



**Audu** Rosemary (PhD)

**Deputy Director of Research / HOD  
Microbiology Department**

CONTACT: Microbiology Department, NIMR  
6, Edmund Crescent, Yaba, P.M.B. 2013, Yaba, Lagos Nigeria.  
Email: [rosemaryaudu@yahoo.com](mailto:rosemaryaudu@yahoo.com)  
[rosemaryaudu@nimr.gov.ng](mailto:rosemaryaudu@nimr.gov.ng)

Dr. Rosemary Audu was appointed Head of Department of Microbiology and Laboratory Director May, 2017. Her appointment was as a result of her excellent tracked records in various leadership positions held at various times within the Institute. She is expected to drive the repositioning of Microbiology department for improved effectiveness and productivity under the leadership of our visionary and vibrant Director General.

Dr. Rosemary Audu, a Deputy Director of Research, has a PhD in Medical Microbiology with Virology specialty. Her research interest includes HIV, Viral Hepatitis and Human Papilloma Virus. She set up the quality management system in the Center for Human Virology and Genomics and under her leadership the laboratory is ISO 9001:2008 certified, and has just been recommended for ISO 1589: 2012 accreditation and for WHO listing as a prequalification laboratory for in-vitro diagnostics.

She has been involved in various research projects in HIV/AIDS and has evaluated various diagnostic tools for HIV screening and confirmation, viral load testing, and has contributed immensely towards the development of the national algorithm for the early infant diagnosis of HIV using dry blood spots. She set up the first viral load testing facilities for HIV, HCV, and HBV in the country, as well as the first genotyping facilities for HIV, HCV and HPV. She was the PI in an IANPHI supported project that involved training and providing proficiency panels for HIV, TB and malaria. Dr. Audu is a trained assessor for ASLM and ISO 15189 and she is currently involved in mentoring other laboratories in Nigeria for accreditation.

Until recently, Dr. Rosemary Audu was a member of the National ART Task team and currently a member of the National Technical Working Group on Viral Hepatitis in Nigeria. She is a past Fogarty fellow and a Heymann fellow of IANPHI leadership academy. Her vision for the department is to develop it to attain international standard that will enable it attract grants for research of excellence and also provide services as part of the Institute's mandate to improve the health of Nigerian populace in the midst of the several communicable diseases ravaging us as a country. She is saddled with the responsibility of mentoring several younger scientists within her department.

**Schools and Institutions attended with dates:**

- University of Lagos, Lagos 1996-2000
- University of Lagos, Lagos 1991-1992
- Ahmadu Bello University, Zaria 1986-1989
- School of Basic Studies, Zaria 1985-1986
- Federal Government Girls' College, Bakori 1980-1985

**Academic Qualifications:**

- B.Sc. (Hons) Microbiology
- M. Sc. Medical Microbiology (Virology Specialty)
- Ph.D. Medical Microbiology (Virology Specialty)

**Awards**

- 1983 - 1985 - Federal Government Scholarship for Academic Excellence
- 2003 - Forgatty Fellowship for a Training Program in HIV/AIDS at the National Institutes of Health, Bethesda, Maryland, USA

**Research Grant**

Establishing an External Quality Assessment Programme in Nigeria – IANPHI Seed Grant, 2009 - 2011  
(Principal Investigator)

**Working Experience:**

- 1989-1990 - **Research Assistant**, National Youth Service Corps at University of Lagos
- 1993-1996 - **Junior Research Fellow**, Nigerian Institute of Medical Research
- 1997- 2000 - **Research Fellow II**, Nigerian Institute of Medical Research
- 2001- 2003 - **Research Fellow I**, Nigerian Institute of Medical Research
- 2004- 2007 - **Senior Research Fellow**, Nigerian Institute of Medical Research
- 2008-2015 - **Chief Research Fellow**, Nigerian Institute of Medical Research
- 2015-to Date - **Deputy Director of Research**, Nigerian Institute of Medical Research

**Positions Held at Work:**

- 1996-2001 - Head, Diarrhoea Unit
- 2001- JUNE 2017 - Head, Human Virology Laboratory
- 2004- 2010 - ART Training Co-ordinator

**Committees Served on**

- Housing Committee 2004 – 2008
- Scientific Committee 2000 – To Date
- Grant Writing Committee 2010 – To Date

### **Part Time Academic Appointment**

- African Working Group on Rotavirus (Member) 1999 – 2000
- Global Fund Training for Laboratory Scientists (Trainer) 2004 – To Date
- Saudi Medical Journal (Reviewer) 2005 – To Date
- Editorial Board of Nigerian Journal of Clinical and Biomedical Research(Member) 2006 – To Date
- Standard Operating Procedures for Serological and Molecular Assays In Nigeria – Federal Ministry of Health – (Reviewer) 2006
- African Health Sciences (Reviewer) 2007
- African Medical Journal (Reviewer) 2009
- Effective Project Planning and Evaluation in Health Research (Trainer) 2007 – To Date
- Quality Management Training for Clinical Laboratory (Trainer) 2009 – To Date
- Supervises and Examines Post Graduate Students (College of Medicine, University of Lagos) 2003 – To Date

### **Consultancy Services**

- Development of Guidelines for the Use of Antiretroviral (Arv) Drugs in Nigeria – Federal Ministry Of Health: 2005
- Paediatric HIV and AIDS Technical Working Group – Federal Ministry of Health: 2006 – 2010
- Laboratory Quality Assurance Technical Working Group (CDC): 2006 - To Date
- Technical Advisory Committee for Laboratory and Blood Safety Component of National AIDS/STIs Control Programme: 2006 – To Date
- National Task Team on Anti Retroviral Therapy (Member): 2010 – To Date
- National Laboratory Quality Assurance Team (Member): 2010 – To Date
- Steering Committee on Trainings under the Consolidated GFATM Round 5, 8 & 9 Grants (Member): 2011

### **Training / Workshops Attended**

1. WHO Workshop on Emergency Preparedness and Response (15th -16th August 1996).
2. International Training Course on Pharmacotherapy and Management of HIV Infection (19th - 21st August 1996).
3. Two Days Symposium on Opportunistic Infections in HIV/AIDS (24th - 25th October 1996).
4. National Symposium on Malaria in Nigeria (4th - 5th November 1997).
5. National Symposium on HIV/AIDS in Nigeria (10th - 11th November 1997).
6. Symposium on Infection Control in Nigeria: A Time For Action (27th January 1998).
7. International Workshop on Research Methodology (14th-25th November 1998) in ICDDR Bangladesh.

8. Rotavirus Workshop (3rd-28th May 1999) In MRC/MEDUNSA South Africa.
9. Nigerian Infection Control Association 2nd Annual Scientific Conferences and Annual General Meeting. Theme: The Environment and Health (27th October 1999).
10. The British Medical Journal - Nigerian Medical Forum Health Writing Workshop (24th May 2000).
11. Funds for International AIDS Research and Education. International Symposium on HIV/AIDS and TB: An African Perspective (5th-8th June 2000).
12. Path 2000: The 40th Annual Congress of The Federation of South African Societies of Pathology in Warmbaths, South Africa. (2nd-5th July 2000).
13. Rotavirus Workshop (6th-28th July 2000) in MRC/MEDUNSA, South Africa.
14. Amplicorm PCR Diagnostics Product Training For Monitoring of HIV Viral Load. at Projet Retro-Ci [CDC Laboratory, Abidjan] Cote de Voire (8th-18th October 2001).
15. Training Workshop on "Application of the Gag HMA Technique For Identification of HIV-1 Genetic Subtypes and Inter-Subtype Recombinants in Southern and Eastern Africa". (26th November – 1st December 2001) In Cape Town, South Africa.
16. 12th International Conference on AIDS and STDs in Africa. (9th -13th December 2001) in Ouagadougou, Burkina Faso.
17. 14th International AIDS Conference 2002 Barcelona, Spain (July 7- 12, 2002).
18. International NIPRD & CAVIDI Workshop on HIV- Monitoring in Abuja Nigeria. (5th – 7th August 2002).
19. Retinatm Rainbow Training for Viral Load Estimation. (24th –28th March, 2003) At Primagen, Amsterdam, The Netherlands.
20. International Society for Infectious Diseases Training Program in HIV/AIDS at The National Institutes of Health, Bethesda, Maryland, USA. (April21-May2, 2003).
21. 13th International Conference on AIDS and STIs in Africa (ICASA) Nairobi, Kenya, (Sept. 21st – 26th 2003).
22. 15th International AIDS Conference 2004 Bangkok, Thailand (July 11- 16, 2004).
23. Harvard PEPFAR Tri-Country AIDS Clinical Care and Treatment Conference Gaborone, Botswana (Jan 29-Feb. 4, 2005).
24. 14th International Conference on AIDS and STIs in Africa (ICASA) Abuja, Nigeria, (4th – 9th Dec, 2005).
25. 16th International AIDS Conference 2006, Toronto, Canada (Aug. 13-18, 2006).

26. Joint WHO-TDR/NIMR Course on Effective Project Planning and Evaluation in Biomedical Research, Lagos (11th -14th Sept., 2006).
27. Harvard PEPFAR Tri-Country AIDS Clinical Care and Treatment Conference Dar es Salem, Tanzania (Nov 2006).
28. ISO 9000 Basic Course by Standard Organization of Nigeria (28th May – 2nd June, 2007).
29. 4th International AIDS Society Conference on HIV Pathogenesis, Treatment And Prevention, Sydney, Australia (22nd – 25th, July 2007).
30. Train the Trainer Course for Effective Project Planning and Evaluation in Health Research (20th 23rd November 2007).
31. Advanced Management Workshop For Senior Staff of NIMR (28th – 30th, November 2007).
32. HIV-1 Genotyping Workshop, APIN Plus/ Harvard PEPFAR (21st – 25th July 2008).
33. Symposium on Lab Consolidation and Assay Innovation- From Vision to Practice by Roche, Mannheim, Germany (17th – 18th Nov., 2008).
34. ISO/IEC 17025 Laboratory Management Implementation Course by Standard Organization of Nigeria (11th – 14th August, 2008).
35. Health Research Ethics: Protections for Human Research Participants by NIMR, APIN. (29th Nov. 2008).
36. 15th International Conference on AIDS and STIs in Africa (ICASA) Dakar, Senegal (3rd – 7th Dec, 2008).
37. ISO 15189:2007 Auditors Course by Standard Organization of Nigeria (16th – 20th March, 2009).
38. 5th International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention, Cape Town, South Africa (19th – 22nd, July 2009).
39. Accreditation/Assessment Preparedness by Clinical and Laboratory Standards Institute and CDC Nigeria (19th – 23rd October, 2009).
40. Human Subject Training by Harvard School of Public Health (20th October 2009).
41. Laboratory Quality Management and Biosafety Conference by APIN Plus/Harvard PEPFAR (8th - 13th November, 2009).
42. Laboratory Accreditation Assessment Training by WHO Regional Office for Africa (18th – 21st January 2010).
43. 5th National Conference on HIV/AIDS, Abuja (2nd- 5th May).
44. Logistics Management of HIV/AIDS Commodities Course, Kaduna, by Supply Chain Management Systems Project (24th – 28th May 2010).

45. The XVIII International AIDS Conference, Vienna, Austria (21st – 23rd July, 2010).
46. Strengthening Laboratory Management Toward Accreditation Workshop, Lagos (11th – 15th October 2010).
47. 18th Union Conference Of African Region On TB, TB/HIV and Other Lung Disease in Abuja (3rd – 5th March 2011).
48. Management Representative Continuing Professional Development Program in Lagos (22nd – 23rd June 2011).
49. 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention in Rome, Italy (17th – 20th July, 2011).
50. Sixth EDCTP Forum, Addis Ababa, Ethiopia (9th-12th October, 2011).

#### **Membership of Professional Bodies**

1. Nigeria Society of Immunology
2. Nigeria Infection Control Association
3. American Society for Microbiology

#### **Thesis Submitted:**

1. Bacterial Quality of Frozen, Semi-Frozen and Smoked Sea fish from Retail Outlets in Zaria.
2. Potency and Efficacy of Trivalent Oral Poliovirus Vaccines (OPV) in Nigeria: A Case Study of Some EPI Centres in Lagos State.
3. Isolation and Molecular Typing of Some Viral Agents of Diarrhoea in Children Under 5 Years in Lagos, Nigeria.

#### **Publications**

##### A. Articles in Peer Reviewed Journals

1. Esumeh FI, Audu RA, Odugbemi TO, et. al. (1991): Faecal Contamination Level, Survival of Salmonella Typhi and PH Changes in "Garri" and its Potential Public Health Hazard in Lagos. Niger. Med. J. 21(344): 86-89.
2. Ogbadu LJ and Audu RA. (1993): Bacteriological Quality of Frozen, Semi-Frozen and Smoked Seafish from Retail Outlets in Zaria. Bioscience Research Communications 5(1): 65-69.
3. Audu RA, et al. (1996): Seroepidemiology of Polioviruses and Efficacy of Oral Poliovirus Immunization in Lagos Nigeria. Nig. Quart. J. Hosp. Med. 6(4): 275-278.
4. Afolabi BM, Mafe AG, Audu RA, et al. (1997): Coastal Malaria and Nutritional Status of Children 0 - 6 Years Old in Lagos, Nigeria. The Nig. J. Med. Res. 1 (2): 28 - 31.
5. Afolabi BM, Sodeinde O and Audu RA. (1997): Malaria in Early Infancy on the Atlantic Coast of Lagos, Nigeria. The Nig. J. Med. Res. 1(2):32 - 36.

6. Adeiga A, Audu RA. (1996): Detection of Rabies Virus in The Saliva of Apparently Healthy Dogs in Lagos, Nigeria. *Biomedical Letters*. 54: 207-212.
7. Alabi SA, Audu RA et al. (1998): Viral, Bacterial and Parasitic Agents Associated With Infantile Diarrhoea in Lagos, Nigeria. *The Nig. J. Med. Res.* 2(1 & 2): 29 - 32.
8. Omilabu SA, Oyefolu AO, Audu RA, et al. (1998): Potency Studies Of Live-Attenuated Viral Vaccines Administered In Lagos Metropolis, Nigeria *J. Nig. Infect. Control Assoc.* 1(1): 27 - 33.
9. Oyefolu AO, Omilabu SA, Amure of, Adeniyi AS, Audu RA et al. (1998): Potency Status of Trivalent Oral Polio Vaccines (TOPV) Administered in Lagos, Nigeria. *Nig. Quart. J. Hosp.Med.* 8(1): 14 - 17.
10. Adeiga AA, Akinosho RO, Audu RA and Onyewuche J.(1999): Estimation of Measles Sero-Conversion In Children Vaccinated Against Measles in Edo State of Nigeria. *Nig.Quart. J. Hosp.Med.* 9(2): 169-171.
11. Omilabu SA, Oyefolu AO, Ojo OO and Audu RA. (1999): Potency Status and Efficacy of Measles Vaccine Administered in Nigeria: A Case Study of Three EPI Centres in Lagos, Nigeria. *Afr. J. Med. Med. Sci.* Sep-Dec; 28 (3-4): 209 – 212.
12. Audu RA, Omilabu SA, Renner JK and Awodiji JA. (2000): Risk Factors, Clinical Features and Management of Children with Diarrhoea in Lagos. *J. Nig. Infect. Con. Assoc.* 3(1): 24-29.
13. Idika N, Audu RA, Oyedeji KS, Iyanda R and Egbom CA. (2000): Investigation of Different Water Sources as a Possible Cause of Cholera Outbreak in Lagos in 1997. *J. Nig. Infect. Con. Assoc.* 3 (2):6-8.
14. Adeiga, A, Akinosho RO, Audu RA and Onyewuche J. (2000): Status of Tetanus Antibodies in the Newborns of Immunized Mothers. *J. Med & Medical Sci.* July-Dec, Vol. 2(2): 125-128.
15. Audu RA, Omilabu SA and Onile BA (2001): The Prevalence of Rotavirus, Adenovirus and Astrovirus in Children with Diarrhoea in Ilorin Kwara State, Nigeria. *Afr. J. Clin. Exp. Micro.* 2(2): 20-22.
16. Audu R, Omilabu SA, De Beer M, Peenze I and Steele AD (2002): Diversity of Human Rotavirus VP6, VP7, and VP4 in Lagos State, Nigeria. *J. Health Popul. Nutr.* 20:59-64.
17. Afolabi BM, Audu RA, Olukosi A (2002): Nutritional Status of Preschool Children in Rural Coastal Nigeria. *Journal of Malaria in Africa & the Tropics.* 1(1):36-38.
18. Audu RA, Omilabu SA, Peenze I And Steele D. (2002): Viral Diarrhoea In Young Children In Two Districts In Nigeria. *The Cent Afr J Med.* 48(5/6): 59-63.
19. Audu Ra, Omilabu Aremu S., Peenze Ina, Steele Duncan A. (2002): Isolation and Identification of Adenovirus Recovered from the Stool of Children with Diarrhoea in Lagos, Nigeria. *Afr.J.Health Sci.* 9: 105-111.
20. Salu OB, Audu RA, Geyer A, Steele AD and Oyefolu AOB (2003): Molecular Epidemiology of Rotaviruses in Nigeria: Detection of Unusual Strains With G2P[6] and G8P[1] Specificities. *J. Clin. Micro.* 41(2): 913-914.

21. Ebuehi, OAT, Balogun, MO, Audu RA, Idigbe, EO (2003) Osmotic Fragility and Na<sup>+</sup> - K<sup>+</sup> ATPase Activity of Erythrocytes of HIV/AIDS Patient. *Saudi Medical Journal*. 24(12):1412-1414.
22. Ebuehi, OAT, Balogun, MO, Audu RA, Idigbe, EO (2004): Blood Chemistry and Platelet Serotonin Uptake as Alternative Method Tracking HIV/AIDS. *Afr. J. Clin & Exp. Micro*. 5(2): 155-159.
23. Audu RA, Akanmu AS, Efiemokwu C, Musa AZ, Lemoha E, Odunaike MI, Funso-Adebayo EO, Meshack E and Idigbe EO (2004): Changes in Serum Proteins and Creatinine Levels in HIV Infected Nigerians. *Nigerian Journal of Health and Biomedical Sciences*. 3(2): 69-72.
24. Audu RA, Akanmu AS, Efiemokwu C, Dele AZ, Lemoha E, Odunaike MI, Aniedobe and Idigbe EO (2004): Impact of Tuberculosis Co-Infection on The Level of PCV in HIV Infected Patients. *Nigerian Quarterly Hospital Medicine*. 14(2): 115- 117.
25. Ebuehi, OAT, Balogun, MO, Audu RA, Idigbe, EO (2004): Osmotic Fragility and Na<sup>+</sup> - K<sup>+</sup> ATPase Activity of Erythrocytes of HIV/AIDS Patient. *Afr. J. Clin & Exp. Micro*. 5(2): 148-154.
26. Adeiga A, Akinosho RO, Audu RA, Onyewuche J and Oyewole O (2004): Placental Transfer of Measles Antibodies in Nigerian Mothers. *Br. J. Biomed. Sci*. 61(1): 37-39.
27. Audu RA, Onwujekwe DI, Onubogu CC, Adedoyin JA, Onyejebu N. Mafe AG, et al (2005): Possible Impact of Co-Infections of Tuberculosis and Malaria on The CD4<sup>+</sup> Cell Counts of HIV Patients in Nigeria. *Annals of African Medicine*. Vol 4(1): 10-13.
28. Adeiga A, Omilabu SA, Audu RA, Sanni F, Lakehinde GP, Balogun O and Olagbaju O (2005): Tetanus Toxoid Immunization Coverage Among Mothers of Children Below One Year of Age in Difficult-To-Reach Area of Lagos Metropolis. *Afr. J. Clin & Exp. Micro*. 6(2): 233-237.
29. Adeiga A, Omilabu SA, Audu RA, Sanni F, Lakehinde GP, Balogun O and Olagbaju O (2005): Infant Immunization Coverage in Difficult-To-Reach Area of Lagos Metropolis. *Afr. J. Clin & Exp. Micro*. 6(2): 227-231.
30. Idigbe EO, Adewole T, Kanki P, Eisien G, Odunukwe DI, Audu RA, Araoyinbo I, Salu OB, Adedoyin JA and Musa AZ (2005): Management of HIV-1 Infection With a Combination of Nevirapine, Stavudine, Lamivudine: A Preliminary Report on the Nigerian ARV Program. *J. Acquir. Immune Defic. Syndr* 40(1):65-69.
31. Ebuehi OAT, Balogun M, Ebuehi OM, Audu RA and Idigbe EO (2005): Urinary Creatinine Levels in HIV/AIDS Disease. *European Journal of Scientific Research* 10 (1): 60-65.
32. Odunukwe N, Idigbe O, Kanki P, Adewole T, Onwujekwe D, Audu R and Onyewuche J (2005): Haematological and Biochemical Response to Treatment of HIV-1 Infection With a Combination of Nevirapine + Stavudine + Lamivudine in Lagos Nigeria. *Turk. J. Haematol*. 22(3): 125-131.
33. Idigbe EO, Audu RA, Salu OB, Onyewuche JI, Oparaugo CT, Musa AZ, et. al. (2006): Profile of Baseline CD4 T-Lymphocyte and Viral Load Levels in HIV Infected Treatment Naïve Patients in Lagos, Nigeria. *Saudi Medical Journal* 27 (5):733 -735.



34. Idigbe EO, Odutolu O, Okonkwo P, Folayan MO, Uwakwe CBR, Audu RA, Jolayemi OM and Osagbemi M. (2006). Evaluation of The Nigerian National Antiretroviral (ARV) Treatment Training Programme. *Sahara Journal* 3(3): 488-502.
35. Idigbe EO, Audu RA, Oparaugo CT, Onwujekwe D, Onubogu CC, Adedoyin J, et. al. (2006). Comparison of Dynabeads and Capcellia Methods With FACScout for The Estimation Of CD4 T Lymphocyte Levels in HIV/AIDS Patients in Lagos, Nigeria. *East Afr. Med. J.* 83(4): 105-111.
36. Audu RA, Salu OB, Musa Az, Onyewuche J, Funso-Adebayo EO, Iroha EO, Ezeaka VC, et. al. (2006): Estimation of the Rate of Mother to Child Transmission of HIV in Nigeria. *Afr. J. Med. Med. Sci.* 35 (2): 121 – 124.
37. Oyefolu AOB, Nwaeke AC, Audu RA, Akinyemi KO, Salu OB, Muller CP and Omilabu SA. (2007) Evaluation of Measles Vaccine Cold Chain in Lagos State, Nigeria. *Afr. J. Clin & Exp. Micro.* 8 (1): 1 - 7.
38. Audu RA, Idigbe EO, Akanmu AS, Mafe AG, Onyewuche J, Oparaugo CT, Dele AZ et. al. (2007). Values of CD4+ T Lymphocyte in Apparently Healthy Individuals in Lagos, Nigeria. *European Journal of Scientific Research* 16 (2): 168 - 173.
39. Oladepo DK, Idigbe EO, Audu RA, Inyang US, Imade GE, Philip AO, Okafor GO, Olaleye D, Mohammed SB et. al. (2009): Establishment of Reference Values of CD4 and CD8 Lymphocyte Subsets in Healthy Nigerian Adults. *Clinical and Vaccine Immunology*, 16(9): 1374-1377.
40. Idigbe EO, Audu RA, Iroha EO, Akinsulie AO, Temiye EO, Ezeaka VC, Adetifa IMO, Musa AZ, Onyewuche J and Ikundu SU (2010): T-Lymphocyte Subsets in Apparently Healthy Nigerian Children. *International Journal of Pediatrics Vol 2010, Article Id 474380.*
41. Ezechi Oliver C; Jogo Andrea; Gab-Okafor Chidinma; Onwujekwe Dan I; Ezeobi Paschal M; Gbajabiamila Titi; Adu Rosemary A; Audu Rosemary A; Musa Adesola Z; Salu Olumuyiwa B; Meschack Emily; Herbertson Ebiere; Odunukwe Nkiru; Idigbe Oni E (2010): Effect Of HIV-1 Infection and Increasing Immunosuppression on Menstrual Function. *The J. of Obstetrics and Gynaecology Research*; 36(5):1053-8.
42. Afea AJ, Adewumbi N, Emokpae A, Fagoralad T, Disub AE, Abidoyeb G, Ganikalee I and Audu R. (2011): Outcome of PMTCT Services and Factors Affecting Vertical Transmission of HIV Infection in Lagos, Nigeria. *HIV & AIDS Review*, 10 (1), P.14-18, Mar 2011  
Doi:10.1016/J.Hivar.2011.02.001.
43. Okwuraiwe AP, Salu OB, Onwuamah CK, Amoo OS, Odunukwe NN and Audu RA. (2011): Experience With Hepatitis B Viral Load Testing in Nigeria. *Afr. J. Clin & Exp. Micro.* Afr. J. Clin & Exp. Micro. 12 (3): 101 – 105.
44. Butali A, Mossey PA, Adeyemo WL, Jezewski P, Onwuamah CK, Omobolanle O, Ugboko VO, Adejuyigbe O, Adigun IA, Abdur-Rahman LO, Onah I, Audu R, Idigbe E, Mansilla MA, Ecaterina D, Petrin AL, Bullard SA, Uduezue A, Akpata O, Osaguona A, Olasoji OH, Ligali L, Kejeh B, Iseh K, Olaitan P, Adebola A, Efunkoya A, Adesina A, Oluwatosin O and Murray Jc (2011): The Nigeria CRAN Collaboration. Genetic Studies In The Nigerian Population Implicate A Mx1 Mutation in Complex Oral Facial Clefing Disorders. *Cleft Palate Craniofac J.* (Epub Ahead Of Print, PMID: 21740177).

45. Onykwere CA, Audu RA, Duro-Emmanuel F and Ige FA (2012): Hepatitis D Infection In Nigeria. *Indian J Gastroenterol*. Doi:10.1007/S1 2664-011-0158-9.

**B. Papers in Proceedings of Conference**

1. Audu RA, Idigbe EO, Onwujekwe DI, Onubogu CC, Adedoyin JA, Mafe AG, Okoye R, Onyewuche J, Oparaugo C, Funsho-Adebayo F, Nathan E and Dele AZ. Evaluation of Different Techniques for The Estimation of The Levels of CD4 Cells in Lagos Nigeria. XIV International AIDS Conference 2002 Proceedings. Barcelona (July 7-12, 2002). 175-178.
2. Audu RA, Idigbe EO, Onwujekwe DI, Adedoyin JA, Onyejebu N, Mafe AG, Onyewuche J, Oparaugo C, Enwuru C, Aniedobe M and Dele AZ. Possible Impact of Co-Infections on the CD4+ Cell Counts of HIV Patients in Nigeria. XIV International AIDS Conference 2002 Proceedings. Barcelona (July 7-12, 2002). 209-212.
3. Idigbe EO, Ibrahim MM, Onwujekwe DI, Adedoyin JA, Otoh I and Audu RA. The Trend of HIV/AIDS in Clinical and Laboratory Facilities in Nigeria: 1989 – 1999. XIV International AIDS Conference 2002 Proceedings. Barcelona (July 7-12, 2002). 7-11.

**C. Monographs/Books/Documentations**

1. Idigbe EO, Audu RA and Ahonsi B (2003): Profile of The Human Virology Laboratory at the Nigerian Institute of Medical Research, Yaba. Technical Report Commissioned For The Ford Foundation, Lagos, Nigeria.
2. Idigbe EO, Harry TO, Ekong EE, Audu RA, Musa AZ and Funsho-Adebayo EO. (2003). Nigeria's Contributions to Regional and Global Meetings on HIV/AIDS/STIs 1986 – 2003.
3. Idigbe EO, Kanki P, Harry TO, Sankale JL, Akanmu AS, Agwale S, Odutolu O, Onoja AJ, Okafor G, Njoku OS, Onwujekwe D, Uzono LG, Idris Saliu and Audu RA. (2003): Background Document for the Training Modules on Laboratory Tests for Diagnosis and Monitoring of HIV Infection. First Edition, ISBN978-062-327-2.
4. Idigbe EO, Kanki P, Harry TO, Sankale JL, Akanmu AS, Agwale S, Odutolu O, Onoja AJ, Okafor G, Njoku OS, Onwujekwe D, Uzono LG, Idris Saliu and Audu RA. (2003): Training Manual on Laboratory Tests for the Diagnosis and Monitoring of HIV Infection. First Edition, ISBN978-062-326-4.
5. Idoko J, Idigbe Eo, Ogala WN, Gashau W, Farley J, Akanmu AS, Agbaji OO, Oguiche S, Pam S, Matemilola P, Korifama OO, Audu RA, et al (2004): Guidelines For the Use of Antiretroviral (ARV) Drugs in Nigeria. Federal Ministry of Health. ISBN 978-166-463-3.
6. Idigbe EO, Odutolu O, Okonkwo P, Uwakwe C, Jolayemi O, Audu RA and Osagbemi M (2005): Evaluation of the ARV Training Programs Among Health Personnel in Nigeria. ISBN 978-38457-7-2.
7. Idigbe EO, Idika N, Audu RA, Otunonye NM and Onwuamah CK. (2005): Directory of Stakeholders on HIV/AIDS in Nigeria. First Edition, ISBN 978-38457-6-4.

8. Idigbe EO, Harry TO, Ekong EE, Audu RA, Musa AZ, Funsho-Adebayo EO and Onwuamah CK. (2005). Nigeria's Contributions to Regional and Global Meetings on HIV/AIDS/STIs 1986 – 2005, Second Edition, ISBN 978-38457-2-1.
9. Idoko JA, Onwujekwe DI, Agbaji OO, Sonibare SA, Uzono LG, Ezechi OC, Davies A, Ogundiran A, Odunukwe NN, Audu RA et.al. (2005). Training Manuals for Doctors on the Use of Antiretroviral Drugs in Nigeria. First Edition, ISBN 978-38457-3-X.
10. Idigbe EO, Ezechi O, Audu RA and Musa A (2005). Human Capacity Development for Treatment, Care and Support of PLWHA's In Nigeria: 2004 – 2005. ISBN 978-38457-8-0.
11. Osinusi K., Ogala WN, Iroha E, Rabasa AI, Nte A, Adejuyigbe EA, Oguche S, Pam SD, Umar LW, Elon L, Ernest K, Oniyangi O, Mukhtar-Yola, M, Owolabi OA, Ojukwu JU, Eke G, Emokpae A, Audu RA et.al. (2007). National Guidelines for Paeditric HIV and AIDS Treatment and Care. ISBN 978-978-48611-0-6.
12. Osinusi K., Ogala WN, Iroha E, Rabasa AI, Nte A, Adejuyigbe EA, Oguche S, Pam SD, Umar LW, Elon L, Ernest K, Oniyangi O, Mukhtar-Yola, M, Owolabi OA, Ojukwu JU, Eke G, Emokpae A, Audu RA et.al. (2007). Standard Operating Procedures on Antiretroviral Therapy for Paediatric Patients. ISBN 978-978-48611-1-3.