

Rabiu Fathiat Omobukola

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RESEARCH INTEREST

Cardiac physiology | Cardiac imaging | Neuroscience

EDUCATION

Osun State University (UNIOSUN)

December 2018 – January 2023

Program: Bachelor of science, Physiology

Grade: Second Class Upper (4.32/5.00)

Undergraduate Project: *"Effect of Nigella Sativa Oil on Hypothalamic Pituitary Testicular axis in Type 2 Diabetic Male Wistar Rats...."*

Supervisor: Dr K.I Adedokun

RESEARCH EXPERIENCE

Undergraduate Research, Osun State University

May 2022 – November 2022

Project Title: Effect of Nigella Sativa Oil on Hypothalamic Pituitary Testicular axis in Type 2 Diabetic Male Wistar Rats.

- Conducted the effects of Nigella sativa oil on GnRH in type 2 Diabetic Male Wistar Rats
- Conducted effect of Nigella sativa oil on luteinizing hormone, follicle stimulating hormone and testosterone in type 2 male Wister rats.
- Accessed the cytoarchitecture of male reproductive hormones in type 2 diabetic Male Wistar Rats

WORK EXPERIENCE

Nysc Place of Primary Assignment

Ayete General hospital, Ayete, Oyo state

April 2023 – April 2024

- Assisted in day-to-day operations of the diagnostic lab, ensuring smooth workflow and adherence to protocols.
- Proficient in data collection and meticulous record-keeping.
- Proficient in handling, and preparation of various specimens for diagnostic testing, ensuring accuracy and reliability.

TEACHING EXPERIENCE

LearnHub Initiative

February 2018 – March 2022

- Provided academic assistance to other students in my department.
- Taught and mentored science students at the Muslim Student Society of Nigeria's weekend coaching class.

CERTIFICATION

- Peking University, Advance Neurobiology (Coursera) 2023

AWARDS

- Best Graduating Student, Department of physiology 2023

VOLUNTEERING/LEADERSHIP EXPERIENCE

Whatnext Facilitator

2023 cohort

Whatnext Africa

- Worked with other facilitators to visit secondary schools at Ayete, offered career talks, and sensitized them about the university's admission policies.

Federal NYSC Road Safety Club

April 2023- March 2024

- As the PRO, I worked with other corps members to educate drivers and other road users on proper use of road to minimize accident on the highway.

Diagnostic Laboratory Volunteer

Beacon Diagnostic Center

April 2024 – July 2024

- Assisted in performing and analyzing ECG and ultrasound procedure on patients.
- Gained hands- on experience with diagnostic equipment and patient interaction.
- Developing foundational knowledge in cardiovascular and ultrasound imaging

MEMBERSHIPS/AFFILIATIONS

- Student Member, Physiologic Association of Nigeria (SPAN).
2023

2018 -

SKILLS

Technical: Proficient in Microsoft Office, Microsoft Visio, Html, Css and Javascript.

Soft: Writing, critical thinking, problem-solving, good communication and interpersonal skills, and time management.

REFEREES

Available on request.