**CURRICULUM VITAE**

Name: ASHIRU MOJEED AYOOLA

College/Department: Department of Chemical Sciences

Place and Date of Birth: Lagos State 19/05/1987

Nationality: Nigerian

State of Origin/Local Govt Area: Oyo State/Iseyin

Marital Status: Married

Number and Ages of Children: 1/ 2yrs

Residential Address: 533, Ladipo shogunle Agege Motor, Oshodi, Lagos.

Address for Correspondence: Biochemistry Unit, Department of Chemical Sciences

Telephone No(s):\_\_\_\_+2347039380944\_\_\_\_\_\_\_\_\_\_Mobile(s):\_\_+2347025327576\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Institutional e-Mail Address:\_ashiru.mojeed@fuo.edu.ng

Educational Institutions attended with dates

|  |  |
| --- | --- |
| **Institution** | **Date of award of degree** |
| University of Lagos, Akoka | 2020 |
| Lakode Akintola University of Technology, Ogbomoso | 2015 |

Academic Qualifications obtained with dates (Starting with the Latest: Date/Qualification/Subject)

|  |  |  |
| --- | --- | --- |
| **Date** | **Qualification** | **Subject** |
| 2020 | M.Sc | Biochemistry |
| 2015 | B.Tech | Biochemistry |

Professional Qualification(s) with dates (Starting with the Latest): NIL

Training/Professional courses attended with dates (Date/Qualification)

Bioinformatics and Drug Discovery (Principles and Practices) - 12th August, 2021.

Membership of Professional bodies/societies (Date/Professional Body/Status/Type of Membership e.g. Full/Fellow/Associate/Coordinate etc)

i. (2021) Nigerian Society of Biochemistry & Molecular Biology (NSBMB) Member Full

Work Experience with dates

Work experience in the University

Courses taught at the University Level (subject area of specialization)

**i. Undergraduate Programmes (B. Sc. Biochemistry and Nutrition from 2021 - date)**

BCH - Structure and Chemistry of Biomolecules

BCH - Introduction to Physical Biochemistry

BCH - Biochemistry (General and Medical)

BCH - Analytical Biochemistry

BCH - Bioenergetics

BCH - Pharmaceutical Biochemistry

BCH - Plant Biochemistry

BCH - Biosynthesis of Macromolecule

Postgraduate Programmes

e. g. FMS – Theory of Organisation, Organisational Behaviour comprising Management)

Arts – Arabic Philology, West African Literature, Classical Literature: NIL

b. Work experience in other organisation(s) (Date/Institution/Status/Responsibility)

2021/ University of Lagos, Akoka/ Graduate Research Assistant

* Supervision of research project proposal
* Receiving data from several sources and use database programs to maintain and update records related to project.
* Ensuring accuracy by verifying data.
* Writing of manuscript for publications
* Oral/poster presentation for publications and scientific conferences.

1. Details of Administrative and Leadership Experience in the University system (Starting with dates)

a. Administrative experience (Deanship, HoD etc)

i. 100L Course Adviser

ii. …………………….

b. Other appointments in the University

i. …NIL………………….

ii. …………………….

1. Resources (Human/Material) attracted to the University

……NIL……………….

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1. Local/Community Service (e.g. Religious/Social or Political)

……NIL……………….

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* 1. National/International Assignments (including external examinership, NUC Accreditation, Assessment for academic posts, Review of academic works for journals and academic publishers etc)

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1. Thesis/Dissertation/ (Indicate for which Degree/Discipline/Year/Institution Start with the highest Degree Date/Title/Degree/Institution)

i. Antidiabetic and Toxicity Profile of Three (3) Selected Medicinal Plants in Nigeria

1. Listing of Academic Publications
2. **Books, Monograph or Patent**

Author(s), name (surname, Initial (middle name), first name),

year, title, edition, number of volume, place of publication, publisher,

1. **Chapter(s) in Book(s**)

Author(s) “chapter title” page range, in book title, editor(s), place of publication, publisher.

1. **Journal Articles**

Author(s), year, “title” Journal name, volume/issue, series, (if applicable), page range, (DOI) document object identification (if available)

\*Temitope Isaac Adelusi, Abdul-Quddus Kehinde Oyedele, Ojo Emmanuel Mondaya, Ibrahim Damilare Boyenle, Mukhtar Oluwaseun Idris , Abdeen Tunde Ogunlana , **Ashiru Mojeed Ayoola** , John Olabode Fatoki, Oladipo Elijah Kolawole, Kehinde Busuyi David, Akintola Adebola Olayemi, (2021). Dietary polyphenols mitigate SARS-CoV-2 main protease (Mpro)–Molecular dynamics, molecular mechanics, and density functional theory investigations. doi.org/10.1016/j.molstruc.2021.131879.

\*Y.D. Igbayilola, F.A. Olaoye, O.S. Aina, **M.A. Ashiru**, A.M. Mofolorunso, (2021). Antioxidant, hypolipidaemic and heptoprotective potentials of perinatal *Thaumatococcus daniellii* leaf supplemented diet in male offspring of Sprague-Dawley rats.

.\*Igbayilola, Y. Dimeji, Aina, S. Olawale, Adekunle, M. Mofolorunso, **Ashiru, M. Ayoola** and Morakinyo, A. Olufemi, (2021). Hypolipidemic, Antioxidant and heptoprotective effects of Cucumber (*Cucumis sativus L.)* Supplemented diet in both sex of Sprague – Dawley rats submitted to Nigerian Journal of Experimental and Clinical Biosciences. Doi:10.4103/njecp.njecp\_1\_21.

1. **Encyclopaedia entries**

i. ……………………

ii. ……………………

1. **Refereed Conference Proceedings**

i. ……………………

ii. ……………………

1. **Review Articles/Book Reviews**

i. ……………………

ii. ……………………

1. **Special** e.g. Grant/fellowship, Web Presence, Award Winning Play/film, Landmark Judgement (Case)

i. ……………………

ii. ……………………

1. Research Interest (State Specific areas of investigation e.g. Gerontology as a specific area of interest in the subfield of Demography in Sociology.

**Medicinal Plants and Computational Biology**

1. Research in progress

**i.** Gas Chromatography Mass Spectrometry Fingerprint of Potential Antiviral effect of Humic Acid on Newcastle Disease Virus Protein: a Computational Mechanistic Approach

a. Introduction: Newcastle disease is a transmittable bird disease that affects both domestic and wild avian species which can be transmitted to humans (Abdisa & Tagesu, 2017). The Paramyxoviridae family of viruses is the most common cause of respiratory disease in children. The human parainfluenza viruses are part of the Paramyxovirinae subfamily, which includes mumps virus, Newcastle disease virus (NDV), Sendai virus, and simian virus type 5 (Zaitsev et al., 2004).

b. Aims/objectives: The aim was to investigate the anti-viral potential of humic acid on Newcastle disease virus protein using GCMS-fingerprint; a computational mechanistic approach.

c. Methodology: The GCMS bioactive compound of humic acid will be downloaded using pubchem and docking using Spatan-14 software would be used to derive the theoretical values.

d. Expected result: Humic acid may possess inhibitory effects on Newcastle disease virus protein.

e. contribution to knowledge/society: Humic acid have diverse uses. e.g in medicine and agrochemical.

1. Research Collaboration Experience (Date/Institution/Project)
2. Conferences/Workshops attended and papers presented with dates

i. A 2-day workshop organized by the Association of Computational Chemists (South West Zone), held at The Hall, Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria. Theme: Bioinformatics and Drug Discovery (Principles and Practices) -12th August, 2021.

ii. 1st International Conference on Alternate Sweeteners held in Federal Institute of Industrial Research Oshodi (FIIRO) Lagos, Nigeria 2018

iii. 13th Annual Research Conference & Fair held in University of Lagos, Lagos, Nigeria. 2018

iv. 5th Annual Scientific Conference of the Faculty of Basic Medical Sciences

held in College of Medicine, University of Lagos. June, 2018

1. Extra Curricular activities

Playing football and Indoor Exercise

1. Referees

1. Prof. A.S. Adekunle

Biochemistry Department, LAUTECH, , Ogbomoso

+2348060967829

[asadekunle@lautech.edu.ng](mailto:asadekunle@lautech.edu.ng)

2. Dr. J.A. Badmus

Biochemistry Department, LAUTECH, Ogbomoso

+2348035850982

jabadmus@lautech.edu.ng

3. Dr. M.O. Babalola

Biochemistry Department, College of Medicine, UNILAG.

+2348025746625

mbabalola@unilag.edu.ng