**CURRICULUM VITAE**

**MANSURAT BOLANLE FALANA, PhD**

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1. **EDUCATIONAL BACKGROUND**

**Institutions attended** Federal University of Agriculture, Abeokuta (2010 –2016)

**(With dates)** Federal University of Agriculture, Abeokuta (2006 –2009)

 Usmanu Danfodiyo University, Sokoto (2009 – 2010) Usmanu Danfodiyo University, Sokoto (1999 – 2004) Army Day Secondary School, Sokoto (1996 – 1999)

**Academic qualifications** Ph.D. Medical Microbiology and Public Health (2016)

 M.Sc. Medical Microbiology and Public Health (2010)

 Post Graduate Diploma in Education (Upper Credit) (2010)

 B.Sc. Microbiology 2nd Class Honors (Upper Division) (2004)

 Senior Secondary School Certificate (SSCE) (1999)

1. **RESEARCH INTERESTS**
2. Alternative antimicrobial Research
3. Herbal Medicine: Safety and Efficacy Studies on Medical Plants
4. **WORKING EXPERIENCE**
5. 2017 till date- Al-Hikmah University, Ilorin;

 **4. PUBLICATIONS (Published):**

1. **Falana, M.B.** and Nurudeen, Q.O. (2018). Antibacterial Activities and Effects of Dosage of Methanol and “Omidun” Extract of *Vitellaria paradoxa* (C.F. Gaertn) Root on Some Diarrheagenic Bacteria. ***Centrepoint Journal (Science Edition****).* 24(2): 121 – 138. (Official Journal of the University of Ilorin, Ilorin, Nigeria). [Available on the internet <http://ejournals.unilorin.edu.ng/journals/index.php/cjs/issue/view/156/Falana>].
2. Folami, S.O., Nurudeen, Q.O., **Falana, M.B.,** Ajiboye, T.O. and Bamaiyi, A.J. (2020). Involvement of Oxidative Stress in Bactericidal Activity of Vanillic acid Against *Staphylococcus aureus*. ***Annals of Clinical and Experimental Medicine***. 1(1): 67 – 72. (Official Journal of the Association of Specialist Medical Doctors in Academics, Sokoto State Chapter, Sokoto, Nigeria). [Available on the internet [Available on the internet [https://doi.org/10.47838/acem.26011977.11162020.asmeda.11.0].](https://doi.org/10.47838/acem.26011977.11162020.asmeda.11.0%5D.%20)

1. **Falana M. B**., Bankole M. O., Omemu, A.M and Oyewole, O.B. (2011). Microorganisms associated with supernatant solution of fermented maize mash omidun from two varieties of maize grains. ***Researcher.*** 3(7): 1-7. [Available on the Internet <http://www.sciencepub.net/researcher/research0307/01_5951research0307_1_7.pdf>].
2. **Falana M. B**.,   Bankole, M. O., Omemu, A. M. and Oyewole, O. B. (2012) Antimicrobial potentials of some selected microorganisms associated with supernatant solution of fermented maize mash Omidun. ***African Journal of Microbiology Research***. 6 (19): 4095-4101. [Available on the internet <https://academicjournals.org/journal/AJMR/article-abstract/50C719121388>].
3. **Falana, M. B.,** Bankole, M. O. and Afolabi, R. O. (2015). Differential Antimicrobial Effects of Conventional and Ethnobotanical Extracts from *Vitellaria paradoxa* Roots, Barks and Leaves. ***British Microbiology Research Journal***. 6 (1): 54-60.   [Available on the internet https://doi.org/10.9734/BMRJ/2015/12634].
4. **Falana, M. B.,** Bankole, M. O., Ojo, D. A. and Omemu, A. M. (2016). Haematological parameters of Diarrhoea Induced Albino rats Treated with Leaf, bark and root of V*. paradoxa* extracted using four solvents. ***International Journal of Multidisciplinary Research and Development***. 3(2): 220-224. [Available on the internet DOI: 10.28933/ijtcm-2018-07-0401].
5. **Falana, M. B.,** Bankole, M.O., Ojo, D. A. Omemu, A. M. and Bankole, S. O. (2016). Efficacy and Safety of Leaf, Bark and Root Extract of *Vitellaria paradoxa* on Diarrhoea Induced Albino Rats. ***American Journal of Microbiological Research***. 4(3): 73-76. DOI:10.12691/ajmr-4-3-1. [Available on the internet [https://doi.org/10.1016/S2305-0500(13)60060-3](https://doi.org/10.1016/S2305-0500%2813%2960060-3)].
6. **Falana, M. B.,** Bankole, M. O., Ojo, D. A. and Omemu, A. M. (2016). Comparative Phytochemical Investigation of the Various Parts of *Vitellaria paradoxa*. ***Journal of Natural Sciences Research.*** 6 (11): 74- 80. [Available on the internet https://doi.org/10.7176/JNSR].
7. **Falana, M. B.,** Bankole, M. O. and Omemu, A. M. (2016). Comparative Antimicrobial Potentials of “Omidun” Obtained from Yellow and White Maize Varieties. ***African Journal of Microbiology Research***. 10 (27): 1018-1023. [Available on the internet <https://doi.org/10.5897/AJMR2015.7870>].
8. **Falana, M. B.,** Bankole, M. O. and Omemu, A. M. (2018). *In vivo* effects of dosage of leaf, bark and root extracts of *V. paradoxa* on diarhoea-induced albino rats. ***International Journal of Traditional and Complementary Medicine.*** 3(8): 1 – 10. DOI: 10.28933/ijtcm-2018-07-0401 [Available on the internet [https://doi.org/10.1016/S2305-0500(13)60060-3](https://doi.org/10.1016/S2305-0500%2813%2960060-3)].
9. **Falana, M. B.,** Umar, A., Bankole, M. O. and Omemu A. M. (2018). Synergistic Assessment of *Lactobacillus plantarum, Aspergillus fumigatus* and Some Yeasts Isolated from “Omidun” Against Diarrheagenic Bacteria. ***International Journal of Innovative Science and Research Technology.*** 3(10): 276 – 283. [Available on the internet <https://ijisrt.com/wp-content/uploads/2018/10/IJISRT18OC70>].
10. **Falana, M.B.** and Nurudeen, Q.O. (2019). Assessment of secondary metabolites and antimicrobial activities of four solvent extracts of *Vernonia amygdalina* leaves on some selected pathogenic microorganisms. ***Pacific Journal of Medical Sciences***. 20(1): 52-63. (Official Journal of the School of Medicine and Health Sciences, University of Papua New Guinea, Papua New Guinea). [Available on the internet <https://www.pacjmedsci.com/MB%20Falana%20and%20QO%20Nurudeen%20Pac%20J%20Med%20Sci_Vol%2020%20No%201%20Nov%202019%20pp%2052-63.pdf>].
11. Abubakar, I.B., Ukwuani-Kwaja, A.N., Olayiwola, F.S., Malami, I., Muhammad, A., Ahmed, S.J., Nurudeen, Q.O. and **Falana, M.B.** (2020). An Inventory of Medicinal Plants Used for the Treatment of Cancer in Kwara and Lagos State, Nigeria. ***European Journal of Integrative Medicine***. 34: 1-10. (Article 1D: 101062). Published by Elsevier, Ireland [Available on the internet <https://doi.org/10.1016/j.eujim.2020.101062>].
12. **Falana, M. B.** and Nurudeen, Q. O. (2020). Analysis of Secondary Metabolites and *In Vitro* Evaluation of Extracts of *Carica papaya* and *Azadirachta indica* Leaves on Selected Human Pathogens. ***Notulae Scientia Biologicae***. 12(1): 57 – 73. (Official Journal of the Horticulture and Forestry Society from Transylvania). [Available on the internet <https://doi.org/10.15835/nsb12110541>].
13. **Falana, M. B**. and Nurudeen, Q. O. (2020). Evaluation of Phytochemical Constituents and in Vitro Antimicrobial Activities of Leaves Extracts of *Calotropis procera* Against Certain Human Pathogens. ***Notulae Scientia Biologicae***. 12(2): 208 – 221. (Official Journal of the Horticulture and Forestry Society from Transylvania). [Available on the internet <https://doi.org/10.15835/nsb12210699>].
14. Nurudeen, Q.O., Salimon, S.S., **Falana, M. B.,** Oweh, O.T. and Abubakar, I.B. (2020). Antioxidant activity and toxicological implications of the aqueous extract of *Phyllanthus amarus* (Euphorbiaceae) leaves in female Wistar rats. ***Pacific Journal of Medical Sciences***. 21(1): 29 – 40. (Official Journal of the School of Medicine and Health Sciences, University of Papua New Guinea, Papua New Guinea). [Available on the internet <https://www.pacjmedsci.com/QO.%20Nurudeen%20et%20al%20Pac%20J%20Med%20Sci%20Vol%2021%20No%201%20Sept%202020%20pp%2029-40.pdf>].
15. Nurudeen, Q. O. and **Falana, M. B.** (2021). Identification and Quantification of Secondary Metabolites and the Antimicrobial Efficacy of Leaves Extracts of Some Medicinal Plants. ***Zanco Journal of Pure and Applied Sciences***. 33(1): 91 – 106. (Official Journal of Salahaddin University-Erbil, Iraq). [DOI: https://zancojournals.su.edu.krd/index.php/JPAS].
16. **CONFERENCES ATTENDED AND PAPERS PRESENTED**
17. 42nd Scientific National Conference and Annual general meeting of Nigeria Society for Microbiology (NSM). Crawford University, Ogun State. 3rd- 6th, 2019. “Microbial Resources: Option for Economic Diversification”, 2019. Paper presented:
18. Nigerian society for Experimental Biology (NISEB) 19th Annual Scientific Conference and Annual General Meeting, Taraba State University, Jalingo, Nigeria. Paper presented: “Antibacterial and effects of dosage of Methanol And “Omidun” Extract of *Vitellaria paradoxa* (C.F. Gaertn) Root on some diarrheagenic bacteria”, 2019.
19. 41th Scientific National Conference and Annual general meeting of Nigeria Society for Microbiology (NSM), Umaru Musa Yar’adua University, Katsina. Professionalization of Microbiology as a Tool for Sustainable National Development, 3rd- 7th, 2018.
20. Nigerian society for Experimental Biology (NISEB) 18th Annual Scientific Conference and Annual General Meeting, Landmark University Omu-Aran, Kwara State. Experimental Biology for Food Security and Sustainable Development, 2018.
21. **WORKSHOPS ATTENDED**
22. A Webinar with Researcher Academy on Campus at Elsevier on the theme: Introduction to Scopus, Mendeley and Researcher Academy on 30 April, 2020.
23. Basic Teaching and Assessment Skills workshop for Lecturers in Al-Hikmah University, Ilorin, 2018.
24. DNA Fingerprinting Workshop by University of Agriculture Abeokuta in Conjunction with Third World Academy of Sciences, Italy and Department of Biotechnology, India, 25-29th July, 2011.
25. **EDITORIAL EXPERIENCE**
26. Reviewer to International Journal of Tropical Disease and Health (An International Journal published by Science domain International).
27. **DUTIES/ RESPONSIBILITIES**
28. Teaching all aspects of my disciplines across all levels, 2017 till date.
29. Maintaining an active research profile, 2006, till date
30. 300 Level Academic Adviser for Microbiology, 2018/2019 till date.
31. Microbiology Seminar Coordinator, Sept., 2017 -Sept., 2020
32. Drafted the M.Sc. Curriculum for Biological Sciences (Microbiology), 2019
33. Drafted the B.Sc. Curriculum and Students’ Handbook for Biology program, 2019/2020
34. **SKILLS AND CERTIFICATIONS**
* Proficient in use of MS Office
* Certificate of course completion in global health - Antimicrobial Resistance (Part 1)
* Certificate of course completion in global health - Diarrheal Disease
* Certificate of course completion in global health – Pneumonia
* Certificate of course completion in The Mohammed Bin Rashid University of Medicine and Health Sciences- Let's Break the Chain of COVID-19 Infection
* Certificate of course completion in World Health Organization, Health Emergencies program – Standard precautions: Waste Management
* Certificate of course completion in future learn, London School of Hygiene & Tropical Medicine and UK Public Health Rapid Support - Covid-19: tackling the novel coronavirus
* Certificate of course completion in World Health Organization, Health Emergencies program – Decontamination and Sterilization of Medical Devices
1. **MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS**
* Nigerian Society for Microbiology
* Society for Applied Microbiology
* Society for Experimental Biology of Nigeria
* Teachers’ Registration Council of Nigeria

1. **LANGUAGES**
* Yoruba, English and Hausa
1. **HOBBIES**

Collaborating, Volunteering,

1. **REFEREES**

 **Professor Mobalaji O. Bankole**

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