

RESUME



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Area of Specialization Animal Biotechnology and Genomics

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Sex Male

Place of birth Lagos State

Date of birth 22nd April, 1979

State of origin Ogun State

Local Government Area Ijebu North-East, Ilugun-Alaro

Nationality Nigerian

Professional Qualifications /Associations

2008 Proficiency Certificate in Management

2008 Nigerian Institute of Management (Chartered) (MNIM)

2014 Animal Science Association of Nigeria (ASAN)

2015 Farm Management Association of Nigeria (FAMAN)

Qualifications

- 2017** Agricultural Society of Nigeria (ASN)
2017 Genetics Society of Nigeria (GSN)
2018. PhD. Federal University of Agriculture Abeokuta, Nigeria.
Animal Biotechnology and Genomics (Distinction)
2011. M. Agric. Federal University of Agriculture, Nigeria.
Animal Breeding and Molecular genetics (PhD grade; 66.57)
2007. B. Agric. University of Agriculture, Abeokuta. Nigeria.
Animal Breeding and Genetics, Second Class (Hons) Upper Division.
2002. National Certificate in Education (N.C.E) Federal College of Education, Abeokuta. Nigeria. **Agric. Edu. (Upper Class Division)**

Academic Experience

- Assistant Lecturer.** Federal University Dutse, Nigeria. 2013-2015
Lecturer II. Federal University Dutse, Nigeria. 2015-2017
PhD Research Fellow, Tamil Nadu Veterinary and Animal Sciences University, Chennai India 2016-2017
Lecturer I. Federal University Dutse, Jigawa State. 2017-Till date

Schedule of work

- Teaching of undergraduate courses:
 - a) Agricultural biochemistry
 - b) Principles of animal production
 - c) Agricultural biotechnology
 - d) Animal Biotechnology
 - e) Fundamentals of animal breeding and genetics
 - f) Introduction to Agriculture
 - g) Animal experimentation.
 - h) Animal husbandry and farm management
 - i) Animal hygiene and health management
 - j) Applied animal breeding and genetics
 - k) Meat products and bye products
 - l) Principles of Goat and sheep production
- Purification of genomic DNA in Nigerian sheep and goat.

- Molecular-based diagnosis and screening of sub-clinical *Trypanosoma vivax* and its effects on physiological and heamatological indices of Nigerian sheep
- Research in animal breeding and molecular genetics/genomics
- Molecular-based study of polymorphism of heat shock protein genes in Nigerian and Indian cattle breeds
- PAGE-SSCP in Nigerian and Indian cattle
- PCR-SSCP in Nigerian and Indian cattle
- mRNA expression studies of *HSPs* genes in Nigerian and Indian cattle
- Real time PCR
- Polymorphism of *HSPs* genes and thermo-tolerance of tropical Bovine species
- Polymorphism of *HSPs* genes and thermo-tolerance of tropical Caprine and Ovine species

Workshop/Conferences

- Workshop on Techniques for Functional Proteomic Analyses of Indigenous and Crossbred Nigerian Chickens held University of Agriculture Abeokuta, Ogun State, Nigeria. **June 7 – 9, 2009**
- Workshop on Molecular genetics, Bioinformatics and Statistical Genetics, held at Redeemer University, Ogun State, Nigeria. **2009**
- Animal Science Association of Nigeria-Nigeria Institute of Animal Science (ASAN-NIAS) 2nd Conference held at University of Ibadan. Value Addition in the Nigerian Livestock Industry: “A Strategy for Economic Growth and Stakeholders Empowerment”, Oyo state, Nigeria. **2015**
- 49th Annual Conference of the Agricultural Society of Nigeria (ASN) held at Delta State University, Asaba campus, Delta State. **2015**
- 29th Annual Conference of Farm Management Association of Nigeria (FAMAN) held at Federal University Dutse, Jigawa State, Nigeria. **2015**

- 41st Conference of Nigerian Society for Animal Production (NSAP) held at Federal University of Agriculture Abeokuta, Ogun State, Nigeria. **2016**
- 49th Annual Conference of the Agricultural Society of Nigeria (ASN) held at Delta State University, Asaba campus, Delta State. **2015**
- 51st Annual Conference of the Agricultural Society of Nigeria (ASN) held at Agricultural Research Council of Nigeria, Federal capital territory, Abuja, Nigeria. **2017**
- 44th Annual Conference of Nigerian Society of Animal Production (NSAP) held at University of Abuja, Federal capital territory, Abuja Nigeria. **2019**

Membership of Committees and Community Services

- Member Federal University Dutse Central Accreditation Sub-committee on transport and security. **2015**
- 500 Level coordinator, Department of Animal Science. **2019**
- Member Local Organising Committee / Chairman Sub-committee on Protocols and logistics of Neuro-Science Association of Nigeria conference, Federal University Dutse. **2018**
- Independent National Electoral Commission Adhoc staff Presidential Election Collation Officer, 2019 General Election, Briniwa, Jigawa State. **2019**

Membership of Editorial board of Peer -Review and Scholarly Journal

- Academic Editor, Asian Journal of Biotechnology and Bioresource Technology
- Peer-Reviewer, British Microbiology Research Journal
- Peer-Reviewer, International Journal of Biochemistry Research and Review

Fellowship/Awards/Honors

- Federal government of Nigeria award for best student in Agricultural Education in Nigerian Colleges of Education. **2002.**

- Ogun State, government of Nigeria award for best student in Animal breeding and genetics. **2004**
- Award of Excellence for Nigerian academics in research and publication category. **2015**
- Nigerian government TETFUND/PhD Fellowship. **2016**
- INSA-JRD TATA Fellowship (Indian Science Academy fellowship). **2016**
- NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) Fellowship. **2017**

Publications in Learned Journals

1. Agaviezor, B. O., Adefenwa, M. A., Peters, S. O., Yakubu, A., Adebambo, O. A., Ozoje, M. O., Ikeobi, C. O. N., Ilori, B. M., Wheto, M., Ajayi, O. O., Amusan, S. A., Ekundayo, J. O., Okpeku, M., **Onasanya, G. O.**, De Donato, M. and Imumorin, I.G. (2012). **Morphological and molecular genetic diversity of Nigerian sheep.** *Journal of Animal Science and Biotechnology*, 3:38. <http://dx.doi.org/10.1186/2049-1891-3-38>
2. Sanni, T. M., **Onasanya, G. O.**, Wheto, M., Adefenwa, M. A., Yakubu Abdulmojeed, Ikeobi, C. O. N., Adebambo, O. A., Talabi, A. O., Ozoje, M. O., Peters, S. O. and Imumorin, I. G. (2013). **Molecular diagnosis of sub-clinical African *Trypanosoma vivax* infection and association with physiological indices and serum metabolites in extensively managed Goats in the tropics.** *Open Journal of Veterinary Medicine*, 3: 39-45. <https://doi.org/10.4236/ojvm.2013.31007>
3. **Onasanya, G. O.** and Ikeobi C. O. N. (2013) **Egg genotype and sire strain effect on egg physical traits in crosses between Nigerian indigenous strains of layer chickens.** *Standard Research Journal of Agricultural Science*, 1: 9-12.
4. **Onasanya, G. O** and Ikeobi, C. O. N. (2013) **Egg physical traits, performance, fertility and hatchability in exotic and Nigerian indigenous chickens.** *Standard Research Journal of Agricultural Sciences*, 1: 1-8.
5. Abdulmojeed, Yakubu, Adebawale E. Salako, Marcos De Donato, Michael I. Takeet, Sunday O. Peters, Mufliat A. Adefenwa, Okpeku, Mathew Wheto, Brilliant O. Agaviezor, Timothy M. Sanni, Oyeyemi O Ajayi, **Gbolabo O. Onasanya**, Oludotun J. Ekundayo, Babatunde M. Ilori, Samuel A. Amusan, and Ikhide G. Imumorin (2013). **Genetic Diversity in Exon 2 of**

the Major Histocompatibility Complex Class II DQB1 Locus in Nigerian Goats.
Biochemical Genetics, DOI10.1007/s10528-013-9620-y

6. **Onasanya, G. O.**, Sanni, T. M., Wheto, M., Adefenwa, M. A., Yakubu Abdulmojeed, Ikeobi, C. O. N., Adebambo, O. A., Talabi, A. O., Ozoje, M. O., Peters, S. O., Abdullahi, A. A., Omifolaji, J. K., and Imumorin, I. G. (2014) **Interrelationship studies between heat stress traits, blood and serum biochemical indices of extensively managed Nigerian Sheep.** *Journal of Agriculture and Veterinary Science*, 7(10) 43-46. <https://doi.org/10.9790/2380-071014346>
7. Oke, F. O., **Onasanya G. O.**, Adedire, A. O., Oduguwa, O. O., Obadire, S. O. and Osofowora, A. O. (2014). **Effect of feed probiotics on serum bio-chemistry and carcass characteristics of tropically bred exotic turkey.** *Journal of Agriculture and Veterinary Science*, 7(11): 53-59. [http://dx:doi: 10.13140/2.1.1901.4084](http://dx.doi: 10.13140/2.1.1901.4084)
8. Oke, F. O., Fafiolu, A. A., Jegede, A. V., **Onasanya, G. O.**, Osofowora, A. O., Rotimi A. Olorunisola, R. A., Adedire, A. O. and Oduguwa, O. O. (2015). **Comparative Effect of Some Proprietary Vitamins and Trace Mineral Mixtures on the Performance and Egg Quality of Laying Hens.** *Journal of Agriculture and Veterinary Science*, 8 (1): 83-8. <http://dx:doi: 10.9790/2380-08118387>
9. Oke, F. O., Fafiolu, A. O., Jegede, A. V., Oduguwa, O. O., Adeoye, S. A., Olorunsola, R. A, Oso, A. O., **Onasanya, G. O.**, Adedire, A. O., Muhammad, A. I. (2015). **Performance and nutrient utilization of broilers fed malted sorghum sprout (MSP) or wheat-offal based diets supplemented with yeast culture and enzyme.** *Online J. Anim. Feed Res.*, 5(3): 78-84, pii: S222877011500013-5
10. **Onasanya, G. O.**, Oke, F. O., Sanni, M. T. and Mohammad A. I. (2015). **Parameters Influencing Haematological Serum and Bio-Chemical References in Livestock Animals under Different Management Systems.** *Open Journal of Veterinary Medicine*, 5: 181-189. <dx.doi.org/10.4236/ojvm.2015.58025>
11. **Onasanya, G. O.**, Ajibade, A. T. and Ikeobi, C. O. N (2016) **Thermo-Regulatory Functions of Skin and Coat Colour Genotypes in Tropically Stressed Pure and Cross Bred Exotic Rabbit.** *Veterinary Science*. 2(5): 219-225.
12. **Onasanya G. O.**, Ayotunde A. S., Sanni T. M., Wheto M., Ikeobi C. O. N., Decampos, J. S. and Oni, Abiodun (2017) **Implications of Breed, Sexual Dimorphism and Age on Aspartate Aminotransferase (AST) levels in the Blood Serum of Sheep managed under**

- Traditional Extensive System.** *J. Dairy Vet. Anim. Res.* 5(5): 00153. DOI: 10.15406/jdvar.2017.05.00153
13. **Onasanya G. O.,** Ikeobi C. O. N., Amusan S. A. (2017) **Effect Of Genotype On Growth and Morphometric Traits of Tropically Adapted Pure and Cross Bred Exotic Rabbit.** *Nigerian Journal of Agriculture, Food and Environment*, 13(2):10-17
 14. Iyase, N., Adeleye , A. O., **Onasanya , G. O.** and Ijanu , E. M (2017). **Prevalence of Parasitic Helminths isolated from Exotic Broiler Chickens in Gwagwalada Area Council of Abuja, North Central Nigeria.** *Nigerian Journal of Agriculture, Food and Environment.* 13(2):56-60
 15. **Gbolabo O. Onasanya,** Christian O. N. Ikeobi, Amusan S. Ayotunde, Florence O. Oke, Rotimi A. Olorunisola, John S. Decampos (2017). **Thermo-Regulatory Functions of Heat Shock Protein Genes in Some Selected Tropically Stressed Livestock Animals.** *International Journal of Applied Research and Technology*, 6(8): 37 – 43.
 16. Muyideen Timothy Sanni, Moses Okpeku, **Gbolabo Olaitan Onasanya,** Matthew Adekunle Adeleke , Mathew Wheto , Adeyemi Sunday Adenaike , Bamidele Omonuwa Oluwatosin, Oluwafunmilayo Ayoka Adebambo, Christian Obiora Ndubuisi Ikeobi (2018) **Genetic Morphometry in Nigerian and South African Kalahari Red goat breeds.** *Agricultura Tropica et Subtropica*, 51(2): 51–61. DOI: 10.1515/ats-2018-0006
 17. **Gbolabo O. Onasanya,** Christian O.N. Ikeobi and Samuel A. Amusan (2018). **Morphostructural Profiling of Comb Types and Plumage Pigmentation and Their Influences on Ecometric Traits of Extensively-Managed Nigerian Indigenous Chickens.** *Nig. J. Anim. Sci. Tech.* 1 (2):10 – 17
 18. **Gbolabo O. Onasanya,** Muyideen T. Sanni, Ayotunde S. Amusan, John S. Decampos, Adewale O. Talabi, Michael O. Ozoje, Joshua Babalola Balogun, Mathew Wheto, Abdulmojeed Yakubu, Christian O. N. Ikeobi (2018) **Molecular-based detection of sub-clinical African Trypanosoma vivax infection and its association with some selected serum biochemical references and blood electrolytes in four traditionally bred Nigerian native Sheep.** *Nig. J. Anim. Sci. Tech.* 1 (3):1 – 10
 19. **Onasanya, G. O.,** Thiruvankadan, A. K., Sreekumar, C., Tirumurugaan, K. G., Sanni, M. T., Olowofeso, O., Fafiolu, A. O., Msalya G. M., Decampos J. S., Ikeobi, C. O. N. (2018). **Comparative homology HSP 70 gene in four Nigerian Bos Indicus breeds revealed**

common evolution and ancestral lineage. *Journal of Agriculture, Food Security and Sustainable Environment.* 2: 79-90.

Articles in conferences and proceedings

1. **Onasanya, G.O.**, Adefenwa, M.A., Agaviezor, B.O., Ikeobi, C.O.N., Wheto, M., Okpeku, M., Yakubu, A., Takeet, M.I., De Donato, M. and Imumorin, I.G. (2011). **Molecular identification of Trypanosoma vivax infection and physiological indices in Nigerian sheep.** *Proceedings of Joint ADSA-ASAS Annual Meeting, New Orleans, LA. July 10 – 14, 2011.*
2. Brilliant O. Agaviezor, Sunday O. Peters, Folasade O. Ajayi, Hollingsheed H. Gunn, Muflit A. Adefenwa, Abdulmojeed Yakubu, Olufunmilayo A. Adebambo, Michael O. Ozoje, Christian O. N. Ikeobi, Matthew Wheto, Oyeyemi O. Ajayi, Samuel A. Amusan, Joel O. Ekundayo, Muyideen T. Sanni, Moses Okpeku, **Gbolabo O. Onasanya**, Marcos De Donato, Babatunde M. Ilori, Kadir Kizilkaya and Ikhide G. Imumorin (2012). **Gene flow between Nigerian sheep breeds as revealed by micro satellite DNA markers.** *Proceedings of 36th Annual Conference Genetics. October, 15th -18th, 2012, University of Calabar, Nigeria.*
3. Wheto, M., Sanni, T., **Onasanya, G.O.**, Adefenwa, M.A., Agaviezor, B.O., Ikeobi, C.O.N., Okpeku, M., Yakubu, A., Peters, S.O., Ekundayo, J.O., Ozoje, M.O., De Donato, M and Imumorin, I.G. (2012). **Identification of single nucleotide polymorphisms in TLR1, TLR2, TLR3 and TLR5 genes in Nigerian goats.** *Proceedings of 20th International Conference on Plant and Animal Genomes, San Diego, CA. January 14 -18. 2012.*
4. Yakubu, A., De Donato, M., Peters, S.O., Okpeku, M., Wheto, M., Agaviezor, B.O., Amusan, S.A., Ilori, B.M., Ajayi, O.O., **Onasanya, G.O.**, Sanni, T., Adefenwa, M.A., Ikeobi, C.O.N.,

- Takeet, M.I., Salako, A.E., and Imumorin, I.G. (2012). **Molecular genetic diversity at the MHC-DQB1 locus in Nigerian indigenous goats.** *Proceedings of 20th International Conference on Plant and Animal Genomes*, San Diego, CA. January 14 - 18. 2012.
5. Yakubu, A., Okpeku, M., Wheto, M., Amusan, S., Ilori, B.M., Ajayi, O.O., **Onasanya, G.O.**, Adefenwa, M.A., Agaviezor, B.O., Ikeobi, C.O.N., Takeet, M.I., De Donato, M. and Imumorin, I.G. (2011). **Multivariate characterization of morphological traits in Nigerian sheep.** *Proceedings of Joint ADSA-ASAS Annual Meeting*, New Orleans, LA. July 10 – 14, 2011.
6. **Onasanya, G. O.**, Ikeobi, C. O. N. and Sokunbi, B. O. (2015). **Implications of Breed, Sexual Dimorphism and Age on Serum Total Protein levels in the Blood Serum of Tropically managed Sheep.** *Proceedings of the 49th Annual Conference of the Agricultural Society of Nigeria, 9th -13th, 2015, Delta State University, Asaba campus, Delta State, Nigeria.* 49: 880-883.
7. **Onasanya, G. O.**, Ikeobi, C. O. N., Oke, F. O. and Olorunisola, R. A. (2015) **Egg Genotype Influence on External Egg Morphometric Traits of Pure and Cross Bred Layer Chickens Pedigreed along Sire Lines.** *Proceedings of the 29th Annual conference of farm Management Association of Nigeria. Nov., 23rd-26th, 2015, Federal University Dutse, Jigawa State, Nigeria.* 29: 456- 462. DOI: 10.13140/RG.2.1.3635.8480
8. Sanni, M. T., Okpeku, M., **Onasanya G. O.**, Oluwatosin, B. O., Ikeobi, C.O.N. and Adebambo O. A. (2016) **Comparative Genomics of Growth-Associated *MSTN* Gene Exons 1 and 3 Among Nigerian goat Breeds and selected animal Species.** *Proceedings of 41st Nigerian Society for Animal. Production. 20th-24th, March, 2016, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.* 41: 3-6.
9. **Gbolabo O. Onasanya**, John S. De Campos, Oyinkansola T. Anwo, Christian O. N. Ikeobi, Amusan S. Ayotunde (2017). **Impact of Coat Colour Genes and Coat types on zoometric Traits of African Dwarf Sheep bred under Traditional Extensive System.** *Proceedings of 51st Annual Conference of Agricultural Science Society of Nigeria. 23rd-27th, October, 2017, Agricultural Research Council of Nigeria, Abuja, Nigeria.* 641-647.
10. **Gbolabo O. Onasanya**, Aranganoor K. Thiruvankadan, Chirukandoth Sreekumar, Gopalan K. Tirumurugaan, George M. Msalya, Sanni M. Timothy, Moses Okpeku, Mojeed Yakubu, Olajide Olowofeso, Adeboye. O. Fafiolu, Christian Obiora Ndubuisi Ikeobi (2019). **Evolutionary study of *HSP 90AA1* gene among Nigerian zebu breeds of cattle revealed shared ancestry.**

*Proceedings of 44th Annual Conference of Nigerian Society of Animal Production-Abuja 2019,
University of Abuja, Federal Capital Territory, Abuja, Nigeria. 158-163.*

Referees

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