



Adeniyi-Akee Mukaram Akintunde

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A. PERSONAL DATA

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| 1. Full Name: | ADENIYI-AKEE Mukaram Akintunde |
| 2. Date of Birth: | 5 th September, 1972 |
| 3. Nationality: | Nigerian |
| 4. Employer | Igbinedion University, Okada, Edo state of Nigeria |
| 5. Date of Assumption of Duty: | 13 th September, 2010. |
| 6. Status on First Appointment: | Graduate Assistant |
| 7. Present Status: | Lecturer II |
| 8. Date of Last Promotion/Regrading: | January 2018 |
| 11. Faculty: | Pharmacy |
| 12. Department: | Pharmaceutical Chemistry |

B. EDUCATIONAL BACKGROUND

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| 1. Higher Educational Institutions Attended With Dates: | |
| University of Ibadan, Ibadan (B.Sc) | 1990 – 1995 |
| University of Ibadan, Ibadan (M.Sc) | 2007 – 2010 |
| University of Ibadan, Ibadan (PhD) | 2013 – Date |

2. **Academic Qualifications With Dates:**
 B. Sc Chemistry(Industrial Option), Ibadan. August, 1995
 M.Sc Pharmaceutical Chemistry(Analysis), Ibadan.. October, 2011

3. **Trainings and certificates:**

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| 1. | RSA Computer literacy and information technology CLAIT (Stage 1) | 2000 |
| 2. | RSA Information business technology IBT (stages 2&3) | 2001 |
| 3. | Introduction to Research Ethics (TRREE) | 2017 |

PROFILE: I am a hardworking and highly focus scientist with good communication and computer skills. A team player, who associate, interact, and operate at all levels of activities to ensure that researches go on, get completed, and get published at a reasonable period of time. I have experience in natural products chemistry research, isolation and characterization of active compounds, cytotoxicity and hepatotoxicity evaluation of active compounds. Chromatographic and spectroscopic methods of analysis: TLC, CC, VLC, IR, UV, NMR, and MS. I am currently undergoing my PhD program in the area of Natural Product chemistry).

C. WORK EXPERIENCE

1. **Work Experience Outside the University System with Dates:**

- a. Sales assistant at Koab chemicals and scientific supplies. Agbowo, orita ui, Ibadan. Supply of range of chemicals, apparatus. Laboratory reagents and glasswares. 2008-2010
- b. Sales assistant at Esso (ROC) garage. Dover road, A2 motorway, Gravesend, Kent DA12 3BH, UK. Till operator, forecourt, shop and customer services. 2005-2006

2. **Work Experience in the University system.
 Igbinedion University, Okada, Edo state, Nigeria:**

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| a. | Graduate Assistant | August 2010 – November 2012 |
| b. | Assistant Lecturer | November 2012 – Dec 2017 |
| c. | Lecturer II | January 2018 -- Date |

Courses Taught at Undergraduate Levels:

- a. Pharmaceutical inorganic chemistry- Periodic table of elements. The properties, uses and the pharmaceutical importances of elements and their compounds.
- b. Radio pharmacy- Types of nuclear radiations. Detection, measurements and productions of radiopharmaceuticals. Physiological effects of and protection from radiations. Applications of radiopharmaceuticals.
- c. Stereochemistry- Stereoisomerism aspect involving Optical and Geometrical isomerims.
- d. Physical Pharmacy- Reaction Kinetics, Thermodynamics, and Acid-Base and ionic equilibria.

- e. Coordinating and instructing the practicals for part 2 and 3 students, and final year student project supervision.

D. MEMBERSHIP OF PROFESSIONAL BODIES:

1. Associate member of the royal society of chemistry (AMRSC)
2. Member: Nigeria society of Pharmacognosy

E. Thesis and Seminar:

1. Antimicrobial properties of 4-Carboxyl-2, 6-dinitrophenylazohydroxynaphthalenes. Afr. J. of Micro. Res. 4 (22):2444-2450. M. Sc. Thesis, 2010.
2. Relationship of absorption and bioavailability of drugs. Seminar, 2008.
3. Production of methane gas from wastes (cow dung and dried maize stalks). B.Sc.Thesis, 1998
4. Evaluation of the repellent activities of *C. limon*, *C. paradise*, *C. sinensis*, *D. Tripetala*, *J.curcas*, and *A. melegueta* against Malaria vector: *Anopheles gambiae*.Seminar, 2016.

F. Published Journal Articles:

1. Adegoke, O. A., Ogunleye, A. O, Lawal, T. O., Idowu, O. S. and Adeniyi-Akee, M. A. 2010. Antimicrobial properties of 4-Carboxyl-2, 6-dinitrophenylazohydroxynaphthalenes. Afr. J. of Micro. Res. 4 (22):2444-2450.
2. Abdulkadir Nasiru, Adedokun Oluwasegun, Adeniyi-Akee Mukaram and Okogun Joseph. In vitro evaluation of antilipid peroxidation and antimicrobial potentials of methanol extract of *Hibiscus sabdariffa* (Malvaceae): An index of potential use in male infertility treatment. American Journal of Essential Oils and Natural Products 2016; 4(4): 23-27.

G. WORKS COMPLETED:

1. Brine shrimp lethality evaluation (Cytotoxicity) of Citrus limon, Citrus paradise, and Citrus sinensis seeds methanolic extracts.
2. Aphrodisiac and antilipid peroxidation of Phoenix dactylifera (Date seeds).
3. Antidiarrhea activities of *Dennetia tripetala* fruits.
4. Comparative antidiabetes and antioxidant effect of *Anonna muricata* stem bark and seed methanolic extracts, and their total phenolic and total flavonoid contents.
5. The repellent activities of some indigenous plant materials against the Malaria vector: *Anopheles gambiae*. Proposed Journal: *Applied Entomology and Zoology*.

H. WORKS IN PROGRESS:

1. Isolation and characterization of the active repellent compounds from citrus limon seeds hexane extracts.
2. Isolation and characterization of the active repellent and insecticidal compounds from the ethyl acetate extract of *Dennetia tripetala* fruits.
3. Isolation and characterization of the active aphrodisiac and antilipid peroxidation compounds from the seeds of Phoenix dactylifera (Date seeds).
4. Comparative invitro antidiabetic activities of the seeds of citrus limon, Citrus sinensis, and Citrus paradise in comparison with the standard drug Metformin.
5. The effect of light and temperature on the stability of frusemide and vitamin c tablets.

I. CONFERENCES AND WORKSHOPS ATTENDED:

1. NSP (Nigeria society of Pharmacognosy) 2018, Port Harcourt. Paper presented: **COMPARATIVE EVALUATION OF *IN-VITRO* ANTIDIABETIC AND RADICAL SCAVENGING POTENTIALS OF METHANOL STEM BARK AND SEED EXTRACTS OF *ANNONA MURICATA* L. (ANNONACEAE)**
2. CSN (Chemical society of Nigeria) September, 2018, Conference center, University of Ibadan. Abstract accepted. Acceptance letter obtained. Paper to be presented: **REPELLENT EFFECT OF HEXANE EXTRACT AND FRACTIONS OF *CITRUS LIMON* (RUTACEAE) SEED AGAINST *ANOPHELES GAMBIAE* SL MOSQUITOES**

J. SERVICES WITHIN THE FACULTY:

1. Member, Results Coordination Committee
2. Member, Examination coordination Committee

REFEREES:

- 1, Professor A.O. Adegoke, Department of Pharmaceutical chemistry, Faculty of Pharmacy, University of Ibadan, Nigeria. Phone, 002348036381625.
- 2, Professor Peter Aziba, Pharmacology department, Prof. Dora Akunyili College of Pharmacy, Igbinedion University, Okada, Benin city, Edo state of Nigeria. Phone, 002348037234145.
- 3, Professor J.M. Oke, Department of Pharmaceutical chemistry, Prof. Dora Akunyili College of Pharmacy, Igbinedion University, Okada, Benin city, Edo state of Nigeria. Phone, 002348062179724.