CELESTINA

**PERSONAL DATA**

Gender: Female

Nationality: Nigerian

State of origin: Ondo

Date of Birth: 29th December 1998

Marital Status: Single

Home Address: Oke-Odu Quarters, Akure, Ondo State

Mobile No: 08168123853

Email: olafusicelestina@gmail.com

**CAREER OBJECTIVES**

To develop a career within a vibrant organization with high growth potential that facilitates staff capacity amplification through continuing education in research development, methodologies and implementation, research ethics oversight, international and national collaborations and partnerships, implementation assistance and research dissemination.

**RESEARCH SKILLS AND KEY COMPETENCES**

* Animal model handling (feed and medicinal herbs extract, organ extraction and collection of blood samples)
* Gene expression using Polymerase Chain Reaction and ELISA
* Clinical application of *In vitro* fertilization
* Spectrophotometric analysis for antioxidant assays such as FRAP, DPPH, SOD etc
* Data analysis
* Ability to adapt to different work environments,
* Ability to work under minimum supervision,
* Team-work abilities and management skills,
* Proficiency in computer usage and internet application,
* Ability to work under pressure and with good speed.

**RESEARCH INTEREST**

Using molecular bioscience and biotechnology as a golden tool in inventing new approaches for vaccine and drug development from medicinal transgenic plants which have active compounds against cancer. It will involve the modification of medicinal transgenic plants with important traits to increase the nutritional quality of foods, which can improve diet-related health conditions. Modified medicinal transgenic plants will enhance crop yields, harvesting and increase marketable and presentable crops of improved nutritive value. Such innovations will allow for easier access, cheaper production of vaccines and drugs and an alternative way to generate income thus, reducing the mortality rate caused by diet-related cancers and improving standard of living globally, nationally and locally.

**EDUCATIONAL QUALIFICATIONS OBTAINED WITH DATES**

* **B.Sc. Biochemistry (First Class Honors)**

University of Medical Sciences, Ondo State, Nigeria. 2019

* **Senior School Certificate Examination**

St Louis Girls Grammar School, Akure, Ondo State, Nigeria. 2014

**OTHER CERTIFICATES & AWARDS OBTAINED WITH DATES**

* National Youth Service Corps (NYSC) 2021

Discharge Certificate.

* Best graduating student, Department of Biochemistry, UNIMED 2019
* Overall best graduating student, UNIMED 2019
* Overall best female graduating student 2019
* Best graduating student, Faculty of Basic Medical Sciences, UNIMED 2019

**WORK EXPERIENCE AND WORKSHOP ATTENDED**

**University of medical sciences, Ondo** 2021 to date

* Graduate Assistant, Department of Biochemistry

**National Youth Service Scheme** 2020-2021

* Co-Scientist, TETFUND project for male infertility (UNIMEDTH, CERHI & WHARC)
* Member research team, TETFUND project for twinning (TRIGAS Laboratories)
* Member research team, TETFUND project for antidiabetic studies (TRIGAS Laboratories)
* Co-Scientist, Centre of Excellence for Reproductive and Health Innovation (CERHI)

**Industrial training attaché** 2018-2019

* Laboratory assistant, University of Medical Sciences Teaching Hospital (carried out laboratory tests in hematology, microbiology and chemical pathology departments)

**National workshop on Space Technologies and Health. Theme:** Harnessing space science and technologies to advance National Health.

**Central Office for Research and Development (CORD) Capacity Building Workshop. Theme:** Ethical Issues in Academia, Research and Publication

**OTHER ACTIVITIES**

* Reading

**REFEREES**

**Prof. Friday Okonofua Prof. Akhere Omonkhua**

Department of Obstetrics & Gynecology Department of Medical Biochemistry

University of Benin Teaching Hospital University of Benin

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