

CURRICULUM VITAE

A. GENERAL INFORMATION

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|---|---|
| 1. Name (Surname first): | ADENMOSUN, Adeola Busayo (Nee Adeyemo) |
| 2. Date and Place of birth: | 18 th July, 1990, Modakeke |
| 3. Gender: | Female |
| 4. Nationality: | Nigerian |
| 5. State of Origin: | Osun |
| 6. Local Government Area: | Egbedore |
| 7. Marital Status: | Married |
| 8. Names and Ages of Children: | Nil |
| 9. Name and Relationship of Next of Kin with phone number: | Adenmosun David, (Husband),
+2348068710132 |
| 10. Permanent Address: | No. 15, Line 3, Ayedaade community, Okinni,
Osun State |
| 11. Email address: | adeola.adenmosun@uniosun.edu.ng |
| 12. Registration with Research Gates (Yes/No): | Yes |
| 13. If Yes, Provide Research gate Link: | https://www.researchgate.net/profile/Adeola-Adenmosun?ev=hdr_xprf |
| 14. If No, why: | N/A |
| 15. Registration with Google scholar (Yes/No): | Yes |
| 16 If Yes, Provide Google Scholar Link: | https://scholar.google.com/citations?view_op=list_works&hl=en&user=BxldqjoAAAAJ |
| 17. If No, why: | N/A |
| 18. Cell-Phone Number: | +2347037597945 |
| 19. College/Faculty/Unit: | Science, Engineering and Technology/Faculty of
Basic and Applied Sciences |
| 20. Department: | Biochemistry |
| 21. Position on First Appointment with the University: | Assistant Lecturer |
| 22. Present Position and Salary: (Grade level and Step): | Lecturer II, (CONUASS 3 Step 3) |
| 23. Date of Present Position (Promotion/<u>Regrading</u>): | 4 th September, 2024 (Regrading) |

24. Is Appointment Confirmed

(Yes/No):

No

25. If No, Why Not?

Not Yet Ripe

26. Date of Confirmation of

Appointment:

N/A

B. EDUCATIONAL BACKGROUND

1. Educational Institutions attended with dates:

- i. Osun State University, Osogbo, (2020 - 2024)
- ii. Osun State University, Osogbo, (2016 - 2019)
- iii. Osun State University, Osogbo, (2009 - 2014)
- iv. Royal Comprehensive High School, Modakeke, Osun State, (2000 - 2006)
- v. Acada Nursery and Primary school, Modakeke, Osun State, (1993 - 2000)

2. Academic and Professional Qualifications with dates/ Issuing Authority and Class of Degree/ Grade Level must be indicated

a. Academic Qualifications Obtained with dates

- i. Ph.D. Biochemistry, (Toxicology option), (2024)
- ii. M.Sc. Biochemistry, (Ph.D. grade), (2019)
- iii. B.Sc. Biochemistry, (Second Class Honours (Upper Division)), (2014)
- iv. West Africa Senior Secondary Certificate, (2006)
- v. West Africa Senior Secondary Certificate, (2005)

b. Professional Qualifications and Certificates with dates: Nil

3. Other Relevant Qualifications with dates: Nil

4. Honours, Awards and Distinctions:

Nigeria Christian Corpers' Fellowship, 2015

5. Research Fellowship with dates: Nil

C. WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM (including names and addresses of employers)

- i. Agricultural Science Teacher Nawarudeen Grammar School, Osun State, 2018 to 2020
- ii. Biology Teacher Igbohomore Community High School, Oyo State, 2015
- iii. Laboratory Assistant Sam Ace Pharmaceutical Limited, Osun State, 2012

D. WORK EXPERIENCE IN OTHER UNIVERSITY: Nil

E. WORK EXPERIENCE IN OSUN STATE UNIVERSITY:

- i. Teaching and Research Assistant – 2021 to 2023
- ii. Assistant Lecturer - 2024 to 2024
- iii. Lecturer II – 2024 till date

F. CO-CURRICULAR PROFESSIONAL EXPERIENCE: Nil

G. MEMBERSHIP OF PROFESSIONAL BODIES:

- i. Member - Nigerian Society of Biochemistry and Molecular Biology
- ii. Member - Society for Medicinal Plant and Natural Product Research

H. SERVICE:

i. Service to University (Osun State University, Osogbo):

a. Department:

- 1. Level Adviser, 400 Level
- 2. Coordinator, Departmental Welfare Committee

b. Faculty: Nil

c. College: Nil

ii. Service to Community:

- 1. Choir Member – Union Baptist Church, Odi-Olowo, Osogbo (2013 till date)
- 2. Lydia President - Union Baptist Church, Odi-Olowo, Osogbo (2018 to 2020)
- 3. Facilitator - Teenagers Ministry, Union Baptist Church, Odi-Olowo, Osogbo (2025 till date)

iii. Service to Nation:

- 1. National Youth Service Corp (NYSC), 2014 to 2015
- 2. General Election Collation Officer, Orelope Local Gov., Igboho, Oyo State, February, 2015

iv. Service to International:

Reviewer for Journal of Frontiers in Pharmacology (Feb., 2025)

I. COURSES TAUGHT/CO-TAUGHT DURING THE CURRENT ACADEMIC SESSION (2025/2026)

1. Undergraduate Courses

COURSE CODE	COURSE TITLE	UNIT
BCH 291	Experimental Biochemistry I	1
BCH 305	Metabolism of Nucleic acids	2
BCH 307	Metabolism of proteins and amino acids	2
BCH 407	Plant Biochemistry	2
BCH 409	Seminar	2
BCH 202	General Biochemistry II	3
BCH 206	Food and Nutritional Biochemistry	3
BCH 406	Metabolic Regulations	2
BCH 499	Project	6

2. Postgraduate Courses: Nil

J. GRADUATE STUDIES SUPERVISION (If any): Nil

K. PUBLICATIONS:

i. Thesis/Dissertation:

- 1. Adenmosun, A. B. (2024).** Synergistic ameliorative potentials of quercetin and ascorbic acid on some biochemical markers of arsenic-intoxicated obese Wistar rats. **Ph.D. Biochemistry Thesis**, Osun State University, Osogbo, Osun State.
- 2. Adeyemo, A. B. (2019).** Evaluation of leptin and insulin hormones among obese and non-obese subjects in Osogbo, Southwest, Nigeria. **M.Sc. Biochemistry Thesis**, Osun State University, Osogbo, Osun State.
- 3. Adeyemo, A. B. (2014).** Comparative analysis between the modified feed and ethanolic extract (250 mg/kg) of *Basella alba Linn* on kidney biomarkers of acrylamide-treated Wistar rats. **B.Sc. Biochemistry Dissertation**, Osun State University, Osogbo, Osun State.

ii. Books (Authored/Co-authored): Nil

iii. Books (edited/Co-edited): Nil

iv. Monographs: Nil

v. Chapters in Books: Nil

vi. Articles in Learned Journals:

4. Adebayo, E. O., Babatunde, I. O., **Adenmosun, A. B.**, Amoo, A. T., Alabi, H. I., and Adewale, O. O., (2026). Anti-inflammatory and anti-oxidative activities of *Xylopia aethiopica* stem-bark extract on glyphosate-induced hepatotoxicity. *International Journal of Science for Global Sustainability*, 12(1), 80–94.
5. Adewale O.O., Oyelola, R. F., **Adenmosun A. B.**, Adebisi, O. A., Babatunde, I. O., Adedayo Adekomi, Johnson Oladele (2025). Pre- and post- treatment effect of water-soluble phenolics from date palm (*Phoenix dactylifera L.*) fruits in cisplatin-induced hepatotoxicity in rats. *Phytochemistry Letters*, Volume 69, Supplement, 103767, ISSN 1874-3900.
6. Babatunde I. O., Adebisi O. A., **Adenmosun A. B.**, Adeyeye, A. A., Aremu, K. H., Adewale, O. O., (2025). Phytochemical, acute toxicity and protective role of *Xylopiiaethiopica* stem-bark ethanol extract (XASEE) on glyphosate-induced nephrotoxicity in Wistar Rat. *Discover Applied Sciences* 7(10).
7. Adewale, O.O., Oyelola, R. F., **Adenmosun A. B.**, Adebisi, O. A., Babatunde I. O., Adekomi, A., Oladele, J., (2025). Pre- and post- treatment effect of date (*Phoenix dactylifera L.*) fruits phenolics in cisplatin-induced hepatotoxicity. *Toxicology Reports*, 15, Supplement, 102139.
8. **Adenmosun A. B.**, Adewale, O.O., Atere, T.G., Oyewole, O. I., (2024). Synergistic Ameliorative Capabilities of Quercetin and Ascorbic Acid on Hepatic and Pro Inflammatory Markers of Arsenic-Induced Toxicity in Obese Wistar Rats. *Fountain Journal of Natural and Applied Science*, 13(2):46-57
9. Aremu K. H., Oyewole, O. I., **Adenmosun, A. B.**, Oyafajo, L. A., Iwelewa, Z., Ademola, A., Azeez L. A., Adeleke, M., (2024). Bioactive components in *Psidium guajava* extracts elicit biotoxic attributes and distinct antioxidant enzyme modulation in the larvae of vectors of lymphatic filariasis and dengue. *Experimental Parasitology*; 261(1):108766

vii.	Review Articles:	Nil
viii.	Referred Conference Proceedings:	Nil
ix.	Un-refereed Conference Proceedings:	Nil
x.	Books Reviews:	Nil
xi.	Technical Reports:	Nil
xii.	Patents and Inventions:	Nil
xiii.	Online Journal Articles (for journal with no hard copies only):	Nil

L. CURRENT RESEARCH ACTIVITIES

i. **Funded Research:** Nil

ii. **Non-funded/Self-sponsored Research:**

Protective effects of Omeprazole and *Moringa oleifera* seed extracts on ethanol-induced ulcer model in Wistar Rat.

M. CONFERENCES AND WORKSHOP ATTENDED WITH DATES

1. 42nd Nigerian Society of Biochemistry and Molecular Biology (NSBMB) Conference at FUTA, Akure. *Biochemistry and Molecular Biology for Peace, Health, Food Security and Climate-Smart Sustainable Development in the AI Era*, 6th – 10th July, 2026
2. One-Day Academic Integrity Workshop for all Academic Staff at Olagunsoye Oyinlola Auditorium, UNIOSUN Main Campus, Osogbo. 7th April, 2026
3. 3rd Virtual Workshop of the Doctoral Academy of Nigeria (DAN) Theme: *Enhancing Research Enterprise, Planning and Management for Young Academics and PhD Students*. 22nd – 24th November, 2023
4. National Youth Service Corps Skill Acquisition and Entrepreneurship Development Training at Orelope Local Govt., Igboho, Oyo State, 2014 Batch B Service year
5. Professional Skill Development and Empowerment Training by Skillup Training Academy at Osun State University, Osogbo. 1st May, 2013.

N. EXTRA CURRICULAR ACTIVITIES:

Fashion Designing, Reading, Singing, Counselling.

O. OTHER RELEVANT INFORMATION:

Data Analysis, Proficient in MS Office applications, Excellent Report Writing and Presentation Skills.

P. SUMMARY OF CONTRIBUTION TO KNOWLEDGE:

1. My research over the years has contributed to the growing body of knowledge that indigenous plants extracts and their bioactive compounds possess therapeutic anti-inflammatory, anti-oxidative activities in several organs exposed to varying degrees of toxicants and intoxication
2. My research contributes to existing knowledge by establishing obesity as an independent systemic condition that poses significant health risks, and further demonstrates that it can exacerbate the pathogenesis of other diseases.

ADENMOSUN, Adeola Busayo (Ph.D.)

STAFF NAME

