

Biography

Dr. ADENAIKE, Adeyemi Sunday is a Lecturer I in the Department of Animal Breeding and Genetics of Federal University of Agriculture, Abeokuta, Nigeria. He holds a First Class Honours Bachelor's degree in Agriculture, with option in Animal Breeding and Genetics from Federal University of Agriculture, Abeokuta, Nigeria and also completed his Master's Programme in Animal Breeding and Genetics (Animal Biotechnology option) in the same University with Distinction. He completed my Ph.D Programme in 2014 in Animal Breeding and Genetics (Animal Biotechnology option). He is very familiar with quantitative and population genetics, molecular genomics, statistical genomics, basic bioinformatics and very comfortable working at the interphase of quantitative and molecular genetics. He is very good in the use of Statistical Analysis System (SAS), SPSS, Excel, Winbugs (for Bayesian analysis) and R software in analysis of genomic data as well as general data using both Window and Linux operating systems.

He has submitted sequences to Genbank with Accession number: (KY494915 - KY494922 for *TNFRSF1A*) and *Zyxin* (GenBank accession No. KY560190 - KY560196). These genes are genes he sequenced in his Ph.D work.

Area of Bioinformatics he has run analyses include: Single nucleotide Polymorphism detection, multiple sequences Alignment, Phylogeny tree, Secondary and Tertiary structure prediction, Annotation of sequences using Map viewer, Primer design using Primer3. He uses the following bioinformatics very well DNAsp, MEGA, Clustal W and X, Bioedit, NCBI ORF Finder, Panther, Primer 3 and Mr. Bayes.

The long-term goal of his research activities is to identify genes that influence immune response and disease resistance of chickens to avian pathogens. He is currently into investigating the genetics of resistance to Salmonella disease, an economically important disease of chickens. Collaborative studies with senior colleagues are also underway to evaluate coccidiosis, a protozoan disease of the chicken intestinal tract. His emphasis is on the major histocompatibility complex, a gene complex whose products influence T lymphocyte function, as well as other chicken genes throughout the genome. I am studying MHC Class II (BLB) gene in chicken, He has looked at its expression using RT-PCR and wish to study many MHC genes through Gene enrichment analysis and Pathway analysis. He routinely uses SNP markers to genotype chickens and search for genes affecting immune response and disease resistance.

CURRICULUM VITAE

01. PERSONAL

- (i) Name in Full: ADENAIKE Adeyemi Sunday
(ii) Date of Birth: 14th December, 1980
(iii) Place of Birth: Ibadan
(iv) Age: 37 Years
(v) Sex: Male
(vi) Marital Status: Married
(vii) Nationality: Nigerian
(viii) Town and State of Origin: Ijebu-Ode, Ogun State
(ix) Contact Address: Department of Animal Breeding and Genetics, College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta
(x) Phone number: +234-8030517838
(xi) E-mail Address: adenaike20094help@yahoo.com
adenaikeas@funaab.edu.ng
(xii) Present Post: Lecturer I

(2) EDUCATIONAL BACKGROUND

(i) EDUCATIONAL INSTITUTIONS ATTENDED (WITH DATES)

| | |
|---|-----------|
| Federal University of Agriculture, Abeokuta, Ogun State | 2011-2014 |
| University of Agriculture, Abeokuta, Ogun State | 2010-2011 |
| University of Agriculture, Abeokuta, Ogun State | 2003-2009 |

(ii) Academic and Professional Qualifications (With Dates)

| | |
|--|---------------|
| Ph.D (Animal Biotech.) | August, 2014 |
| M. Agric. (Animal Biotech.) | October, 2011 |
| B. Agric. (Hons.) (First Class Honours) | January, 2009 |

(iii) Prizes, Honours, Scholarships, National and International Recognition

- 1) TETFUND Institution Based Research intervention award for 2015 – as lead Researcher
- 2) TETFUND Institution Based Research intervention award for 2014 – as Co-Researcher
- 3) Vice-Chancellor's prize for the best research proposal at International Foundation for Science (IFS) grant application write-shop organized by Directorate of Grants Management, Federal University of Agriculture, Abeokuta. January, 2014.
- 4) TETFUND Institution Based Research intervention award for 2013 – as Co-Researcher
- 5) Postgraduate Tuition Scholarship for First Class Students in the University 2010-2011
- 6) University of Agriculture Graduate Fellowship, 2010

- 7) Senate Award for First Class Students for the Department of Animal Breeding and Genetics, University of Agriculture, Abeokuta, 2009
- 8) Academically Excellent Student in Redeemed Christian Fellowship, University of Agriculture, Abeokuta. 2007/2008 academic session.
- 9) Best Graduating Student in Redeemed Christian Fellowship, University of Agriculture, Abeokuta. 2007/2008 academic session.

(3) WORK EXPERIENCE

Federal University of Agriculture, Abeokuta

Post Held

- 1) Lecturer II, Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. September 11, 2014- Till date
- 2) Assistant Lecturer, Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. October 31, 2011 – September 10, 2014
- 3) Junior Research Fellow, Department of Animal Breeding and Genetics, Federal University of Agriculture, Abeokuta. August 3, 2010 – October 30, 2011

b1) Designation / Specialization

Lecturer I

b2) University Teaching Responsibilities:

| Course Code | Level | Course Title | Session | Unit | No of Lecturers | No of students |
|-------------|-------|---|---------|------|-----------------|----------------|
| AGS 597 | 500 | Seminar I | 2009/10 | 1 | 9 | 59 |
| AGS 598 | 500 | Seminar II | 2009/10 | 2 | 9 | 59 |
| AGS 597 | 500 | Seminar I | 2010/11 | 1 | 8 | 53 |
| AGS 568 | 500 | Seminar II | 2010/11 | 2 | 8 | 53 |
| AGS 597 | 500 | Seminar I | 2011/12 | 1 | 11 | 57 |
| AGS 598 | 500 | Seminar II | 2011/12 | 2 | 11 | 57 |
| AGS 597 | 500 | Seminar I | 2012/13 | 1 | 12 | 63 |
| AGS 598 | 500 | Seminar II | 2012/13 | 2 | 12 | 63 |
| ABG 301 | 300 | Fundamental of Animal Breeding and Genetics | 2012/13 | 3 | 5 | 1200 |
| ABG 504 | 500 | Biotechnology in Livestock improvement | 2012/13 | 3 | 3 | 65 |
| AGS 597 | 500 | Seminar I | 2013/14 | 1 | 13 | 74 |
| AGS 598 | 500 | Seminar II | 2013/14 | 2 | 13 | 74 |
| ABG 301 | 300 | Fundamental of Animal Breeding and Genetics | 2013/14 | 3 | 4 | 1350 |
| ABG 504 | 500 | Biotechnology in Livestock improvement | 2013/14 | 3 | 3 | 78 |
| ABG 701 | 700 | Introduction to Biotechnology and Animal Genetics | 2013/14 | 2 | 3 | 10 |

| | | | | | | |
|---------|-----|---|---------|---|----|------|
| ABG 706 | 700 | Advanced Biotechnology | 2013/14 | 3 | 3 | 10 |
| AGS 597 | 500 | Seminar I | 2014/15 | 1 | 13 | 78 |
| AGS 598 | 500 | Seminar II | 2014/15 | 2 | 13 | 78 |
| ABG 301 | 300 | Fundamental of Animal Breeding and Genetics | 2014/15 | 3 | 4 | 1300 |
| ABG 504 | 500 | Biotechnology in Livestock improvement | 2014/15 | 3 | 2 | 80 |
| ABG 701 | 700 | Introduction to Biotechnology and Animal Genetic | 2014/15 | 2 | 4 | 16 |
| ABG 706 | 700 | Advanced Biotechnology | 2014/15 | 3 | 4 | 16 |
| ANS798 | 700 | Seminar I | 2014/15 | 1 | 10 | 40 |
| ANS799 | 700 | Seminar II | 2014/15 | 1 | 10 | 40 |
| ABD 702 | 600 | Artificial insemination and Hatchery in Poultry | 2014/15 | 2 | 1 | 1 |
| AGS 597 | 500 | Seminar I | 2015/16 | 1 | 12 | 84 |
| AGS 598 | 500 | Seminar II | 2015/16 | 2 | 12 | 84 |
| ABG 301 | 300 | Fundamental of Animal Breeding and Genetics | 2015/16 | 3 | 5 | 1500 |
| ABG 504 | 500 | Biotechnology in Livestock improvement | 2015/16 | 3 | 2 | 84 |
| ABG 701 | 700 | Introduction to Biotechnology and Animal Genetic | 2015/16 | 2 | 3 | 15 |
| ABG 706 | 700 | Advanced Biotechnology | 2015/16 | 3 | 3 | 15 |
| ANS798 | 700 | Seminar I | 2015/16 | 1 | 10 | 45 |
| ANS799 | 700 | Seminar II | 2015/16 | 1 | 10 | 45 |
| AGS 597 | 500 | Seminar I | 2016/17 | 1 | 11 | 114 |
| AGS 598 | 500 | Seminar II | 2016/17 | 2 | 11 | 114 |
| ABG 311 | 300 | Applied Statistics and Animal Experimentation | 2016/17 | 2 | 3 | 440 |
| ABG 312 | 300 | Computer Application in Animal Agriculture and Research | 2016/17 | 3 | 3 | 440 |
| ABG 501 | 500 | Animal Experimentation and Research techniques | 2016/17 | 3 | 3 | 530 |
| ABG 801 | 800 | Introduction to Biotechnology and Animal Genetic | 2016/17 | 2 | 3 | 20 |
| ABG 807 | 800 | Biostatistics | 2016/17 | 3 | 2 | 60 |
| ABG 806 | 800 | Advanced Biotechnology | 2016/17 | 3 | 3 | 20 |
| ANS898 | 800 | Seminar I | 2016/17 | 1 | 10 | 45 |
| ANS899 | 800 | Seminar II | 2016/17 | 1 | 10 | 45 |

(ci) B. Agric. Project Supervision

2012/2013 session: 5 undergraduate students were successfully supervised.

2013/2014 session: 5 undergraduate students were successfully supervised.

2014/2015 session: 7 undergraduate students were successfully supervised.

2015/2016 session: 6 undergraduate students were successfully supervised.

2016/2017 session: 8 undergraduate students were successfully supervised

(4) SPECIAL ASSIGNMENTS/COMMUNITY SERVICES

- i) Public Relation Officer for Prayer Unit, The Redeemed Christian Church of God, Jesus High Place Parish, Camp, Abeokuta June, 2017 - till Date
- ii) Prayer Coordinator for Prayer Unit, The Redeemed Christian Church of God, Success Assembly Parish, Fajol, Abeokuta June, 2014 – May 2017
- iii) Member, College Board, COLANIM, FUNAAB, 2011- till Date
- iv) Examination Officer, Department of Animal Breeding and Genetics, from 2014 - till date.
- v) Participate in Sanitation and security matters of Irewole community, Osiele, Abeokuta- Last Saturday of every month.
- vi) Level Adviser, 2011/2012 (200 level), 2012/2013 (200 level), 2013/2014 (300 level)
- vii) Polio Immunization in Mushin, Lagos State, June, 1999
- vii) De-worming of Pilot Primary School Pupils, Shabu, Lafia, Nasarawa State March, 2010.

(5) TRAINING PROGRAMME ATTENDED

- 1) Basic Bioinformatics Training organized by African Biosciences held in Ibadan, June 27- July 1, 2016. I was one of the Resource persons.
- 2) Advanced Digital Appreciation Programme for Tertiary Institutions organized by Nigerian Communications Commission at FUNAAB. May 11th-15th, 2015.
- 3) International Foundation for science (IFS) grants application write-shop organized by Directorate of Grants management, Federal University of Agriculture, Abeokuta. January 13-15, 2014.
- 4) Workshop on Statistical Analysis and Data management, organized by Universal conservices limited (FUCONS), Federal University of Agriculture, Abeokuta. April 10th -12th, 2013.
- 5) Workshop on Genetic characterization of locally Adapted poultry breeds of West Africa and Brazil in collaboration with EMBRAPA/OAU/INQUABA at Lafia Hotel, Apata, Ibadan, Oyo State. March 27, 2013
- 6) International Biotechnology symposium on Agro-Biotechnology and the attainment of food security in Africa, organized by Department of Biological Sciences, Covenant University, Ota, in collaboration with the national Biotechnology Development Agency (NABDA), Abuja 12-14, 2011.

(6) COMMENDATION

Nil

(7) MEMBERSHIP OF PROFESSIONAL BODIES

(i) Member, Animal Science Association of Nigeria. (ASAN)

(8) RESEARCH INTEREST OR COMMISSIONED PROJECTS

a) Completed

i. The Reproductive performance of West African Dwarf goats reared under intensive and extensive management system.

ii. Coccidiosis tolerance and Genetic diversity of Nigerian indigenous chickens.

b) Research in Progress

Molecular characterization of Major Histocompatibility alleles in Nigerian locally adapted turkeys and its association with immune response.

(9) PUBLICATIONS

(A) Project/Dissertation/Thesis

1. Adenaike, A.S. (2009): Pre-weaning weight of West African Dwarf goat under intensive and extensive management system. B. Agric. Project, University of Agriculture, Abeokuta, 41pp.

2. Adenaike, A.S. (2011): Bioinformatics analyses of *Kappa Casein* gene in twenty four mammalian species. M. Agric. Dissertation, University of Agriculture, Abeokuta, 106pp.

3. Adenaike, A.S. (2014): Genetics of Coccidiosis Tolerance and Diversity of Its Positional Candidate genes in Nigerian Local and Exotic Chickens. Ph.D. Thesis. Federal University of Agriculture, Abeokuta, 177pp.

Journal Articles in Print

1^f. Adenaike, A.S. and Bemji, M.N. (2011): Effects of environmental factors on birth weight and weaning weights of West African Dwarf goats under intensive management and extensive management system. *Advances in Agricultural Biotechnology* 1:9-14. Published by Advances in Agricultural Biotechnology, New Zealand.

2. Abolude, A.T., Olowofeso, O., Peters, S.O., Ozoje, M.O., Smith, O.F. and Adenaike, A.S. (2012): Phylogenetics of Elongation Factor-G Mitochondrial Protein Gene (GFM1) in ten selected species. *Journal of Agricultural Science and Environmental*. 11(1) 99-103. Published by Journal of Agriculture Science and Environmental, Nigeria. Federal University of Agriculture, Abeokuta, Nigeria.

3^f. Bemji, M.N., Ogunjimi, A.A., Ode, A.J., Okediji, S.R., Akinwunmi, A.T., Sanyaolu, T.O., Salawudeen, B.S., Kelani, B.A., Ogunsola, A.O., Agunbiade, M.O., Adenaike, A.S. and Ogundiyi, A.I. (2013): Prevalence of coat colour phenotypes in West African Dwarf Sheep reared by small holder farmers in South Western Nigeria. *American Journal of Experimental Agriculture*. 2(4):587-596. Published by Science Domain International, U.S.A.

4^f. Durosaro, S.O., Oyetade, M.S., Ilori, B.M., **Adenaike, A.S.**, Olowofeso, O., Wheto, M., Amusan, S.A., Osho, S.O. and Ozoje, M.O. (2013): Estimation of Body weight of Nigeria Local Turkeys from Zoometrical Measurement at 4, 8 and 12 Weeks of age. *Global Journal of Science Frontier Research (Bio-Tech and Genetics)*. 13(1): 10-14. Published by Global Journal Inc. (USA). Available online at <https://globaljournals.org/GJSFR-Volume 13/1>

5. **Adenaike, A.S.**, Peters, S.O, Fafiolu, A.O., Lawal, R.A., Wheto, M. and Ikeobi, C.O.N. (2013). Bioinformatics analyses of kappa casein gene in mammalian livestock. *Nigerian Journal of Animal Production* 40 : (2) 1-12. Published by the Nigerian Society for Animal Production, **Nigeria**.

6^f. **Adenaike A.S.**, Osisanya T.O., Ogunsola, O.D., Asine, A.O., Wheto, M., Ogunlakin, A.D. and Ikeobi, C.O.N. (2013): Combining ability of growth traits and inheritance in three breeds of rabbit. *Journal of Biology, Agriculture and Healthcare* 3(13): 102-107. Published by International for Biology, Agriculture and Healthcare, **U.S.A**.

7. Amusan, S.A., Ikeobi, C.O.N., Adebambo, A.O., Agaviezor, B.O., Wheto Mathew., Durosaro, S.O., **Adenaike, A.S.**, Ilori, B.M., Adedeji, T.A., and Adebambo, Olufunmilayo (2013). Effect of chicken genotype on growth performance and feed consumption in the development of broiler lines. *Nigerian Journal of Animal Production* 40 (2), 1-6. Published by Nigerian Society for Animal Production, **Nigeria**.

8^f. John S. Decampos, Christian O. N. Ikeobi, Olajide Olowofeso, Olusiji F. Smith, Matthew A. Adeleke, Matthew Wheto, David O. Ogunlakin, Abubakar A. Mohammed, Timothy M. Sanni, Babatunde A. Ogunfuye, Raman A. Lawal, **Adeyemi S. Adenaike**, Samuel A. Amusan. (2013). Effects of coat colour genes on body measurements, heat tolerance traits and haematological paramaters in West African Dwarf Sheep. *Open Journal of Genetics* 3, 280-284. Published by Scientific Research, **U.S.A**.

9*. Wheto, M., Ilori, B.M., Sanda, A.J. Adeleke, M.A., Durosaro, S.O., **Adenaike, A.S.** Adebambo, A.O, Ikeobi, C.O.N., Onagbesan, O.M, Ozoje, M.O. and Adebambo, O.A. 2015. Morphological characterization and evaluation of heat tolerance traits in Nigerian goat breeds. *Nigerian Journal of Animal Production* 42 (2), 1-13. Published by Nigerian Society for Animal Production, **Nigeria**.

10*. **Adenaike, A.S.**, Akinlabi, I.O., Akinola, A.O. Ewaoluwagbemiga, E.O., Ogundero, A.E., Tijani, A.G. and Ikeobi, C.O.N. (2016). Sex identification of Nigerian indigenous chicks using Auto-sexing methods. *Nigerian Journal of Animal Production* 43 (1), 21-26. Published by Nigerian Society for Animal Production, **Nigeria**.

11^{f*}. Shittu, O.B., Adelaja, O.M., Obuotor, T.M., Sam-Wobo, S.O. and **Adenaike, A.S.** (2016). PCR-Internal Transcribed Spacer (ITS) gene sequencing and phylogenetic analysis of clinical and environmental Aspergillus species associated with HIV-TB co infected patients in a hospital in Abeokuta, southwestern Nigeria. *African Health Sciences* 16 (1), 141-148. <http://dx.doi.org/10.4314/ahs.v16i1.19>. Published by the Makerere University school of Medicine, Kampala, **Uganda**.

12*. Wheto, M. Adeleke, M.A., Ilori, B.M., Durosaro, S.O., Sanda, A.J., **Adenaike, A.S.**, Adebambo, A.O., Akano, K., Ikeobi, C.O.N. and Adebambo, O.A. (2016). Growth hormone gene polymorphism and its effect on carcass characteristics in improved Nigerian indigenous chicken. *Nigeria Poultry Science Journal* 12:29-34. World Poultry Science Association-Nigeria branch, **Nigeria**.

13*. Bello-ibiyemi, A.A., Wheto, M., **Adenaike, A.S.**, Decampos, J.S., Ogunlakin, D.O., Atunnise, M., Shola, S. and Ikeobi, C.O.N. (2016). Principal component regression of the morphostructural traits of West African dwarf sheep. *Nigerian Journal of Animal Production* 43(2) 62-71. Published by the Nigerian Society for Animal Production, **Nigeria**.

14^{ft}*. **Adenaike, A. S.**, Mabunmi, A. O., Takeet, M.I., O.D. Adenaike and Ikeobi, C.O.N. (2016) Genetic differences in the body weight and haematological traits of Nigerian indigenous chickens infected with *Eimeria tenella*. *Tropical Animal Health and Production* 48 (7) 1443-1447. Published by Springer in **Britain**.

15^{ft}*. Okpeku, M., Peters, S.O., Imumorin, I.G., Caires, K.C., Sharma, V.K., Wheto, M., Taman, R., **Adenaike, A.S.**, Ozoje, M.O. and Thangaraj, K. (2016). Mitochondrial DNA hypervariable region 1 diversity in Nigerian goats. *Animal Genetic Resources* 59, 47–54. Published by Food and Agriculture Organization of the United Nations, **Italy**.

16^{ft}*. **Adenaike A.S.**, Akpan, U and Ikeobi C.O.N. (2016). Principal components regression of body measurements in five strains of locally adapted chickens in Nigeria. *Bulletin of Animal Health and Production in Africa* 64(1) 107-117. Published by African Union Inter-African Bureau for Animal Resources, **Kenya**.

17^{ft}*. Durosaro, S.O., Ilori, B.M., Raheem, K.O., **Adenaike, A.S.**, Olowofeso, O., Adebambo, A.O., Ajibike, A.B. and Ozoje, M.O. (2016): Genetic parameter estimates for growth traits at different ages in Nigerian indigenous turkeys. *Bulletin of Animal Health and Production in Africa*, 64(3): 307-318. African Union Inter-African Bureau for Animal Resources (IBAR) Publication, **Kenya**. ISSN0378-9721.

18*. Sonubi, A.E., **Adenaike, A.S.**, Dauda, A.A., Alao, T.P., Shonubi, B.O., Iyiola, O.A., Abayomi, T.J. and Ikeobi C.O.N. (2017). Bayesian Principal component analysis of Nigerian indigenous normal feather chickens' body linear measurements. *Nigerian Journal of Animal Production* 44 (1) 10-20. Published by the Nigerian Society for Animal Production, **Nigeria**.

19^{ft}*. **Adenaike, A.S.**, Akpan, U., Udoh, J.E., Wheto, M., Durosaro, S. O. Sanda, A. J. and Ikeobi, C.O.N. (2017). Comparative evaluation of growth functions in three broiler strains of Nigerian chickens. *Pertanika Journal of Tropical Agriculture Science* 40 (4): 611 – 620. Published in Malaysia.

20^{ft}*. Iyiola, O.A., **Adenaike A.S.**, Alao, T.P., Shonubi, B.O., Dauda, A.A., Shonubi, A.E., Abayomi T.J. and Ikeobi C.O.N. (2017). Modelling growth curves of Nigerian indigenous normal feather chicken using Bayesian nonlinear model. *Bulletin of Animal Health and Production in Africa*, 65(2): 271-275. African Union Inter-African Bureau for Animal Resources (IBAR) Publication, **Kenya**. ISSN0378-9721.

21. Wheto, M., **Adenaike, A.S.**, Sanda, A.J., Ilori, B.M., Akano, K., Sanni, T., Olowofeso, O., Ikeobi, C.O.N. and Adebambo, O.A. (2017). Association between *Insulin-like Growth Factor-*

I (IGF-1) gene polymorphism and carcass traits in improved Nigerian indigenous Chickens. *Nigerian Journal of Biotechnology* 33:125-130.

22^{fr}. Agbalaya, K.K., **Adenaike, A.S.**, Wheto, M., Olurode, S.A., Smith, O.F., Talabi, A.O. and Ikeobi, C.O.N. (2018). Single nucleotide polymorphisms in two *TLR* genes and their effects on trypanosomosis traits in Muturu and White Fulani cattle challenged with *Trypanosoma vivax* in Nigeria. *Bulletin of Animal Health and Production in Africa*, 66(1): 111-118. African Union Inter-African Bureau for Animal Resources (IBAR) Publication, **Kenya**. ISSN0378-9721.

23^{fr}. **Adenaike, A.S.**, Peters, S.O., Adeleke, M.A., Fafiolu, A.O., Takeet, M.I. and C.O.N. Ikeobi (2018). Use of discriminant analysis for the evaluation of coccidiosis resistance parameters in chickens raised in hot humid tropical environment. *Tropical Animal Health and Production* 50:1161-1166. Published by Springer in **Britain**. (DOI: 10.1007/s11250-018-1547-1).

vi) Edited Conference Proceedings

24. Adenaike, A.S. and Bemji, M.N. (2011): Effects of environmental factors on birth and weaning weights of west Dwarf goats under intensive management system. **Proceedings of the 36th Annual Conference of Nigerian Society for Animal Production held at Merit House/Raw material Research and Development council, Abuja, Nigeria. 642-644.**

25. Akinfenwa, M.O., Peters, S.O., **Adenaike, A.S.**, Obetoh, J.O. and C.O.N. Ikeobi. (2011): Bioinformatics analyses of Insulin-like growth factor1 (IGF-1) in five mammalian species. **Proceedings of the 16th Annual Conference of Animal Science Association of Nigeria held at Kogi State University Anyigba, Kogi state, Nigeria. 19-21.**

26. Obetoh, J.O., Akinfenwa, M.O., Sunday, S.O., **Adenaike, A.S.** and Ikeobi, C.O.N. (2011): Comparative analyses and structural modeling of sequences of Insulin-like growth factor 1 (IGF-1) in four poultry species. **Proceedings of the 16th Annual Conference of Animal Science Association of Nigeria held at Kogi State University Anyigba, Kogi state, Nigeria. 45-48.**

27. Adenaike, A.S., Peters, S.O., Wheto, M., Adeleke, M. A. and Ikeobi, C.O.N. (2011). Allelic variation and it's Effect on Alpha 1 *Casein* Gene in Goat Milk. **Proceedings of the 16th Annual Conference of the Animal Science Association of Nigeria held at Kogi State University Anyigba, Kogi state, Nigeria. 2-4.**

28. Adenuga, O.A., **Adenaike, A.S.**, Wheto, M., Amusan, S.A., Durosaro, S.O., Adenaike, O.D., Peters, S.O. and Ikeobi, C.O.N. (2012). Sequence analysis of Major Histocompatibility complex class II DRB I and II genes in domestic animals. **Proceedings of the 17th Annual Conference of Animal Science Association of Nigeria. 41-43.**

29. Adenaike, A.S., Adenuga, O.A., Durosaro, S.O, Adenaike, O.D., Peters, S.O. and Ikeobi, C.O.N. (2012). Identification and Analysis of Single Nucleotide Polymorphisms and Insertions/Deletions in Expressed Sequence Tag of Chicken *Zyxin* and *TNFRSF1A* genes.

Proceedings of the 17th Annual Conference of Animal Science Association of Nigeria. 44-47.

30. Wheto, M., Adebambo, O.A., Peters, S.O., Durosaro, S.O., **Adenaike, A.S.**, Amusan, A.S., Lawal, R.A. and Ikeobi, C.O.N. (2012). Effect of genotype and sex on the carcass characteristics of improved local chicken for meat production. **Proceedings of 36th Annual Conference of Genetics Society of Nigeria held at University of Calabar, Calabar, Cross-Rivers state, Nigeria. 10-13.**

31. Durosaro, S.O., Adejumo, S.A., Ilori, B.M., **Adenaike, A.S.**, Wheto, M., Amusan, S.A. and Ozoje, M.O. (2012). Effects of genotype and plumage colour on heat tolerance among turkeys in the first 20 weeks of life. **Proceedings of 36th Annual Conference of Genetics Society of Nigeria held at University of Calabar, Calabar, Cross-Rivers state, Nigeria. 21-24.**

32*. Wheto, M. Adeleke, M.A., Adebambo, A.O., Durosaro, S.O., Sanda, A.J., **Adenaike, A.S.**, Ikeobi, C.O.N. and Adebambo, O.A. (2015). Growth hormone gene polymorphism and its effect on carcass traits of normal feathered indigenous chicken. **Proceedings of Nigeria International poultry summit held at University of Ilorin, Ilorin, Kwara State, Nigeria. 10-14.**

33*. **Adenaike, A.S.**, Ojerinde, T.E., Agbalaya, K.K. and Ikeobi C.O.N. (2015). Polymorphism of *Tumour necrotic factor receptor super family 1 A* gene in Nigerian indigenous naked neck chickens. **Proceedings of the 20th Annual Conference of Animal Science Association of Nigeria (4th ASAN-NIAS JAM) held at University of Ibadan, Ibadan, Oyo state, Nigeria 6-9.**

34*. Ogunfuye, B.A., Ikeobi, C.O.N., Smith, O.F., Adeleke, M.A., Adebambo, A.O., Wheto, M., Ogunlakin, D.O., Mohammed A.A., Decampos J.S. and **Adenaike, A.S.** (2016). Evaluation of serum protein polymorphisms in West Africa Dwarf and Red Sokoto goats in South-West, Nigeria. **Proceedings of the 41st Annual Conference of Nigerian Society for Animal Production (NJAP), held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. 818-820.**

35*. Irivboje, Y.I., **Adenaike, A.S.**, Peters, S.O., Fafiolu, A.O. and Ikeobi, C.O.N. (2016). Comparative analysis of Interferon Alpha gene in Sokoto Gudali and White Fulani cattle breeds in Nigeria. **Proceedings of the 41st Annual Conference of Nigerian Society for Animal Production (NJAP), held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. 18-21.**

^f Foreign journal articles and conference proceedings

*Journal articles and conference proceedings added after upgrading to the post of Lecturer II in 2014

(10) Major Conferences Attended With papers and Posters Presented

1) Nigerian Society for Animal Production. Annual Conference. Federal University of Agriculture, Abeokuta, Ogun State, March 20th-24th, 2016.

2) World's Poultry Science Association, Nigeria Branch. 4th Nigeria International Poultry Summit, Federal University of Agriculture, Abeokuta. Ogun State. February 17th -21st, 2013.

3) Animal Science Association of Nigeria. Annual Conference. Kogi State University, Anyigba, Kogi State. September 12th-15th, 2011.

Adenaike, A.S., S.O. Sunday, M. Wheto, M.A. Adeleke and C.O.N. Ikeobi (2011). Allelic variation and its effect on Alpha 1 casein gene in goat milk. Proceedings of the 16th Annual Conference of Animal Science Association of Nigeria (ASAN), A.O. Aduku, T. Oluwagbemi and S.O. Aribido (Eds.) 2-4. Published by ASAN.

(11) Information on fellowship, master's projects and Ph.D thesis supervised

| S/N | Student Name/ Matric. No. /Degree | Title of Project | Year of commence ment | Remark |
|-----|---|--|-----------------------------|---------------------------|
| 1 | Ajinwo, C.E. PG13/0659 M. Agric. | Restriction fragment length polymorphism of <i>HSP70</i> gene in locally adapted cattle breeds of Nigeria | 2014 | Co-Supervisor (Ongoing) |
| 2 | Olaniyi, E.O. PG13/0610 M. Agric. | Genotype by environment interaction in Nigerian indigenous chickens | 2014 | Co-Supervisor (Ongoing) |
| 3 | Ogunwa, B.E. PG13/0288 M. Agric. | Genetic variation in the <i>Leptin</i> gene in three Nigerian cattle breed | 2014 | Co-Supervisor (Completed) |
| 4 | Akpan, U. PG09/0005 P.hD. | Molecular characterization of class II MHC alleles in Nigerian local chickens and its association with immune response. | 2015 | Co-Supervisor (Ongoing) |
| 5 | Bello-ibiyemi, A.A. PG14/0697 M. Agric. | Expression of <i>BLB2</i> gene in Nigerian indigenous chickens | 2015 | Co-Supervisor (Completed) |
| 6 | Alabi, J.O. PG15/0159 M. Agric. | Estimation of Genetic parameters for growth performance and egg production traits in Nigerian indigenous chickens selected for antibody titres | 2016 | Co-Supervisor (Ongoing) |

(12) EXTRA CURRICULAR ACTIVITIES

Football and Reading

(13) REFEREES

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