**AJAYI, EMMANUELLA ADEWUMI**

**No 3, Omega Paint Street,**

**Opposite Total Fueling Station,**

**Along Arab Road, Phone Number: +234 703 581 0607 Kubwa, Abuja. Email: adewumiajayi89@gmail.com**

**PROFILE**

A highly motivated and dedicated Biomedical scientist with passion for educating young minds and carrying out good laboratory practices. My experience cuts across advance medical laboratory techniques to basic laboratory skill, sample collection for both diagnostic and research purposes, teaching and supervisory skills in modern trends in medical services.

I also have knowledge in laboratory instrumentation, documentation and record keeping using databases, calibration and troubleshooting.

**EDUCATION**

Ladoke Akintola University of Technology, Ogbomoso, Oyo*.*

Bachelor of Medical Laboratory Science March 2020

**WORK EXPERIENCE**

**University of Medical Sciences, Ondo (Center for Molecular Biosciences and Medical Genetics);** Medical Laboratory Scientist

November 2023 – Present

* Performs Nucleic acid extraction using Qiagen and Zymo products
* Performs amplification of biological samples using conventional and real time PCR machines ( CFX96 BioRad, Vertim PCR).
* Monitoring the maintenance of laboratory equipments such as
* Monitoring the maintenance stored samples and reagents at appropriate temperatures
* Handles biological samples pre-analysis i.e collection and pre-processing
* Acts as technical support for hands-on-trainings on molecular techniques

**Institute Of Human Virology of Nigeria;** GeneXpert Consultant

April 2023 – November 2023

* Conducting Tuberculosis diagnosis (Xpert MTB/RIF assay and Smear Microscopy)
* Performing daily, weekly, monthly and annual maintenance of GeneXpert machine and other laboratory equipment as required
* Receive, sort and register specimens for testing
* Giving feedback (test result) to requesting facilities using the laboratory tracking template
* Training and supervising interns and students on best practices for GeneXpert procedures

**Agape Love Laboratory, Abakaliki;** Medical Laboratory Scientist

August 2022 – January 2023.

* Conducting basic laboratory test such as microscopy for malaria parasite count, WBC differential count, serological screening, Seminal Fluid Analysis etc
* Supervising and mentoring junior BMLS, MLA and MLT on basic lab. testing procedures and competency assessment
* Preparation of stains and reagents for laboratory use
* Participation in undergraduate research work

**General Hospital Onicha, Ebonyi;** Medical Laboratory Scientist Corp Member

Feburary 2022 – Feburary 2023.

* Performed HIV screening, sample collection and preparation for viral load and sample collection and analysis of CD4 count for HIV patients
* Maintained strict confidentiality by keeping laboratory information of patients.

**National Hospital, Abuja;** Medical Laboratory Scientist Intern

December 2020 – December 2021.

* Maintained records, files, and logs of works performed in laboratory notebooks and computer databases (LIMS)
* Performed a variety of laboratory-based sampling, testing, measuring, recording, and analyzing of results in the chemical, haematological, microbiological, histological and serological areas used in diagnosis, treatment, and prevention of disease.
* Conducting daily laboratory quality controls for ARCHITECT c4000 clinical chemistry analyzer and XT-4000i haematological analyzer
* Carried out screening for Tuberculosis on biological samples such sputum, aspirate etc using GeneXpert machine and AFB smears
* Processing of biological tissue samples using ATP, sectioning, and staining of tissue sections (general H&E, specialized staining and immunochemistry)
* Provided test results for patients’ diagnosis and treatment by operating haematology analyzers (performing manual and automated methods of differentials ), clinical chemistry analyser, HPLC and ISE machines
* Ensured the patients received compatible blood/blood components by completing blood typing, antibody screening, compatibility testing, and antibody identification procedures.
* Maintained strict confidentiality by keeping laboratory information of patients.
* Successful management of the Institution’s Blood Bank

**Degits Laboratory, Abuja;** Pre-InternMedical Laboratory Scientist

July 2020 – November 2020.

* Conducting basic laboratory test such as microscopy for malaria parasite count, WBC differential count, serological screening etc
* Media preparation and sterilization
* Performing haemoglobin genotyping

**CONTINUING EDUCATION**

* Women Biomedical Research Advancement Project Training, Drosophila Research and Training Center 2024
* Bioinformatics Virtual Research Internship, GENOMAC 2024
* Science of Stem Cell, American Museum of Natural History 2024
* Whole Genome sequencing of Bacterial: Tools and Applications,

Technical University of Denmark 2024

* Academic writing skills, INASP 2024
* Foundational skills for Social sciences and Health research, INASP 2024
* Fundamentals of Immunology I 2022
* Immunoinformatics, Helix Biogen Institute 2022
* Designing and development of therapeutic peptides, Helix Biogen Institute 2022
* Laboratory equipment management, Pegisol Consultancy 2022
* Introduction to Bioinformatics, OmicLogic Africa 2022
* Basic Molecular Biology (1-4), Center for Disease Control and Prevention 2022
* Jobberman soft-skill Training, Jobberman 2022
* PCR and its diagnostic importance in infectious diseases, Young Medical Laboratory Scientists 2021
* Introduction to the Biology of Cancer, Johns Hopkins Univervity 2020
* Understanding Cancer Metastasis, Johns Hopkins University 2020

**PROFESSIONAL REGISTRATION**

Associate of Medical Laboratory Science Council of Nigeria (RA31785) August 2021

**LEADERSHIP ROLES**

* Head Usher, National Fellowship of Medical Laboratory Science Students 2018-2019
* MLS Mobilization Officer, Mission Sending Force. 2018-2019
* Evangelism Coordinator 2, Baptist Corpers’ Fellowship 2022-2023

**VOLUNTEER EXPERIENCE**

* Uniosun Teaching Hospital Blood Drive 2019
* Abuja Medifest (1&2) 2020
* Willows Africa Humanitarian Foundation 2023

**SKILLS**

* Listening and communication
* Good clinical laboratory practices
* Innovative and creative thinking
* Multitasking and resilience
* MS Office

**HOBBIES**

* Reading
* Sewing

**REFEREES**

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Email: eobamisaye@abuad.edu.ng

* Pastor Adeniji D.T

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