

# OLUWASEUN MARTINS OWOLABI

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## OBJECTIVE STATEMENT

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A biochemist with expertise in molecular biology and biophysics committed to advancing cancer research to the next level through a dogmatic, personalized, and collaborative process

## EDUCATION

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**University of Ibadan, Ibadan, Oyo State, Nigeria.**

April 2025 - present

Master of Science in Biochemistry (Cancer Research and Molecular Biology)

**Olusegun Agagu University of Science and Technology, Okitipupa, Ondo State, Nigeria.**

February 2024

Bachelor of Technology in Biochemistry

**Final Grade:** First Class Honors

CGPA:4.79/5.0

## RESEARCH EXPERIENCE

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**Research Assistant/NYSC**

National Agency for Food and Drug Administration and Control, Central Laboratory, Oshodi, Lagos State.

July 2024 – Present

- Operated on UV-SPECTROPHOTOMETER, HPLC and GC-FID instruments
- Analyzed and Interpreted peaks with Agilent software

**Undergraduate Researcher, Department of Biochemistry**

April 2023 – September 2023

Olusegun Agagu University of Science And Technology, Okitipupa, Ondo State, Nigeria.

**Advisor:** Dr Cecilia Oluwamodupe

**Project:** Molecular study on involvement of KEAP-1 and HO-1 genes in metabolic pathways and histochemical analysis of kidney in *azadiractin* and *quillaja saponin* treated diabetic rats.

## SKILLS

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**Technical Skills:** Animal Handling, Gel Electrophoresis, Practical usage of laboratory equipment, Biochemical assays, Enzymatic assays, Data analysis

**Soft Skills:** Critical thinking, Problem solving skills, Public speaking, Excellent written and communication skills, Excellent Leadership and organizational abilities **Other Skills:** Soccer, Chess, indoor games

## **PRESENTATIONS**

**Undergraduate Project Research, Department of Biochemistry, OAUSTECH, Ondo State, Nigeria** September 2023

**Title:** Molecular study on involvement of KEAP-1 and HO-1 genes in metabolic pathways and histochemical analysis of kidney in *azadiractin* and *quillaja saponin* treated diabetic rat.

**Mode of Presentation:** Oral and Power-point **Seminar Presentation, Department of Biochemistry, OAUSTECH, Ondo State, Nigeria**

March 2023

**Topic:** Paradox role of oxidative stress in cancer

**Mode of Presentation:** Oral and Power-point **TEACHING AND MENTORING EXPERIENCE**

**Academic Tutor**

2018 – 2024

Department of Biochemistry, Olusegun Agagu University of Science and Technology, Okitipupa, Ondo State, Nigeria

- Coached and mentored prospective undergraduates
- Prepared academic materials and organized tutorials for colleagues and other students at lower levels.
- Established good reading culture among colleagues
- Conducted series of webinars to educate biochemistry students

**Laboratory Mentor**

2023 - 2024

- Facilitated a learning session in explaining the use of laboratory equipment to peers
- Engaged in actively instructing colleagues in research procedures and putting them through on what to do as I was appointed the research team leader

## **HONORS & AWARDS**

Best Graduating Student, Department of Biochemistry, OAUSTECH, Ondo State, Nigeria 2024

Best Graduating Student, Faculty of Science, OAUSTECH, Ondo State, Nigeria 2024

Digital Onboarder Certificate Award (For Participating in a Debate Competition) 2024

Dean's Honor Award

2018 – 2024

NSBS (National Society of Biochemistry Students) Award (For Hard work And Dedication to the Biochemistry Department of OAUSTECH)	2021
Ekiti State Government Bursary Undergraduate Award	2021
Pyramid Foundation Award (For Outstanding Students in Academics)	2021

## **WORK EXPERIENCE**

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**Assistant Operator** 2022

Monsoon Food Company, Ota, Ogun State Jan 2022 – Dec

Worked and performed operations in the following departments:

- Quality control department
- Packaging department
- Baking department
- Oven department

## **LEADERSHIP EXPERIENCE**

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### **Team Leader**

Final Undergraduate Research Projects, Department of Biochemistry, OAUSTECH 2023

- Collaborated with every member of the undergraduate research team in ensuring seamless interaction and understanding of the concepts of research work
- Encouraged and Motivated my team members

### **Department Representative**

Student Union Government (SUG), OAUSTECH

- Attended meetings with the university authorities on matters pertaining to student affairs
- Worked and proposed bills which aided in alleviating student hardship on campus

## **COMMUNITY SERVICE** 2023

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**Member**, Red Cross Society of Nigeria 2024 – Present

- Administering of first aid treatment
- Creating awareness and sensitizing the general public on health related topics

**General Secretary**, Digital Onboarder Community Development Service 2024 – Present

- Mentoring of young school leavers and secondary school students to self-development through digital literacy