

CURRICULUM VITAE

A. GENERAL INFORMATION.

1. **Name** (Surname, Other Names): AJIGBEWU, Olaoniye Habeebat.
2. **Date and Place of Birth:** November 15, 1992; Ilaro.
3. **Gender:** Female
4. **Nationality:** Nigerian
5. **State of Origin:** Osun
6. **Local Government of Origin:** Odo- Otin
7. **Marital Status:** Married.
8. **Names and Ages of Children:** Mubashiroh Mofibisola Ajigbewu (5 years and 3 months)
Muneero Opoore Ajigbewu (1 year and 3 months)
9. **Name and relationship with Next-of-Kin:** Ajigbewu Abdulraheem F. (Husband)
10. **Permanent Contact Address:** No. 10, Behind DayStar Secondary School, Ogo-Oluwa, Osogbo, Osun State.
11. **E-mail Addresses:** olaoniye.ajigbewu@uniosun.edu.ng;
polaoniye@gmail.com
12. **Registration With Research Gates:** Yes
13. **If Yes, provide the link:** [Olaoniye Habeebat Ajigbewu\(researchgate.net\)](https://www.researchgate.net/profile/Olaoniye-Habeebat-Ajigbewu)
14. **If No, Why?** N/A
15. **Registration with Google Scholar:** Yes
16. **If Yes, provide the link:** https://scholar.google.com/citations?user=Gb6R_hSUAAAAJ&hl=en
17. **If No, Why?** N/A
18. **Cell Phone Number:** +2348132189453.
19. **College/Faculty/Unit** SET/ Basic and Applied Sciences.
20. **Department:** Microbiology.
21. **Position on First Appointment with the University:** Assistant Lecturer (Temporary)
22. **Present Position and Salary (Grade level and step):** Lecturer II/ CONUASS 3/2
23. **Date of Present Position (Promotion/Regrading):** 28th February, 2024
24. **Is your Appointment Confirmed?** No.
25. **If No, why Not?** Temporary Position.
26. **Date of Confirmation of Appointment:** Not yet due

B. EDUCATIONAL BACKGROUND

1. Educational Institutions Attended with Dates

- | | |
|--|-------------|
| a. Osun State University, Oke Baale, Osogbo, Osun State | 2020 – 2025 |
| b. Nottingham Trent University (NTU), Nottingham, UK. | 2018 – 2020 |
| c. Fountain University, Osogbo, Osun State, Nigeria. | 2013 - 2016 |
| d. Ebunoluwa International School, Ofatedo, Osogbo, Osun State | 2002-2009 |

2. Academic and Professional Qualifications with Dates /issuing Authority

- | | |
|---|------|
| a. Doctor of Philosophy (PhD) Microbiology | 2025 |
| b. Master of Science (M.Sc.) Biomedical Sciences (Commendation) | 2020 |
| c. Bachelor of Science (B.Sc.) Microbiology (Second Class Upper Division) | 2016 |
| d. Senior Secondary School Certificate (WASSCE) | 2009 |

3. Other Relevant Qualifications:

- a. Placement Diploma in Professional Practice, NTU, UK 2020

4. Honours, Awards and Distinctions

- a. High Achievers Award 2018
b. Best Research Paper, ICMBT Conference 2024

5. Research Fellowship with Dates: Nil.**C. WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM**

- a. Project Staff, POPGEC, CHVG, NIMR, Yaba, Lagos. 2020 – 2021
b. LABCON, Osogbo, Osun State, Nigeria. 2015; 2018

D. WORK EXPERIENCE IN OTHER UNIVERSITIES (Indicating names and addresses of employers).

- a. Research Technician, Department of Microbiology, School of Applied Sciences, University of the West of England, Bristol, UK. 2019- 2020
b. Laboratory Assistant, Al-Hikmah University, Ilorin, Kwara State (NYSC) 2016-2017

E. WORK EXPERIENCE IN OSUN STATE UNIVERSITY, OSOGBO, NIGERIA:**Department of Microbiology:**

- a. Teaching and Research Assistant 2021-2024
b. Assistant Lecturer 2024-2025
c. Lecturer II 2025- Present

F. CO-CURRICULAR PROFESSIONAL EXPERIENCE – Nil.

- a. Article review for European Journal of Microbiology and Infectious Diseases 2024

G. MEMBERSHIP OF PROFESSIONAL BODIES

- a. Nigerian Society for Microbiology (NSM) 2020- Present
b. American Society for Microbiology (ASM) (Global Outreach Member) 2023- Present

H. SERVICE:**1. University (Department, Faculty/College, University)**

- a. Departmental Academic Board Secretary
b. SIWES/ Entrepreneurship/Seminar Committee
c. Secretary, Laboratory Manual Review Committee
d. Member, Local Organising Committee of Ecological Society of Nigeria Annual Conference (2023).
e. Any other duties as directed by the Head of Department/Dean of Faculty/Provost of the College.

2. Community:

- a. Contributed to the genotype awareness within Ilorin, Kwara State. 2017
b. Contributed to the awareness against gender-based violence, Ilorin. 2017
c. Member, Muslim in Research and Academics 2024- Present
d. Member, The Criterion Al- Furqan, Osun District 2021- Present
e. Secretary, Dawn Coordinators Committee, The Criterion 2024- Present

3. National:

- a. National Youth Service Corps 2016- 2017

4. International

- a. President, Ebunoluwa International School Alumni Association. 2026
b. Welfare Officer, Nigeria, Nottingham Trent University Alumni Society. 2023- Present
c. Academic Course Representative, M.Sc. Biomedical Science, 2018-2019
Nottingham Trent University, Nottingham, UK

I. COURSES TAUGHT DURING 2025/2026 ACADEMIC SESSION.

1. Experimental Biology (BIO 107)	Co-taught
2. Biostatistics (MCB 209)	Co-taught
3. Basic Microbiology Techniques (MCB 231)	Co-taught
4. Pharmaceutical Microbiology (MCB 405)	Co-taught
5. Principles of Epidemiology and Public Health (MCB 403)	Co-taught
6. Aquatic Microbiology (MCB 214)	Co-taught
7. Biological Techniques (BIO 202)	Co-taught
8. Bacteriology (MCB 301) Part Time	Co-taught
9. Soil Microbiology (MCB 303) Part Time	Self-taught
10. Biological Techniques (Bio 202) Part Time	Self-taught
11. Undergraduate Project Supervision (MCB 499)	Self-taught
12. Undergraduate Seminar Supervision (MCB 421)	Self-taught

J. GRADUATE STUDENT SUPERVISION (If any): Nil

K. PUBLICATIONS

- i. Books (authored/co-authored): Nil.
- ii. Books (edited/co-edited): Nil.
- iii. Monographs: Nil.
- iv. Chapters in Books: Nil.
- v. **Articles in Learned Journal:**
 1. Oyedara, O. O., Giwa, R. B., Abuh, O. O., **Ajigbewu, O. H.**, Adeyemi, F. M., Atere, T. G., ... Rodríguez-Pérez, M. A. (2026). Physiological and microbiota profiling of African catfish (*Clarias gariepinus*) challenged with *Bdellovibrio* sp.: implications for safe pathogen control in fish production. *Journal of Applied Aquaculture*, 1–22. <https://doi.org/10.1080/10454438.2026.2700226>
 2. Titilawo, M.A., Wahab, A.A., **Ajigbewu, O.H.**, Ajigbewu, F.A., Adeyemi, F.M., Oyetunbi, D.I and Prosper, C.D. (2026). Identification, Phylogenetic Analyses and Antifungal Resistance of Filamentous Fungi Associated with Chronic Wounds. *UNIOSUN Journal of Basic and Applied Sciences*. 1(1), SSN: 3121-9837
 3. Adeyemi, F.M., Oluwayileka, A.O., Usamat, A.O., Yusuf-Omoloye, N.A. and **Ajigbewu, O.H.** (2026). Biofilm Production and Multidrug Resistance in Bacterial Isolates from Vended Meat-Pie in Osogbo. *UNIOSUN Journal of Basic and Applied Sciences*. 1(1), SSN: 3121-9837
 4. Adeyemi, F.M., Usamat, A.O., Dare, A.P., Yusuf-Omoloye, N.A., Oyedara, O.O., Wahab, A.A., Adeyemi, Z.A., Akinlade, E., Jimoh, O.M., **Ajigbewu, O.H.**, and Adegoke, A.A. (2026). Concurrent resistance and virulence traits in extremely drug-resistant *Burkholderia pseudomallei* from bovine milk samples: potential for zoonotic transmission. *Veterinary Research Communications*, 50, 105. <https://doi.org/10.1007/s11259-025-11044-9>
 5. Adeyemi, F.M., Akinlade, E.A., Yusuf-Omoloye, N.A., **Ajigbewu, O.H.**, Dare, A.P., Wahab, A.A., Oyedara, O.O., Isiaka, H.S., and Usamat, A.O. (2025). Carbapenem resistance in *Acinetobacter baumannii*: prevalence, antibiotic resistance profile and carbapenemase genes in clinical and hospital environmental strains. *BMC Infect Dis*. 25, 786 <https://doi.org/10.1186/s12879-025-11169-x>
 6. **Ajigbewu, O.H.**, Adeyemi, F.M., Wahab., A.A., Oyedara, O.O., Yusuf-Omoloye, N.A. and Ajigbewu, F.A. (2025). Occurrence of extremely drug-resistant *Klebsiella* and multidrug-resistant *Enterobacter* species in chronic wound patients. *Microbes and Infectious Diseases*. 6(1), 342-354. <https://doi.org/10.21608/mid.2024.259210.1740>.
 7. **Ajigbewu, O.H.**, Adeyemi, F.M, Wahab, A.A, Oyedara, O.O., Yusuf-Omoloye, N.A, and Ajigbewu, F.A (2025). Bacterial predatory potentials of Indigenous *Bdellovibrio* species in southwest Nigeria:

Targeting multidrug-resistant *Klebsiella pneumoniae* and *Enterobacter* species isolated from chronic wound infections. *African Journal of Clinical and Experimental Microbiology*. 26(1), 61-72. <https://dx.doi.org/10.4314/ajcem.v26i1.8>

8. Adeyemi, F. M., Oyedara, O. O., Yusuf-Omoloye, N. A., **Ajigbewu, O. H.**, Ndaji, O. L., Adegbite-Badmus, M. K., Olumakinde, T. S., & Oluokun, T. E. (2024). Guardians of resistance and virulence: detection of *mec*, *femA*, *Van*, *pvl*, *hlg* and *spa* genes in methicillin and vancomycin-resistant *Staphylococcus aureus* from clinical and food samples in Southwestern Nigeria. *BMC microbiology*, 24(1), 498. <https://doi.org/10.1186/s12866-024-03660-3>
9. Yusuf-Omoloye, N.A., Adeyemi, F.M., Sule, W.F., Luqmon, A., Oyedara, O.O., Wahab, A.A., **Ajigbewu, O.H.**, and Lateef, A. (2024). Green-synthesis, characterization, and antibacterial activity of *Azanza garckeana* seed extract silver nanoparticles against vancomycin-resistant Enterococci. *Next Nanotechnology*. 6, 100035
10. Onwuamah, C. K., Feng, N., Momoh, A. E., Uwandu, M., Ahmed, R. A., Idigbe, I., Vincent, G. D., Ogbu, C. A., Okonkwo, N., Sokei, J., Abimbola, B. S., Ojopagogo, T., Okoli, L. C., Adesina, M., Ezemelue, P. N., Sowunmi, O., Okwuzu, J., **Labo Popoola, O. H.**, Shaibu, J. O., Ohihoin, G. A., ... Ezechi, O. C. (2023). Prevalence and risk factors for high-risk human papillomavirus infection among women from three southern geopolitical zones of Nigeria. *Frontiers in oncology*, 13, 1254304. <https://doi.org/10.3389/fonc.2023.1254304>
11. Yusuf-Omoloye, N.A, Adeyemi, F.M Sule, W.F., Yusuf, W., **Ajigbewu, O.H.**, Adegbite-Badmus, M.K., Oyafajo, L.A., Oyedara, O.O., Wahab, A.A. and Akinde, S.B. (2023). Culture-dependent and molecular characterization of Vancomycin-Resistant Enterococci from clinical, food, and water samples across Osun State, Southwest Nigeria. *Scientific African*. 21: e0181
12. Adeyemi, F.M, Adegbite-Badmus, M.K, Yusuf, N.A, Oyedara, O.O, Wahab, A.A, Oluwajide, O.O, **Ajigbewu, O.H** and Adeyemi, A.U. (2022). Antibacterial Assessment of Oils from Four Plants Against Selected Gentamicin-Resistant Gram-Positive Bacteria. *Pan African Journal of Life Sciences*. 6(2): 460-471
13. Feng N, Ezechi O, Uwandu M, Abimbola B.S, Vincent GD, Idigbe I, Okoli L.C, Adesina M, Okwuzu J, Ahmed R.A, Sokei J, Shaibu J.O, Momoh A.E, Sowunmi O, **Labo-Popoola O.H**; POPGEC Team; Ohihoin G, David A, Nzeribe E, Olaleye O, Dong X.P, Onwuamah C.K. (2022). Self-collected versus medic-collected sampling for human papillomavirus testing among women in Lagos, Nigeria: a comparative study. *BMC Public Health*. 22 (1):1922.
14. Gonzalez-Gonzalez, C.R **Labo-Popoola, O.H**, Delgado-Pando, G, Theodoridou, K., Doran, O. & Stratakis, A.C. (2021). The effect of cold atmospheric plasma and linalool nano-emulsions against *E. coli* O157:H7 and *Salmonella* on ready-to-eat chicken meat. *LWT - Food Science and Technology* 149. 111898. <https://doi.org/10.1016/j.lwt.2021.111898>
15. Jimoh S.O, **Labo-Popoola O.H.**, Alabi K.A. 2017. Radical Scavenging Capacity and Efficacy of *Myristica fragrans* (Nutmeg) Metabolites on *Cladosporium herbarium* of Food Origin. *Microbiology Research Journal International.*; 20(1):1-8.

vi.	Review Articles:	Nil.
vii.	Refereed Conference Proceedings:	Nil
viii.	Un-referred Conference Proceedings.	Nil
ix.	Book Reviews:	Nil.
x.	Technical Reports:	Nil.
xi.	Patents and Inventions:	Nil.
xii.	Online Journal Articles (for journals with no hard copies only):	Nil.

L. CURRENT RESEARCH ACTIVITIES

1. Funded Research: Nil

2. Non-Funded/Self-Sponsored Research:

- i. Surveillance of the multidrug resistance patterns of ESKAPEE pathogens from post-operative wound infections

M. CONFERENCES and WORKSHOP ATTENDED (Indicating titles of papers presented if any).

1. Conferences

- i. Education and Outreach Network (EON) Winter Conference, Microbiology Society. (Virtual). 7th November 2025
- ii. International Biotechnology Conference (BIOTECH 2025), Federal University of Technology, Akure, Ondo State, Nigeria. 28-31 October 2025. (***Bdellovibrio* PW6 Effects on Haemato-biochemical Profiles and Stress Enzymes of African Catfish: Safe Pathogen Indication in Fish Production**)
- iii. International Conference on Microbial Technologies for Sustainable Development (ICMBT-2024) (Virtual). 22- 24 August 2024. (**Occurrence of extremely drug-resistant *Klebsiella* and multidrug-resistant *Enterobacter* species in chronic wound patients**)
- iv. College of Natural and Applied Sciences 2022 (CONAS 2022). Fountain University, Osogbo, Osun State, Nigeria (**Antibacterial activity of cold atmospheric plasma (CAP) and nano-emulsified Linalool Wash (LW) against *Escherichia coli* O157:H7 and *Salmonella* in Ready-to-eat-chicken**)
- v. 1st International E-Conference on New Horizon in Biochemistry, Microbiology and Food Technology (BMFT-2020). 12-13 October 2020. (**Characterisation of *Cronobacter sakazakii* ST types linked with neonatal infections**).
- vi. 3rd University of Nottingham/ Nottingham Trent University Microbiology Forum, University of Nottingham, Sutton Bonington Campus, Nottingham. 9 January 2020

2. Workshops

i. Osun State University

Participant, One-Day Academic Integrity Workshop for all newly appointed academic Staff April 7, 2026

N. EXTRA-CURRICULAR ACTIVITIES

Reading, Travelling and Praying.

O. ANY OTHER RELEVANT INFORMATION –

Nil.

P. SUMMARY OF CONTRIBUTION TO KNOWLEDGE

My previous research work provides data on the isolation and partial genomic characterisation of predatory bacteria known as *Bdellovibrio* spp as well as their potential application in controlling Gram-negative bacteria commonly associated with chronic wound infections. It also included the isolation and identification of *Klebsiella* and *Enterobacter* spp from chronic wounds. Future research ideas in this area include the further isolation and characterisation of additional *Bdellovibrio* spp. and bacteriophages, as well as the exploration of suitable delivery options for their therapeutic applications.

My current research focuses on active surveillance of the ESKAPEE pathogens from post-operative wound infections particularly the Gram-negative members. This study will further contribute to the knowledge on the multi-drug resistance patterns of these organisms, and this will subsequently guide the search for

alternative therapeutics. With regards to alternative therapies, I intend to further isolate and characterise more predatory bacteria with biocontrol potentials and apply them in the best possible way.

Q. NAMES AND ADDRESSES OF REFEREES

1. Prof. Monsuru Adebayo, Adeleke:
Deputy Vice Chancellor (Academic), Federal University of Health Sciences Ila-Orangun, Osun State
+2347038257702, dvc@fuhsi.edu.ng
2. Dr. Chika Kingsley Onwuamah
Chief Research Scientist and Team Lead, Population Genomics and Cancer Group, Nigerian Institute of Medical Research
+2348037191387; ck.onwuamah@nimr.gov.ng
3. Dr. Folasade Muibat Adeyemi
Associate Professor, Department of Microbiology, Osun State University
+2348034940747; Folasade.adeyemi@uniosun.edu.ng.

AJIGBEWU, Olaoniye Habeebat (Ph.D.)

03/08/2026

Date