

CURRICULUM VITAE.

I. PERSONAL DATA:

- (a) **NAME:** MOHAMMED, Aishat Omowumi
- (b) **DATE OF BIRTH:** 19TH December, 1985
- (c) **CURRENT POSTAL ADDRESS:** Quarters 47, Unilorin Senior Staff Quarters, Permanent Site, Ilorin. P.M.B.1515, University of Ilorin, Ilorin, Kwara State.
- (d) **MARITAL STATUS:** Married
- (e) **TEL. NO. AND E-MAIL ADDRESS:** +2347038948557, muhdaesha@gmail.com
- (f) **DATE OF FIRST APPOINTMENT:** 9TH February, 2012.
- (g) **STATUS ON FIRST APPOINTMENT (Regular/contract):** Regular
- (h) **DATE OF LAST PROMOTION:** 1ST October, 2018.
- (i) **PRESENT STATUS & INSTITUTION:** Lecturer I, Al-Hikmah University, Ilorin, Nigeria.
- (j) **DEPARTMENT:** Biological Sciences
- (k) **FACULTY:** Natural and applied Sciences

II. UNIVERSITIES ATTENDED (with dates):

- ✓ University of Ilorin, Ilorin, Nigeria (PhD in view) 2012-Date
- ✓ University of Ilorin, Ilorin, Nigeria (M.Sc.) 2009-2011
- ✓ University of Ilorin, Ilorin, Nigeria (B.Sc.) 2004-2008
- ✓ Unilorin Secondary School, Ilorin(WASSCE) 1997-2003

III. ACADEMIC AND PROFESSIONAL QUALIFICATIONS (With Dates):

- i. Ph.D. Microbiology In View
- ii. M.Sc. Microbiology 2011
- iii. B.Sc. Microbiology 2008
- iv. WASSCE 2003

PROFESSIONAL QUALIFICATION:

- JAMB Technical personnel Examination 2018

IV. **SCHOLARSHIPS AND PRIZES:** Nil

V. **HONOURS, DISTINCTIONS AND FELLOWSHIPS:** Nil

VI. **MEMBERSHIP OF LEARNED SOCIETIES:**

- | | | |
|------|---|------|
| i. | Nigerian Society of Microbiology (NSM) | 2017 |
| ii. | Nigerian Young Academy (NYA) | 2014 |
| iii. | Nigerian Society for Experimental Biology (NISEB) | 2013 |

VII. **LENGTH OF TEACHING:** Six (6) Years

VIII. **EXPERIENCE SINCE BASIC QUALIFICATION/CAREER PROGRESSION:**

A. **Administrative Experience:** (Departmental level)

- | | | |
|-------|---|-----------|
| i. | 100 Level (Microbiology) Adviser | 2012-2013 |
| ii. | 200 Level (Microbiology) Adviser | 2013-2014 |
| iii. | 300 Level (Microbiology) Adviser | 2014-2015 |
| iv. | 400 Level (Microbiology) Adviser | 2015-2016 |
| v. | Departmental Secretary | 2013-2016 |
| vi. | Member, Departmental welfare committee | 2013-date |
| vii. | Member, Committee of office allocation | 2015-date |
| viii. | Staff adviser , National Association of Microbiology Students (NAMS), Al-Hikmah chapter | 2014-2017 |
| ix. | 100 Level (Microbiology) Adviser | 2017-date |

B. Research Experience

- i. Research Assistant in Microbiological Water purification, Microbiology Laboratory, Department of Microbiology, University of Ilorin, Ilorin. 2010-2011.
- ii. Researcher, Microbiology Unit, Microbiology Laboratory, Department of Biological Sciences, Al-Hikmah University, Ilorin. 2012-Date.

IX. RESEARCH INTERESTS:

- i. Microbial Fermentation.
- ii. Ethno Medicine.
- iii. Pharmaceutical Microbiology

X. COURSES TAUGHT (in the last three years):

(a) At the Undergraduate Level:

- i. Introduction to Ecology (BGY 102)
- ii. General Experimental Biology I (BGY 103)
- iii. Experimental Biology II (BGY 104)
- iv. Animal diversity, Forms and functions (BGY 105)
- v. Cell Biology and genetics (BGY 203)
- vi. Introduction to Microbial Genetics (BGY 205)
- vii. Immunology and Immunochemistry (MCB 303)
- viii. Microbial physiology (MCB 305)
- ix. Virology (MCB 306)
- x. Microbial genetics (MCB 307)
- xi. Bacteriology (MCB 308)
- xii. Plant Physiology (BTN 306)
- xiii. Food and Dairy Microbiology (MCB 404)
- xiv. Pharmaceutical Microbiology(MCB 405)
- xv. Medical Microbiology(MCB 406)
- xvi. Industrial Microbiology(MCB 407)
- xvii. Microbiological Quality Assurance (MCB 408)

(b) At the Postgraduate Level: Nil

XI. SUPERVISION OF POSTGRADUATE STUDENTS(List Some): Nil

XII. PUBLICATIONS:

A. THESES:

Evaluation of the antibacterial effect of ethanolic extracts of *tithonia diversifolia* leaves against *staphylococcus aureus*

B. AUTHORED AND CO-AUTHORED BOOKS: Nil

C. EDITED AND CO-EDITED BOOKS: Nil

D. PUBLISHED CHAPTERS IN EDITED BOOKS(Not more than two in a book): Nil

E. PUBLISHED JOURNAL ARTICLES:

- a. Ajiboye, T.O, Ajiboye, H.O, **Mohammed, A.O**, Yusuf, I.I, Habibu, R.S, Ibitoye, O.B, Saidu, K, Haliru, F.Z, Olamilekan, N, Uwazie, J.N, Muritala, H and Bello, S.A. (2017). Involvement of oxidative stress in protocatechuic acid-mediated bacterial lethality. *Microbiology open* 6(4): DOI.10.1002/mbo3.472.
- b. Ajiboye, T.O, **Mohammed, A.O**, Haliru, F.Z, Muritala, H, Uwazie, N, Ibitoye, O.B, Yusuf, I.I and Bello, S.A. (2016). Contribution of reactive oxygen species to (+)-catechin-mediated bacterial lethality. *Chemico-biological interactions* chempoint. 0.3beb61.
- c. Ajiboye, T. O, **Mohammed, A.O**, Bello, S.A, Ibitoye, O.B, Muritala, H and Onajobi, I.B. (2016). Antibacterial activity of *Syzgium aromaticum* seed: studies on oxidative stress biomarkers and membrane permeability using *Escherichia coli*, *Pseudomonas aeruginosa* *Staphylococcus aureus*. *Microbial Pathogenesis* 95. DOI.10.1016/j.micpath.2016.03.011.
- d. Ajiboye, T.O, Naibi, A.M, Abdulazeez, I.O, Alege, I.O, **Mohammed, A.O**, Bello, S.A, Yusuf, I.I, Ibitoye, O.B, and Muritala, H.F (2016). Involvement of oxidative stress in bactericidal activity of 2-(2-nitrovinyl) furan against *Escherichia coli*, *Pseudomonas aeruginosa* and *Staphylococcus aureus*. *Microbial pathogenesis* 91 (2016) 107-114.
- e. Ajiboye, T.O, Iliasu, G. A, Adeleye, A.O, Ojewuyi, O.B, Kolawole, F.L, Bello, S.A. and **Mohammed, A.O** (2015). A fermented sorghum/ millet based beverage, Obiolor, extenuates high-fat diet induced dyslipidaemia and redox imbalance in the liver of rats. *Science of food and Agriculture*. (wileyonlinelibrary.com) DOI 10.100/jsfa.7150.
- f. Ajiboye, T.O, Iliasu, G.A, Ojewuyi, O.B, Abdulazeez A.T, **Mohammed, A.O**, and Kolawole, F.L (2014). Sorghum-based alcoholic beverage, Burukutu, perturbs the redox status of the liver of male rats. *Food Science & Nutrition* 2(5): 591-596.
- g. **Mohammed, A.O** and Kobomoje, O.S. (2013): Production of Gibberellic acid from shea nut shell using *Fusarium moniliforme*. *Pelagia research* 3(2): 104-106

F. MONOGRAPHS: Nil

G. TECHNICAL REPORTS: Nil

H. JOURNAL ARTICLES AND BOOK CHAPTERS ACCEPTED FOR PUBLICATION: Nil

I. CONFERENCES, SEMINARS & WORKSHOPS ATTENDED (With Dates):

A. Conferences Attended with Paper;

- i. 13th Annual Scientific Conference of Nigerian Society for Experimental Biology (NISEB) held at University of Ilorin, Ilorin, Nigeria, 5th-8th March, 2013.
 - Mohammed, A.O, Omojasola, P.F. and Kobomoje, O.S. Production of Oxalic Acid from Shea fruit Waste (*Vitellaria paradoxa*) using *Aspergillus niger*.
 - Mohammed, A.O, Omojasola, P.F. and Kobomoje, O.S. Production of Citric Acid from Shea fruit Waste (*Vitellaria paradoxa*) using *Aspergillus niger*. A
- ii. 40th Annual Scientific Conference of Nigerian Society of Microbiology (NSM) held at Abubakar Tafawa Balewa University, Yelwa, Bauchi State, 4th-8th December, 2017.
 - Mohammed, A.O and Omojasola, P.F. Antibacterial effect of *Tithonia diversifolia* leaves against *Staphylococcus aureus*.
- iii. 18TH Annual Scientific Conference of Nigerian Society for Experimental Biology (NISEB) held at Landmark University, Omu Aran, Nigeria 1ST-4TH July, 2018.
 - Mohammed, A.O and Omojasola, P.F. Antibacterial effect of fractions of *Tithonia diversifolia* leaves against *Staphylococcus aureus*.

B. Workshops Attended till date:

- Bioinformatics and functional genomics organized by the West African bioinformatics research initiative held at the University of Ilorin, Ilorin, from 27th-30th July, 2015
- Pedagogical principles, Methods and techniques organized by the management of Al-Hikmah University held at the Al-Hikmah University, Ilorin, from 20th-22nd October, 2015
- Biomedical innovation and research commercialization organized by Unilorin institute of Molecular science and biotechnology and Laboratory to product centre, University of Ilorin, held at the University of Ilorin, Ilorin, from 16th-18th January, 2018.

J. BOOK REVIEWS: Nil

XIII. COMMUNITY SERVICE: Our Sisters Happiness Welfare Foundation (NGO)

XIV. EXTRA-CURRICULAR ACTIVITIES:

- ✓ Research
- ✓ Reading.
- ✓ Watching Films.
- ✓ Cooking

XV. NAMES AND ADDRESS OF THREE (3) REFEREES:

i. Prof. Joshua Olaniyan Fasoranti

Department of Biological Sciences,
College of Natural Sciences,
Al-Hikmah University, Ilorin, Kwara State,
niyanf@yahoo.com,
08035604747.

ii. Dr. (Mrs) P.F. Omojasola

Department of Microbiology,
Faculty of Life Sciences,
University of Ilorin, Ilorin, Kwara State,
folakejasola@yahoo.co.uk,
08035951352.

iii. Prof. O.M. Kolawole

Department of Microbiology,
Faculty of Life Sciences,
University of Ilorin, Ilorin, Kwara State,
tomak7475@gmail.com,
0806008849.