

CURRICULUM VITÆ

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OKWURAIWE AZUKA PATRICK

BIODATA

Date / Place of Birth:	8 th January, 1979 / Benin City
Nationality:	Nigerian
State of Origin / LGA:	Delta / Oshimili South
Marital Status:	Married
Gender:	Male
Religion:	Christian

WORKING EXPERIENCE

Nigerian Institute of Medical Research, Centre for Human Virology and Genomics, 6, Edmund Crescent, P.M.B. 2013, Yaba, Lagos	Research Fellow I (2019 to Date)
Nigerian Institute of Medical Research, Human Virology Unit, 6, Edmond Crescent, P.M.B. 2013, Yaba, Lagos	Research Fellow II (2012 to 2018)
Nigerian Institute of Medical Research, Human Virology Laboratory, 6, Edmond Crescent, P.M.B. 2013, Yaba, Lagos	Junior Research Fellow (2009-2011)
National Youth service Corp (NYSC) Afikpo-South Government Secondary School, Ebonyi and NIMR, Lagos	Teacher and Project Lab Scientist (February 2002 – July, 2008)
Flour Mills of Nigeria Plc, (Quality Control and Microbiology Units) Apapa, Lagos	Student Industrial Training (May - September, 2000)

ACADEMIC QUALIFICATIONS

College of Medicine, University of Lagos, Idi-Araba, Lagos	Ph.D. Biochemistry May, 2018
College of Medicine, University of Lagos, Idi-Araba, Lagos	M.Sc. Biochemistry 4.1 CGPA (2004-2005)
Dept. of European Languages, University of Ibadan, Oyo State	Basic French Course; (Aug-Sept, 2001)
University of Ibadan, Oyo State	B.Sc. (Hons) Biochemistry 2 ND Class (1997-2001)
College of Technology, Yaba, Lagos State	OND Computer Science (1996-1997)
Federal Government College, Warri, Delta State	West African Examinations Council (WAEC) O' Level Certificate (1990-1995)
Nazareth Primary School, Festac Town, Lagos State	First School Leaving Certificate (1983-1989)

PROFESSIONAL ASSOCIATIONS

1. Member, National Society of Biochemistry and Molecular Biology (NSBMB)
2. Member, International AIDS Society (IAS)
3. Member, African Society of Laboratory Medicine (ASLM)
4. Member, National Genomics Society

PROJECTS

1. Laboratory efforts in the HIV management Programme, a PEPFAR programme transitioned to the AIDS Prevention Initiative of Nigeria (APIN) and transitioned again (in 2016) to Family Health International 360 (fhi360) till date
2. HIV-1 Drug Resistance Mutations Project Sponsored by CDC, Atlanta, PEPFAR- IANPHI
3. HIV – Drug resistance survey for Nigerian AIDS Indicators and Impact Study (NAIS).
4. Evaluation Study of 13 RDTs Detecting Antibodies Against HCV; WHO – Foundation for Innovative Diagnostics (FIND) originating from patients from different geographical regions (Nigeria, Georgia, Cambodia, Belgium) and with or without HIV co-infection.

5. Performance Evaluation of the Genedrive HCV ID Kit for Decentralized Diagnosis of Active Hepatitis C from Human Plasma in Nigeria –WHO project.
6. A multicenter, double blind, randomized, parallel group, clinical trial to compare the sexual pleasure, performance, acceptability and safety of graphene incorporated natural rubber latex condoms and natural rubber latex condoms in healthy humans. In collaboration with Xcene Research, Lagos.

PUBLICATIONS

1. **Okwuraiwe A.P.**, Salu O.B., Onwuamah C.K., Amoo O.S., Odunukwe N.N. and Audu R.A. (2011). Experience with hepatitis B viral load testing in Nigeria. *African Journal of Clinical and Experimental Microbiology*; 12 (3): 101-105.
2. **Okwuraiwe A.P.**, Audu R.A., Salu O.B., Onwuamah C.K., Amoo O.S., Ige F.A., Meshack E.H., Jamda P.D., Odunukwe N.N., Onwujekwe O.C., Ezechi O.C. and Idigbe E.O. (2012). Immunological and Virological response to HAART in HIV-1 Patients co-infected with Hepatitis B and C viruses. *West African Journal of Medicine*; 31 (2): 124-128.
3. Audu R.A., Sylvester-Ikundu U., Onwuamah C.K., Salu O.B., Ige F.A., Meshack E.H., Aniedobe M. Amoo O.S., **Okwuraiwe A.P.**, Okhiku F., Okoli C.L., Fasela E.O., Odewale E.O., Alesinloye R.O., Olatunji M. and Idigbe E.O. (2012). Experience of quality management system in a clinical laboratory in Nigeria. *African Journal of Laboratory Medicine*; 1 (1), Art. #18, 5 pages. <http://dx.doi.org/10.4102/ajlm.v1i1.18>
4. **Okwuraiwe A.P.**, Salu O.B., Anomneze E., Audu R.A. and Ujah I.A.O. (2012). Hepatitis C Virus genotypes and viral ribonucleic acid titers in Nigeria. *Nigerian Journal of Gastroenterology and Hepatology*; Dec; 4 (2): 75-85.
5. Amoo O.S., Taiwo I.A., Salu O.B., **Okwuraiwe A.P.**, Onwuamah C.K., Awe M., Oforomeh O., Onwujekwe D.I., Ezechi O.C. and Audu RA. (2013). Comparison of the COBAS/Ampliprep Taqman and Amplicor HIV-1 Monitor tests in Lagos, Nigeria. *African Journal of Laboratory Medicine*; 2 (1), Art. #68, 4 pages. <http://dx.doi.org/10.4102/ajlm.v2i1.68>
6. Uwandu M.O., **Okwuraiwe A.P.**, Amoo O.S., Audu R.A., Okoye R.N., Oparaugo C.T., Onwuamah C.K. and Magbagbeola O.A. (2013). Lipid profile of drug naive HIV patients in a tertiary health facility in Lagos, Nigeria. *African Journal of Clinical and Experimental Microbiology*; 14 (2); 51-55.

7. **Okwuraiwe A.P.**, Adedoyin D., Raimi G.O., Sholabi A.O. and Okotore R.O. (2013). Isolation, Purification and Partial Characterization of a Protease Inhibitor from Pearl Millet Seeds (*Pennisetum Typhoides*). *Nigerian Journal of Clinical and Biomedical Research*; 7 (1); 61-66.
8. Audu R.A., Onwuamah C.K., Salu O.B., **Okwuraiwe A.P.**, Ou C., Omotayo B., Bond K.B., Diallo K., Lu L.S., Jelpe T., Okoye M., Ngige E., and Vertefeuille J. (2014). Development and Implementation Challenges of a Quality Assured HIV Infant Diagnosis Program in Nigeria Using Dried Blood Spots and DNA Polymerase Chain Reaction. *AIDS Research and Human Retroviruses*; 30 (0); 1-6.
9. Ezechi O.C., Kalejaiye K.O., Gab-Okafor C.V., David A.O., Oke B.O., Musa Z.O., Ekama S.O., Ohwodo H., Aghaowa E., Gbajabiamilla T., Ezeobi P.M., **Okwuraiwe A.P.**, Audu R.A., Okoye R.N., David A.N., Odunukwe N.N., Onwujekwe N.O. and Ujah I.A. (2014). Sero-prevalence and factors associated with hepatitis B and C co-infection in pregnant Nigerian women living with HIV infection; *The Pan African Medical Journal*; 17:197.
10. Adedoyin D., Ojokuku S.A. and **Okwuraiwe A.P.** (2015). Purification and Partial Characterization of a β -Galactosidase from *Cajanus cajans* (Pigeon Pea). *British Biotechnology Journal Article no. BBJ 21345*.
11. Odunukwe, N.N., Okwuzu, J.O., **Okwuraiwe, A.P.**, Gbajabiamila, T.A., Musa, A.Z., Ezeobi, P.M., Somefun, E.O., Kalejaiye, O.O., Onwujekwe, D.I., Salu, O.B., Onwuamah, C.K., Audu, R.A. and Ezechi, O.C. (2016). Selenium as Adjunct to Highly Active Antiretroviral Therapy (HAART) in the Management of HIV/Hepatitis B Virus Co-Infection: A Randomized Open Label Study. *African Journal of Clinical and Experimental Microbiology*; July, 17(3): 197 - 204.
12. Olotu, A.A., Oyelese, A.O., Salawu, L., Audu, R.A., **Okwuraiwe, A.P.** and Aboderin, A.O. (2016). Occult Hepatitis B virus infection in previously screened, blood donors in Ile-Ife, Nigeria: implications for blood transfusion and stem cell transplantation. *Virology Journal*; 13(76); 8 pages.
13. **Okwuraiwe, A.P.**, Osuntoki A.A., Ebuehi O.A.T. and Audu R.A. (2017). Comparison of HCV Diagnosis by Antibody Detection and RNA in HIV-1 Co-Infected Patients Commencing HAART. *International Journal of Biomedical Research*; 8(1): 5827 - 5829.
14. Audu, R.A., Onwuamah, C.K., Okpokwu J. Imade, G., Odiabo G., **Okwuraiwe, A.P.**, Musa, Z., Chebu, P., Ezechi, O., Agbaji, O., Olaleye, D., Jay, S., Ibrahim, D., Mukhtar, A., DeVos, J., Yang C., Raizes, E., Chaplin, B., Phyllis, K., and Idigbe, E. (2018).

Genotyping performance evaluation of commercially available HIV-1 drug resistance test. PLoS One; 13(6): e0198246. Published online 2018 Jun 28.

15. Lesi, O.A., Audu, R.A., **Okwuraiwe, A.P.**, Adeleye, O.O., Ige, F.A. and Iwuorah, J.C. (2019). Serological and Virological Markers of Nigerian Patients with Hepatitis B Infection. Nigerian Journal of Clinical Practice. 22:534 -538.
16. Onwuamah, C.K., Okpokwu, J., Audu, R., Imade, G., Meloni, S.T., **Okwuraiwe, A.P.**, Chebu, P., Musa, A.Z., Chaplin, B., Dalhatu, I., Agbaji, O., Samuels J., Ezechi, O., Ahmed, M., Odaibo G., Olaleye, D.O., Okonkwo, P. Salako, B.L., Raizes E., Yang C., Kanki P.J., and Idigbe, E.O. (2020). Low levels of HIV- drug resistance mutations in patients who achieved viral re-suppression without regimen switch: a retrospective study. BMC Microbiology 20:17 <https://doi.org/10.1186/s12866-020-1706-1>.
17. Onwuamah, C.K., **Okwuraiwe, A. P.**, Ahmed, R.A., Sokei, J.O., Ponmak, J., Okoli, L.C., Kagurusi, B.A., and Anejo-Okopi, J. (2020). Laboratory Optimization Tweaks for Sanger Sequencing in a Resource-Limited Setting. Journal of Biomolecular Techniques: JBT, jbt.20-3104-006. Advance online publication. <https://doi.org/10.7171/jbt.20-3104-006>
18. Amoo, O.S., Aina, O.O., **Okwuraiwe, A.P.**, Onwuamah, C.K., Shaibu, J.O., Ige, F., Owaneze, K., Agboola, H.O., Kareithi, D.N., Onuigbo, T.I., Ikemefuna, A.S., Oraegbu, J.I., Odewale, E.O., Okoli, L.C., Ajibaye, O., James, A.B., Idris, G., Ohihoin, G., Tijani, B., Giwa-Tunbosun, T., Adegbola, R., Salako, B.L. and Audu, R.A. (2020). COVID-19 Spread Patterns Is Unrelated to Malaria Co-Infections in Lagos, Nigeria. Advances in Infectious Diseases, 10, 200-215. <https://doi.org/10.4236/aid.2020.105018>
19. **Okwuraiwe, A.P.**, Audu, R.A., Ige, F.A., Salu, O.B., Onwuamah, C.K., and Musa, A.Z. (2021). Long term outcomes of highly active antiretroviral therapy in HIV infected Nigerians and those co-infected with hepatitis B and C viruses. African Journal of Clinical and Experimental Microbiology. ISSN 1595-689X Jan 2021; Vol.22 (1), 67 – 73. AJCEM/2053. <https://doi.org/10.4314/ajcem.v22i1.9>
20. Uwandu, M.O., Ige, F.A., **Okwuraiwe, A.P.**, Onwuamah, C.K., and Audu, R.A. (2021). Implementation of biosafety in infection control: a 10-year review. African Journal of Clinical and Experimental Microbiology. ISSN 1595-689X Apr 2021; Vol.22 No.2 AJCEM/2054.
21. Shaibu J.O., Onwuamah C.K., James A.B., **Okwuraiwe A.P.**, Amoo O.S., Salu O.B., Ife F.A., Liboro G., Odewale E., Okoli L.C., Ahmed R.A., Achanya D., Adesesa A., Amuda O.A., Sokei J., Oyefolu B.A.O., Salako B.L. Omilabu S.A. and Audu R.A. (2021) Full length genomic sanger sequencing and phylogenetic analysis of Severe Acute Respiratory

Syndrome Coronavirus 2 (SARS-CoV-2) in Nigeria. PLoS ONE 16(1): e0243271. <https://doi.org/10.1371/journal.pone.0243271>

22. Audu R.A., **Okwuraiwe A.P.**, Ige F.A., Adeleye O.O., Onyekwere C.A., and Lesi O.A. (2020). Hepatitis C viral load and genotypes among Nigerian subjects with chronic infection and implication for patient management: a retrospective review of data. Pan African Medical Journal. 2020;37(335). 10.11604/pamj.2020.37.335.20299
23. Onwuamah C.K., **Okwuraiwe A.P.**, Salu O.B., Shaibu J.O., Ndodo N., Amoo S.O., et al. (2021) Comparative performance of SARS-CoV-2 real-time PCR diagnostic assays on samples from Lagos, Nigeria. PLoS ONE 16(2): e0246637. <https://doi.org/10.1371/journal.pone.0246637>
24. James B.A., Salu O.B., Shaibu J., Onwuamah C., Mutiu B.P., Amoo O., Orenolu M.R, **Okwuraiwe A.**, Ndodo N., Saka B.A., Anyanwu R.A., Bankole M.A., Ige F., Bankole M.A., Abdus-Salam I.A., Audu R.A., Osibogun A., Abayomi A., Ihekweazu C., Salako B.L., Omilabu S.A. Detection of SARS-CoV-2 in Nigeria: laboratory preparedness and report of index case. PAMJ - One Health. 2021; 5:9. [doi: 10.11604/pamj-oh.2021.5.9.27817]
25. **Okwuraiwe A.P.**, Onwuamah C.K., Shaibu J.O., Amoo S.O., Ige F.A., James A.B., Okoli L.C., Ahmed A., Ponmak J., Sokei, J.O., Akanmu S., Salako, B.L. and Audu R.A. (2021). Low level SARS-CoV-2 RNA detected in plasma samples from a cohort of Nigerians: Implications for blood transfusion. PLoS ONE 16(6): e0252611. <https://doi.org/10.1371/journal.pone.0252611>
26. Ige, F., Ohihoin, A., Amuda, B., Amoo, O., Onwuamah, C., **Okwuraiwe, A.**, Shaibu, J., Odewale, E., James, A., Kayode, A., Adeshina, A. and Audu, R. (2021). The Effectiveness of Infection Control Practices among Health Care Workers Responding to the COVID-19 Pandemic in Nigeria. *Advances in Infectious Diseases*, 11, 232-239. doi: [10.4236/aid.2021.112021](https://doi.org/10.4236/aid.2021.112021).
27. **Okwuraiwe A.P.**, Audu R.A., Gbajabiamila T.A., Idigbe I.E., and Ezechi O.C. (2021). HPV prevalent types in a cohort of sexually active Nigerian women: implications for vaccination programmes. *Precision Medicine Research*, August 2021, 3 (3): 12. <https://doi.org/10.53388/PMR2021061101>
28. Shaibu, JO., **Okwuraiwe, AP.**, Jakkari, A, Dennis, A, Akinyemi, KO, Li, J, Audu, RA, and Oyefolu, BAO. (2021). Sero-molecular Prevalence of Zika Virus among Pregnant Women Attending Some Public Hospitals in Lagos State, Nigeria. *European Journal of Medical and Health Sciences*, 3(5), 77–82. <https://doi.org/10.24018/ejmed.2021.3.5.1075>

29. Amoo OS, Adewara F, Tijani B, Onuigbo TI, Ikemefuna AS, Oraegbu JI, Rizvi T, **Okwuraiwe A**, Onwuamah C, Shaibu J, James A, Ohihoin G, Ige F, Kareithi D, David A, Karera S, Agboola H, Adeniyi A, Obi J, Achanya D, Odewale E, Oforomeh O, Liboro G, Nwogbe O, Ezechi O, Adegbola R, Audu RA and Salako, BL. (2021) The use of DIY (Do it yourself) sampling and telemonitoring model for COVID-19 qPCR testing scale up. PLoS ONE 16(11): e0259398. <https://doi.org/10.1371/journal.pone.0259398>

DISSERTATIONS SUBMITTED

1. ‘Comparative Metabolism and Toxicity of Cassava (*Manihot esculenta Crantz*) Cyanide in Protein-Deficient and Protein-Sufficient Rats’, a research project in partial fulfillment of the requirement for the award of **Bachelor of Science (B.Sc.) with honours** in the Department of Biochemistry, University of Ibadan - 2001.
2. ‘Purification and Partial Isolation of a Cysteine Proteinase Inhibitor from Pearl Millet Seeds (*Pennisetum typhoides*)’, a research project in partial fulfillment of the requirement for the award of **Master of Science (M.Sc.)** in the Department of Biochemistry, College of Medicine, University of Lagos - 2005.
3. ‘Pattern of HCV Genotypes in HIV-1/HCV Co-infected Subjects on First Line Antiretrovirals” submitted to the School of Postgraduate Studies, University of Lagos, for the award of **Doctor of Philosophy (Ph.D.)** in the Department of Biochemistry, Faculty of Basic Medical Sciences, College of Medicine, University of Lagos – 2018.

CONFERENCES/WORKSHOPS/TRAININGS

1. **Trainee** - Training Workshop on Cyflow cytometer for quantifying CD4 T-lymphocytes (in collaboration with University of Munster, Germany) at the Nigerian Institute of Medical Research (NIMR), Lagos; 19th – 20th September, 2002.
2. **Delegate** - 4th National Conference on HIV/AIDS in Nigeria, at the International Conference Centre, Abuja; 2nd -5th May, 2004.

3. **Trainee** – AIDS Prevention Initiative of Nigeria-President’s Emergency Programme for AIDS in Africa (APIN PEPFAR) training Workshop on HIV-1 DNA PCR at the Department of Virology, University College Hospital (UCH), Ibadan, Nigeria. 14th – 18th August, 2005.
4. **Trainee** – Harvard Ethics Training in Human Research (HETHR) Human subject protection training program, Online module; October, 2005.
5. **Trainee** - Research Methodology and Proposal Writing; at NIMR, 12th - 13th December, 2006.
6. **Trainee** - Laboratory Diagnosis of HIV infection in Infants Using Dried Blood Spots at APIN Laboratory, Jos University Teaching Hospital (JUTH), Organized by the Center for Disease Control and Prevention (CDC), 12th – 16th February, 2007.
7. **Trainee** - APIN-Plus Quality Control Workshop on HIV-1 DNA PCR Diagnostic Test at the Department of Virology, (UCH), University of Ibadan, 2nd – 5th April, 2007.
8. **Trainee** - Quality Management System Auditors Course by Standards Organization of Nigeria (SON) 28th May – 2nd June, 2007.
9. **Delegate** - the 4th International AIDS Society Conference on Pathogenesis and Prevention in Sydney, Australia 22nd – 25th July, 2007.
10. **Facilitator** - APIN-Plus/Harvard-PEPFAR Training of 4 PEPFAR Sites on use of Dry Blood Spot (DBS) for diagnosis of HIV Infection in Children born to HIV Infected Mothers using the Roche Amplicor DNA PCR Method at the Human Virology Laboratory, NIMR. 4th – 8th February, 2008.
11. **Trainee** - Celera ViroSeq[®] HIV-1 Genotyping System 2.0 Customer Training at the Abbott Molecular Training Center at Wiesbaden-Delkenheim, Germany. 8th - 12th July, 2008.
12. **Trainee** - HIV-1 Genotyping System 2.0 (Celera ViroSeq[®]) Workshop by HARVARD PEPFAR- at NIMR. 21th - 25st July, 2008.
13. **Trainee** - ISO/IEC 17025:2005 General requirements for the competence of Testing and Calibration Laboratories. Organized by SON at NIMR. 11th – 15th August, 2008.

- 14. Delegate** – APIN Plus/NIMR Training on Health Research Ethics: Protections for Human Research Participants, at NIMR. 29th November, 2008.
- 15. Delegate** - 1st Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR. 10th – 12th December, 2008.
- 16. Trainee** – ISO 9001:2000 QMS Auditors Revalidation Course by SON at NIMR, Yaba, Lagos. 16th – 17th March, 2009.
- 17. Delegate** - 2nd Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR. 16th – 18th December, 2009.
- 18. Trainee** - Workshop on Proposal and Thesis Writing at the University of Lagos. 20th April, 2010.
- 19. Trainee** - Harvard PEPFAR/APIN Plus Program Training on Laboratory Quality Improvement and Accreditation Preparedness Workshop at NIMR, Yaba, Lagos. 3rd – 6th August, 2010.
- 20. Trainee** - Harvard PEPFAR/APIN Plus Program Training on Laboratory Quality and Accreditation Conference at International Institute of Tropical Agriculture (IITA), Ibadan, Oyo State. 8th – 11th December, 2010.
- 21. Delegate** - 5th National Conference on HIV/AIDS in Nigeria, Abuja at the International Conference Centre, Abuja, F.C.T., 2nd – 5th May, 2010.
- 22. Trainee** - International Lecture on Genetic Engineering and Biotechnology, ICT Lecture room, University of Lagos, 15th - 26th November, 2010.
- 23. Delegate/Rappertour** - 3rd Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR, 14th - 17th November, 2011.
- 24. Trainee** – The Roche COBAS Ampliprep/COBAS TaqMan Qualitative test for HIV-1 detection from DBS and HIV-1 Test Version 2.0 for HIV-1 Viral Load (organized by CDC Atlanta & Roche South Africa) in NIMR, 2nd – 11th July 2012.
- 25. Delegate/Rappertour**- 3rd International Scientific Conference at NIMR. Theme: Strengthening Health Research Capacity in Africa: The challenges. 5th – 8th November, 2012.

26. **Participant** – Laboratory Quality and Accreditation Conference organized by APIN/Harvard PEPFAR. 2nd – 5th June, 2013.
27. **Delegate** – 1st APIN Scientific Conference, Abuja, Nigeria. 22nd – 23rd October, 2013.
28. **Trainee** - Sample Amplification Based Assay (SAMBA) Training; Department of Haematology, Diagnostics Development Unit, University of Cambridge, United Kingdom. October 28th – 1st November 2013.
29. **Delegate/Rappertour** – 5th Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR. 11th – 14th November, 2013.
30. **Trainee** – HIV-1 drug resistance testing training at the Laboratoire de Bactériologie-Virologie Hospital Aristide Le Dantec, in Dakar, Senegal. WANETAM (EDCTP funded). 13th - 17th January, 2014.
31. **Delegate/Rappertour** - 5th Annual NIMR Scientific and 2nd International Conference at Shehu Musa Yar'Adua Conference Centre, Abuja. Theme: Tracking the Performance of Health Related MDGs: The Role of Evidence. 11th – 13th November, 2014.
32. **Delegate/Rappertour** – 6th Annual NIMR Scientific Conference at NIMR. Theme: Ending the Communicable and Non-Communicable Diseases Divide in Nigeria. 10th to 12th November, 2015.
33. **Delegate** – 5th Annual General Meeting and Scientific Conference by Faculty of Basic Medical Sciences College of Medicine, University of Lagos, Idi-araba, Lagos. Theme: Emerging and Re-emerging Infectious Diseases: Current Trends, Management and Control. 2nd June, 2016.
34. **Rappertour** – 7th Annual NIMR Scientific Conference. Theme: Achieving Health-Related Sustainable Development Goals in Nigeria: The Role of Research and Innovation. 8th to 10th November, 2016.
35. **Delegate** – NIH Grant Writing Workshop. At the 29th Conference of Nigerian Association of Nephrology; at Obafemi Awolowo University Teaching Hospital (OAUTH), Ile-Ife, Nigeria; 14th February 2017.
36. **Delegate** – 4th International Scientific Conference. Theme: Conducting Health Research in a Depressed Economy. 7th to 9th November, 2017.

37. **Delegate** – Introduction of the Tenofovir/Lamivudine/Dolutegravir (300/300/50 mg (TLD) in Nigeria HIV/AIDS Prevention, Treatment and Care Program. Lagos State Government, Folarin Coker Staff Clinic Conference Room, Alausa, Ikeja. 27th August, 2018.
38. **Trainee** – COBAS 6800/8800 User Training, at Centre for Human Virology and Genomics, NIMR. 26th – 31st October, 2018.
39. **Delegate** – 5th International Scientific Conference. Theme: Achieving Universal Health Coverage: The Role of Research. 14th to 16th November, 2018.
40. **Trainee** – Next Generation Sequencing – Illumina MiSeq – Wet lab Training; at the Institute Pasteur, Dakar, Senegal. – 30th September to 31st October, 2019.
41. **Trainee** – SeqStudio Smart Start Orientation and Capillary Electrophoresis Training course. Central Research Laboratory, NIMR. - 12th November, 2019.
42. **Trainee** – Clinton Health Access Initiative (CHAI) Cervical Cancer Secondary Prevention Program - 27th and 28th November, 2019.
43. **Delegate** – 6th International Scientific Conference. Theme: One Health and Global Health Security: Need to be proactive through Health research. 12th to 14th November, 2019.
44. **Delegate** - 7th NIMR Virtual International Scientific Conference. 17th to 18th November, 2020. Theme: Research in the Era of COVID-19 Pandemic.
45. **Presenter** - Nigeria COVID-19 Research Day. Commemorating 1 year since the Index case of COVID-19 in Nigeria. Virtual conference. 27th February, 2020.
46. **Trainee** – Clinical Trials Good Laboratory Practice- Hybrid training. At NIMR 7th to 10th June, 2021.
47. **Trainee** - Bioinformatics Training at the Medical Research Council Gambia of the London School of Hygiene and Tropical Medicine (MRCG-LSHTM). From 14th to 25th June, 2021.
48. **Delegate** - 10th NIMR Conference on Health Advances Innovation and Research (CHAIR) International Scientific Conference. 8th to 10th November, 2021. Theme: COVID-19 Pandemic: Consolidating the Gains and Addressing the Shortfalls

GRANT AWARDS

NIMR Project Development Grants Program (PDGP) 2020. Grant number 3NM-JRGT-20-0049. Project Title: Association between mitochondrial DNA levels, HIV Replication and HAART Genotoxicity; Implications for better HIV Management.

OTHER AWARDS

- **CHVG Staff of the Month** – July 2003; January 2008; April 2009, May 2011, January 2012 and February 2013, February 2016 and February 2017.
- **Best Internal Auditor in CHVG** – 2011.
- **Deputized for the Head, CHVG**, December 2007 - January 2008; and March 2013, June, 2018; July – September, 2019.
- **NIMR Staff of the Year 2012 (Senior Staff Category)**
- **Most DILIGENT Staff of CHVG - 2013.**
- **Most INNOVATIVE Staff of CHVG – 2014**
- **Head, CHVG:** January 2020 till date

PAPERS PRESENTED AT CONFERENCES

1. Purification and Partial Isolation of a Cysteine Proteinase Inhibitor from Pearl Millet Seeds (*Pennisetum typhoides*). 23th National Society of Biochemistry and Molecular Biology (NSBMB) Conference, University of Lagos – October 2005.
2. HBV-HCV Coinfection in HIV Positive Patients in Nigeria. 5th National Conference on HIV/AIDS, Abuja, Nigeria, 2nd – 5th May, 2010.
3. Preliminary Report on Baseline Hepatitis B Viral Load Levels in Nigeria. 5th National Conference on HIV/AIDS, Abuja, Nigeria, 2nd – 5th May, 2010.
4. Hepatitis C Virus Genotypes Present in Nigeria. 3rd Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR, 14th - 17th November, 2011.
5. Prevalence and genotypes of high-risk human papillomavirus in Lagos, Nigeria. Oral Presentation. 4th Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR, 11th - 14th November, 2013.
6. The long-term highly active antiretroviral therapy outcomes in Nigerians co-infected with hepatitis B and C viruses. Oral Presentation at the 5th Annual Scientific & 2nd International

Conference on Health Research in Nigeria at Shehu Musa Yar'Adua Conference Centre, Abuja, 11th - 13th November, 2014.

7. Evaluation of a new Point of Care HIV Testing Platform SAMBA, against the COBAS Ampliprep/TaqMan in Lagos, Nigeria. Oral Presentation at the 6th Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR, 10th - 12th November, 2015.
8. Characterization of Human Papillomavirus Genotypes: Preliminary Report of the Nigerian Cervical Pre-Cancer Surveillance Study. Oral Presentation at the 6th Annual NIMR Scientific Conference on Health Research in Nigeria at NIMR, 10th - 12th November, 2015.
9. Pattern of HCV Genotypes of HIV-1/HCV Co-Infected Patients on First Line Antiretrovirals. Oral Presentation at the 4th NIMR International Scientific Conference. 7th to 9th November, 2017.
10. Monitoring HIV-1 viral load suppression in patients on HAART over a period of 1 year in treatment centers in Lagos. Oral Presentation at the 5th NIMR International Scientific Conference. 14th to 16th November, 2018.
11. Low-Level SARS-CoV-2 RNA Detected in Plasma Samples from a Cohort of Nigerians: Implications for Blood Transfusion. Oral Presentation at the 7th NIMR Virtual International Scientific Conference. 17th to 18th November, 2020.
12. Low-level SARS-CoV-2 RNA detected in Plasma Samples from cohort of Nigerians: implications for blood transfusion. Nigeria COVID-19 Research Day. Commemorating 1 year since the Index case of COVID-19 in Nigeria. Virtual conference. 27th February, 2021.
13. Mitochondrial DNA profiling in a cohort of antiretroviral treated HIV patients in Lagos, Nigeria; Assessment of long-term effects of cART on life quality of PLWH. Oral Presentation at the 10th NIMR Conference on Health Advances Innovation and Research (CHAIR) International Scientific Conference. 8th to 10th November, 2021.
14. Viral Hemorrhagic Fever virus screening of the 2018-2019 Lassa Fever Cases from South Western Nigeria. Oral Presentation at the 10th NIMR Conference on Health Advances Innovation and Research (CHAIR) International Scientific Conference. 8th to 10th November, 2021.

HOBBIES

Networking; watching movies; visual artistry, painting, board games.

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