

CURRICULUM VITAE

FOR

OLALEYE ENIOLA DOLAPO

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Personal Details

Date of Birth: 25th September 1984

Sex: Female

Nationality: Nigerian

State of Origin/LGA: Osun State, Oriade LGA, Nigeria

Place of Birth: Kaduna State, Nigeria

Languages: English, Yoruba

Areas of expertise/skills/abilities

- Good communication skill
- Teamwork and Collaboration
- Professionalism
- Self-management and initiative
- Creative and critical thinking
- Listening ability

Education

Institution	Degree(s)	Grade
University of Essex, Essex, United Kingdom; 2014-2020	PhD Molecular Medicine (Medical Microbiology)	–
University of Leeds, Leeds, United Kingdom; 2010-2011	MSc Bioscience (Infection and Immunity)	Pass with Merit
Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria; 2002-2007	BSc (Hons) Microbiology	First Class Degree
Federal Government Girls' College Bakori, Katsina State, Nigeria; 1994-2000	West African Examination Council Result	Biology (B), Maths (B), English (C), Economics (B)

Publications

Thesis/Dissertation

Olaleye, E. D. (2020) 'Pathogenic Potentials of Clinical MRSA Isolates from the UK and Nigeria: A Comparative Study'. A research thesis submitted to the School of Biological Sciences, University of Essex, for the degree of Doctor of Philosophy in Molecular Medicine (Medical Microbiology).

Olaleye, E. D. (2011) '*In vivo* and *in vitro* analysis of the *Staphylococcus aureus* mupirocin resistance protein, *MupA*'. An MSc. thesis submitted to Faculty of Biological Sciences, University of Leeds, for the degree of Master of Science in Bioscience (Infection and Immunity).

Olaleye, E. D. (2007) 'Analysis of the antimicrobial susceptibility pattern of staphylococci isolated from the outer ears of men in Obafemi Awolowo University'. A project submitted to the Department of Microbiology, OAU, Ile-Ife, for the award of Bachelor of Science Degree (Hons.) in Microbiology.

Peer Reviewed Journal Article

Li, J., Olaleye, E., Kong, X., Zhou, T., Ma, Y., Jurach, J., Al Rugaie, O., Hider, R. C., Zhang, G., Alsam, S. and Abbate, V. (2016) 'Macromolecular iron-chelators via RAFT-polymerisation for the inhibition of methicillin-resistant *Staphylococcus aureus* growth', *Polymer*, 87, 64-72

Book Chapter

Fayemi, O. E., Elegbeleye, J. A., Akanni, G. B., Olaleye, E. D., Ogunremi, O. R., Kaindi, D. W., Okunbi, F. O. and Ayansi, J. A. (2023) 'Bioactive phytochemicals in the development of alternative medicine', in Onuh, J. O. and Pathak, Y. V. (eds), *Plant food phytochemicals and bioactive compounds in nutrition and health*, CRC Press (In press)

Conference Presentations

Posters

Olaleye E. D., Alsam S. 'The inhibitory effect of novel iron-chelators on MRSA and their cytotoxic effect on KB epithelial cell line'. Poster presented at the 14th Annual Graduate Forum of the School of Biological Sciences, University of Essex, September 2015, Colchester, England

Olaleye, E. D. and Alsam, S. 'A study on the differences between the antibiotic susceptibility and virulence patterns of UK and Nigerian MRSA isolates'. Poster presented at Microbiology Society Annual Conference, April 3 – 6, 2017, Scotland, United Kingdom

Adefioye, O. J., Olaleye, E. D. and Feruke-Bello, Y. M. 'Prevalence and Antibiotic Resistance Patterns of ESBL-Producing *Escherichia coli* from Food-Producing Animals, Animal Food Products and Humans in South-West Nigeria'. Poster presented at the 2nd International Conference of the Faculty of Natural Sciences, AjayiCrowther University, 4th – 6th April, 2022, Oyo, Nigeria.

Adefioye, O. J., Olaleye, E. D. and Feruke-Bello, Y. M. 'Molecular Characterization of Hyper-Virulent Multiple Drug Resistant *Pseudomonas aeruginosa* Strains from Clinical Samples in a Tertiary Teaching Hospital, Osogbo, Nigeria. Poster presented at the 2nd International Conference of the Faculty of Natural Sciences, AjayiCrowther University, 4th – 6th April, 2022, Oyo, Nigeria.

Robert-Samuel, M. A., Ayolabi, C. I. and Olaleye, E. D. 'Detection of Hepatitis B Virus and Human T-lymphotrophic Virus 1 Infections in Blood Donors and Sickle Cell Anaemia Patients in LASUTH'. Poster presented at the 2nd Annual MTU CBAS Conference, 11th – 12th October 2023, Ogun State, Nigeria.

Osoneye, O. G., Ayolabi, C. I. and Olaleye, E. D. 'Serological Detection of Human Parvovirus B19 and Human Immunodeficiency Virus Sickle Cell Anaemia Patients and Blood Donors in LASUTH, Ikeja, Lagos State'. Poster presented at the 2nd Annual MTU CBAS Conference, 11th – 12th October 2023, Ogun State, Nigeria.

Oral

Olaleye, E. D. and Alsam, S. ‘A study on the differences between the virulence patterns of UK and Nigerian MRSA isolates’. Presentation given at the 16th Annual Graduate Forum of the School of Biological Sciences, University of Essex, September 2017, Colchester, England.

Zaccheaus, E. O., Kalu, U. A., Olaleye, E. D. and Oyerinde, O. R. ‘Methicillin-resistant *Staphylococcus aureus* infection in children with co-infection of malaria in a tertiary health facility in Ogun state’. Presentation given at College of Basic and Applied Sciences Mountain Top University 2nd Annual MTU CBAS Conference, October 11 – 12, 2023, Ogun State, Nigeria.

Awards and Grants

DKOMFA-MTU Research Grant in support of local research and MTU research scholars **2022**

Project Title: ‘Molecular Characterization and Immunological Interplay of *Plasmodium falciparum* and *Staphylococcus aureus* bacteraemia among hospitalized children in a secondary health facility in Ogun State’

Total Fund: ₦1,994,625

Co-principal Investigator

Conferences/Workshops/Summits Attended

Date of Conference/Workshop/Training	Name of the Conference/Workshop/Training	Nature of Conference/Workshop/Training	Organising Body/Host Institution
July 2015	The Essex Biomedical Sciences Institute (EBSI) Conference	Onsite	Essex Biomedical Science Institute
September 2015	14 th Annual Graduate Forum of the School of Biological Sciences, University of Essex	Onsite	University of Essex
28 th – 30 th September 2015	Institute of Biomedical Science (IBMS) Congress	Onsite	Institute of Biomedical Science
3 rd – 6 th April 2017	Microbiology Society Annual Conference	Onsite	Microbiology Society
September 2017	16 th Annual Graduate Forum of the School of Biological Sciences University of Essex,	Onsite	University of Essex
25 th -27 th September 2017	Institute of Biomedical Science (IBMS) Congress	Onsite	Institute of Biomedical Science (IBMS)
April 2022	‘Antimicrobial Resistance-Genomes, Big Data and Emerging Technologies’ Conference	Virtual	Wellcome Connecting Science
17 th May 2022	Microbiology and infectious disease summit 2022	Virtual	SelectScience
9 – 11 November 2022	Virus Genomics and Evolution 2022	Virtual	Wellcome Connecting Science
10 th October 2022 - 18 January 2023	Harmonisation, Accreditation and Quality Assurance in African Higher Education (HAQAA2) MOOC Series	Virtual	OBREAL Global
13 – 15 March 2023	Synthetic Biology for Future Health 2023	Virtual	Wellcome Connecting Science
3 – 5 May 2023	Applied Bioinformatics and Public Health Microbiology 2023	Virtual	Wellcome Connecting Science
21 st – 22 nd August 2023	Capacity Building (Masterclass) Effective Grantsmanship Workshop	Onsite	Centre for Research, Innovation and Collaboration, Mountain Top

			University
3 rd – 4 th October 2023	Research and Development Planning and Grantsmanship Workshop,	Onsite	Centre for Research, Innovation and Collaboration, Mountain Top University,
5 th October 2023	Capacity Building on Guidelines for Effective Delivery of CCMAS	Onsite	Directorate of Academic Planning, Mountain Top University
11 th – 12 th October 2023	2 nd Annual MTU CBAS Conference, ‘Advances in Science and Technology for Sustainable National Development’	Onsite	College of Basic and Applied Sciences Mountain Top University

Research and work experience

Organization/Department	Position	Dates (from – to)	Description
Department of Biological Sciences, Mountain Top University, Prayer City, Ogun State, Nigeria.	Microbiology Lecturer (Lecturer II)	March 2022 till date	<ul style="list-style-type: none"> ▪ Lecturing both undergraduate and postgraduate students in different microbiology courses such as Pathogenic Microbiology, Pharmaceutical Microbiology, Immunology, Principles of Epidemiology and Public Health, Biodeterioration and Introductory Microbiology. ▪ Supervising undergraduate and Master’s students projects; ▪ Level adviser of the current 200 L microbiology students since their first year.
Department of Biological Sciences, Ajayi Crowther University, Oyo Oyo State, Nigeria.	Microbiology Lecturer (Lecturer II)	February 2021 – February 2022	<ul style="list-style-type: none"> ▪ Lectured both undergraduate and postgraduate students in courses like Virology, Microbial Physiology and Metabolism, Microbial Genetics and Molecular Biology, Antimicrobial Agents and Chemotherapy and Environmental Microbiology. ▪ Co-supervised Master’s student’s project. ▪ Supervised seminars of postgraduate and undergraduate students. ▪ Was a level adviser from February 2021 till February 2022.
School of Life Sciences, University of Essex, Essex, United Kingdom.	Graduate Laboratory Assistant	October 2015 – October 2018	<ul style="list-style-type: none"> ▪ Assisted with the smooth running of microbiology laboratory sessions. My mandate was to explain the experimental procedures and provide answers to questions from students.
Professor Adebayo Shittu Laboratory, Department of Microbiology,	Graduate Assistant	July 2013 – September 2014	<ul style="list-style-type: none"> ▪ I was involved in a project to identify and characterize <i>Staphylococcus sciuri</i> and <i>Staphylococcus haemolyticus</i> from a collection of

Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria.			<p>clinical coagulase negative isolates.</p> <ul style="list-style-type: none"> I was also required to assist with the supervision of undergraduate students working on their final year projects.
Prestige Secondary School, Kaduna State, Nigeria.	Integrated Science Teacher	January 2010 – August 2010	<ul style="list-style-type: none"> Taught integrated science (including preparing/grading tests and exams) to students in junior secondary school.
Department of Microbiology, University of Ilorin, Kwara State, Nigeria.	Practical instructor/ Administrative Assistant	August 2008 – July 2009	<ul style="list-style-type: none"> As a member of the youth corps, I was required to assist laboratory technician in getting materials ready for laboratory sessions. I was also required to assist with administrative work in the department i.e. preparing official departmental documents, collating students' results, e.t.c.
Medical Laboratory, 44 Nigerian Army Reference Hospital, Kaduna State, Nigeria.	Laboratory Assistant (Industrial attachment)	April 2006 – May 2006	<ul style="list-style-type: none"> I had an opportunity to carry out diagnostic microbiological tests such as the Widal test for the diagnosis of typhoid fever, the Ziehl-Neelsen staining test to detect <i>Mycobacterium tuberculosis</i> in sputum, microscopic detection <i>Plasmodium falciparum</i> in blood smears as well as detection of pathogens in cultures of clinical samples.

References

Professor Adebayo Shittu

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Dr. Selwa Alsam

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