

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

Department of Microbiology

Ph.D. (Medical Microbiology and Public Health)

OMODARA Olusegun Victor

Thesis: Epidemiology, Phytochemistry and Efficacy of Plant Metabolites against Superficial Mycopathogens Identified in some South Western States, Nigeria

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

Department of Pure and Applied Zoology

Ph.D. Zoology (Parasitology)

OLORUNNIYI Omojola Felix

Thesis: Malaria Infection and Transmission in some Peri-Urban and Rural Communities in Ekiti State, Nigeria

BABALOLA Ayodele Samuel

Thesis: In Vivo Antiplasmodial, Biochemical and Pathological Effects of Three Commonly used Anti-Malaria Plants in Pregnant Mice Infected with *Plasmodium Berghei*

Supervisor: **Prof. O. A. Idowu**

MOGAJI Hammed Oladeji

Thesis: Spatial Epidemiology of Soil Transmitted Helminthiasis and Assessment of Water, Sanitation and Hygiene Resources in Ogun State, Nigeria

Supervisor: **Prof. U. F. Ekpo**

Ph. D. Zoology (Animal Physiology)

KEHINDE Festus Olasehinde

Thesis: Non-Visual Effect of Artificial Light at Night (ALAN) Spectra on the Physiology of Laboratory Rat (*Rattus norvegicus* var. *albinus*)

Supervisor: **Dr. G. A. Dedeke**