

UNIVERSITY OF IBADAN
OLAOGUN SUNDAY CHARLES
CURRICULUM VITAE

- I.
 - (a) Name in Full: Sunday Charles Olaogun
 - (b) Date of Birth: 7 December, 1978
 - (c) Department: Veterinary Medicine
 - (d) Faculty: Veterinary Medicine

- II.
 - (a) First Academic Appointment: Lecturer II (07 December, 2012)
 - (b) Present post (with date): Reader (01 October, 2023)
 - (c) Date of Last promotion: 01 October, 2023
 - (d) Date last considered for promotion (in cases where Promotion was not through): Not Applicable

- III. University Education (with dates):
 - (a) University of Ibadan, Ibadan September, 1997 to May, 2004
 - (b) University of Ibadan, Ibadan September, 2009 to June, 2011
 - (c) University of Pretoria, Pretoria January, 2019 to April, 2023

- IV. Academics Qualifications (with dates and granting bodies):
 - (a) Doctor of Veterinary Medicine (DVM) Degree
 University of Ibadan 2004
 - (b) MVSc Veterinary Medicine (Ruminant/Food Animal Medicine) Degree
 University of Ibadan 2011
 - (c) PhD Veterinary Science (Production Animal Studies) Degree
 University of Pretoria 2023

- V. Professional Qualifications and Diplomas (with dates):
 - (a) Registered Veterinary Surgeon (VCN Reg. No 3957) 2004
 - (b) Fellow of the College of Veterinary Surgeons (FCVSN) 2016

- VI. Scholarships, Fellowship and Prizes (with dates) in respect of Undergraduate and Postgraduate studies only
 - (a) Tetfunds (AST& D) grant 2018
 - (b) Netherlands Fellowship Award 2018
 - (c) International Vaccine Institute Vaccinology Fellowship Award 2021

VII. Honors, Distinction and Membership of Learned Societies:

(a) Member, Nigerian Veterinary Medical Association (NVMA)	2004
(b) Fellow, College of Veterinary Surgeons of Nigeria (FCVSN)	2016
(c) Certificate of Excellence in peer-reviewing, Global Press Hub (Bionature)	2018
(d) Member, International Goat Association (IGA)	2019
(e) Member, Wildlife Disease Association (WDA)	2019
(f) Certificate of Reviewing (9 th ASAN-NIAS Joint Annual meeting and 25 th annual ASAN conference)	2020
(g) Member, Parasitological Society of South Africa (PARSA 244)	2021
(h) Member, Southern African Society for Veterinary Epidemiology and Preventive Medicine (SASVEPM)	2021
(i) Certificate of Reviewing (Veterinary World/eJManager management services)	2021

VIII. Details of Teaching/Work Experience:

(a) Teaching appointment held (with dates)

Lecturer, Department of Veterinary Medicine, University of Ibadan (07 December, 2012 - date).

(b) Clinical Services to the Veterinary Teaching Hospital

(i) Registrar (August 2017 to October 2021).

(ii) Consultant (October 2021 to Date).

Courses taught undergraduate

I have jointly taught the following courses with other lecturers from 2012/2013 Session till date.

Course code	Course description	Unit
VMA I	Animal Management and Husbandry	NA
VMA	Field practice in Animal Husbandry	NA
VMA II	Animal Management and Husbandry	NA
VMD I	General Medicine	NA
VMD 517	Introduction to Animal Health and Hygiene	2
VMD IV	Ruminant Medicine	NA
Clinics	Medicine Clinic I	NA
Clinics	Medicine Clinic II	NA
VMD 633	Seminar presentation	NA

NA: Not Applicable

Courses taught postgraduate

I have jointly taught the following courses with other lecturers from 2024/2025 Session till date.

Course code	Course description	Unit
VMD 711	Advanced Diagnostic Medicine I	3
VMD 712	Advanced Clinical Practice and Case Reporting	4
VMD 713	Advanced Clinical Medicine I	3
VMD 716	Advanced Clinical Medicine IV (Dermatology)	4
VMD 720	Diseases of Wild Animals and Birds	3
VMD 721	Advanced Diagnostic Medicine II	3
VMD 723	Advanced Clinical Medicine II	3
VMD 727	Seminar	2
VMD 728	Project	6

(b) Undergraduate Supervision

- (i) I have supervised 11 undergraduate students

(c) Postgraduate Student Project Supervision

- (i) Supervised 2 MVSc, supervising 2MVSc and supervising 1 PhD

(e) Administrative Experience:

- (i) Member, Field-trip Committee of the Faculty of Veterinary Medicine.2014 -2025
- (ii) Member, Department of Veterinary Medicine Ceremonial Committee. 2014 till Date
- (iii) Member, Faculty of Veterinary Medicine Animals Committee. 2015- 2025
- (iv) Member, Faculty of Veterinary Medicine Ceremonial Committee. 2015- 2025
- (v) Member, Department of Veterinary Medicine Finance Committee 2016 till Date
- (vi) Member, LOC, Veterinary Council of Nigeria Seminar 2022 Oct 2022
- (vii) Chairman, Veterinary Field Station, Eruwa 2022- 2026
- (viii) Member, University of Ibadan Estate and Property Development Board 2022-2026
- (ix) Member, Congregation Representative of University of Ibadan Senate 2024 till date.

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| (x) | Assistant Warden, Abdulsalami Abubakar postgraduate Hall, UI | 2025 till |
| | date | |
| (xi) | Representative of Senate on the Business Committee | 2025 till |
| | date | |
| (xii) | Departmental Representative Faculty Board of Studies | 2025 till |
| | date | |
| (xiii) | Departmental Representative Ad-Hoc Committee on RESDEV | 2025 till |
| | date | |

IX Research

(a) Completed:

- (i) Epidemiology and pathobiology of diseases of ruminant animals and horses. (Publication Numbers 2, 3, 7, 13, 15, 16, 28, 45, 50, 53, 57, 58, 59, 61, and 72).
- (ii) Genomics sequencing and analysis of mitochondrial DNA of some African domestic and wild animals. (Publication Numbers 9, 10, 12, 24, 32, 34, 35, 36, 40, 47, and 69).
- (iii) Genomics sequencing and analysis of some viral diseases of African domestic animals (Publication Numbers 41, 44, 46, and 52).
- (iv) Studies on major endemic bacterial diseases and antimicrobial resistance dynamics in local herds of cattle and small ruminant flocks. (Publication Numbers 14, 42, 63, and 66).
- (v) Case reports on incidence and management of some diseases of livestock. (Publication Numbers 11, 20, 21, 22, 23, 37, 67, and 68).

(b) In progress:

Knowledge, Attitude, and Practices of Livestock Stakeholders Regarding Bovine Leptospirosis in Ibadan, Oyo State, Nigeria.

Bovine leptospirosis, caused by *Leptospira spp.*, is a major cause of reproductive failure and economic loss in cattle globally, including in Nigeria. Given its zoonotic potential, understanding human-animal interface risk is critical. This study aimed to assess the knowledge, attitudes, and practices (KAP) of livestock stakeholders (e.g., farmers, handlers, veterinarians) regarding bovine leptospirosis in Ibadan, Oyo state, Nigeria. A cross-sectional study design was employed. A total of 150 livestock stakeholders were randomly selected from 10 cattle farms in Ibadan. Data was collected using a structured, pre-tested questionnaire comprising sections on demographic information, 7 awareness questions, 6 attitude statements, and 12 practice questions. The significance of the findings of the study will be extensively discussed and published in a reputable journal outlet. This study started in 2024. (This study is 90% completed).

Prevalent bacterial pathogens in bovine mastitis and their antimicrobial susceptibility pattern in Nigerian breeds of cattle.

Bovine mastitis is an economically important disease associated with inflammatory conditions of the mammary gland, and it remains the most persistent and devastating disease affecting dairy cattle globally.

Epidemiological data on the pattern of occurrence of mastitis among Nigerian cattle, as well as the establishment or profiling of bacterial pathogens involved, viz-a-viz the sensitivity pattern of the isolated organisms to commonly used veterinary antimicrobial agents, are needed to continuously monitor the prevalent bacterial species and their current antimicrobial susceptibility profiles.

The study, therefore, investigates the pattern of occurrence of mastitis in cattle, isolate and characterise common bacterial pathogens and their sensitivity to commonly used veterinary antimicrobial drugs. The significance of the findings of the study will be extensively discussed and published in a reputable journal outlet. This study started in 2025.

(This study is 90% completed).

Rhinitis on a Pig farm in Umuahia, Nigeria: a case report.

Rhinitis is an inflammation of the nasal mucosa, characterized clinically by sneezing, wheezing, and stertor or a nasal discharge that may be serious, mucoid, or purulent in consistency. The present report is a case of rhinitis in pigs with characteristics clinical details. Some pigs in a herd of about 4 months of aged pigs were observed to be sneezing and wheezing. Some of the pigs showed twisted or bent snouts with varied levels of lacrimation. The rectal temperatures of all the pigs were normal. Microbial analysis of the nasal swab was positive for *Staphylococcus* organisms. Rhinitis was confirmed from the pathognomonic clinical signs. Antibiotics therapy was instituted, while the piggery was fumigated; biosecurity measures and ventilation were improved upon. The prognosis was good.

This study started in 2026. (This study is 90% completed).

Project, Dissertation, and Thesis:

- (i) Prevalent Helminth Parasites of Bos indicus Breeds of cattle in Bodija Abattoir, Ibadan. A Doctor of Veterinary Medicine Project submitted to the Faculty of Veterinary Medicine, University of Ibadan, 2004.77 pp.
- (ii) Correlation between Blood Glucose Levels and the Helminthosis in Nigerian Breeds of Cattle. An M.V.Sc Project submitted to the Faculty of Veterinary Medicine, University of Ibadan, 2011. 52pp.
- (iii) Knowledge, Practices and Epidemiology of Bovine Fasciolosis in Smallholder farming areas of Northwest Province South Africa. A PhD Thesis submitted to the Faculty of Veterinary Medicine, University of Pretoria. 2023. 225pp.
- (iv) Clinical, Hematology and Serum Biochemistry Profile of Natural Dermatophilosis in Breeds of cattle in Nigeria. A Thesis submitted to the College of Veterinary Surgeons Nigeria, 2016.70pp

X. **Publications:**

(a) Book already published: Nil

(b) Chapters in books already published: Nil

(c) Articles that have already appeared in Refereed Conference Proceedings:

- *1. Lasisi, O.T. and **Olaogun, S.C.** (2012). Peste de Petit Ruminants in Oyo State: Current Epidemiology and Clinical Features. 49th Nigeria Veterinary Medical Association (NVMA) held at Ado-Ekiti, 5 - 9 November, 2012 98-99pp. (Nigeria) (Contribution: 50%).

(d) Patents and Copyrights: Nil

(e) Articles that have already appeared in learned Journals:

- *2. **Olaogun, S.C** and Lasisi, O.T. (2015). Bovine Helminthosis: Blood glucose levels and Age influence on Susceptibility in Some Nigerian breeds of cattle. Journal of Veterinary Advances Vol. 5. No. 7: 1029-1035. (Iran) (Contribution: 50%).
- *3. Adejumobi, O. A., Omobowale, O. C., **Olaogun, S. C.**, Omobowale, T. O. and Nottidge, H. O. (2016). Perception of Rabies among Residents of Selected Local Government Areas of Oyo State, Nigeria. Journal of Veterinary Advances Vol. 6. No. 5: 1242-1250. (Iran) (Contribution: 30%).
- *4. Abiola, J.O and **Olaogun S.C.** (2016). Livestock waste management practices in Oyo state, Nigeria. Journal of Environment and Waste Management Vol. 3. No. 2: 139-141. (United States of America) (Contribution: 50%).
- *5. Abiola, O.J., **Olaogun, S. C.**, Emedoh, O. M. and Jeremiah, O.T. (2016). A Retrospective Study of Ruminant Cases Presented Between 1996 and 2005 at the Veterinary Teaching Hospital, University of Ibadan, Ibadan, Nigeria. International Journal of Livestock Research Vol. 6. No. 7: 16-23. (India) (Contribution: 30%).
- *6. Omotosho, O.O., **Olaogun, S. C.** and Odukaye, A. O. (2016). Occurrence of Skin Abscess and Sensitivity Pattern of Associated Bacterial Organisms in Pigs on Ifelodun Farm Settlement, Ogun State, Nigeria. Alexandria Journal of Veterinary Sciences Vol. 51. No. 1: 10-16. (Egypt) (Contribution: 40%).
- *7. **Olaogun, S.C.**, Jeremiah, O.T., Jubril, A.J. and Adewuyi, O.O. (2016). Calf Diarrhea: Epidemiological Prevalence and Bacterial Load in Oyo and Ogun States, Nigeria. Alexandria Journal of Veterinary Sciences Vol. 51. No. 1: 90-96. (Egypt) (Contribution: 60%).
- *8. Gberindyer, A.F., Omotosho, O.O. and **Olaogun, S.C.** (2017). In-vitro dissolution and some physical properties of two generics of levamisole blous formulations for large animals. Indo American Journal of Pharmaceutical Research Vol. 7. No. 8: 600-603. (India) (Contribution: 30%).
- *9. Adeola, A.C., Ommeh, S.C., Song, J.J., **Olaogun, S.C.**, Sanke, O.J., Yin, T.T., Wang, G.D., Wu, S.F., Zhou, Z.Y., Lichoti, J.K. and Agwanda, B.R. (2017). A cryptic mitochondrial DNA link between North European and West African dogs. Journal of Genetics and Genomics Vol. 44. No. 3: 163-170. (China) (Contribution: 25%).

- *10. Adeola, A.C., Oluwole, O.O., Oladele, B.M., Olorunbounmi, T.O., Boladuro, B., **Olaogun, S.C.**, Nneji, L.M., Sanke, O.J., Dawuda, P.M., Omitogun, O.G. and Frantz, L. (2017). Analysis of the genetic variation in mitochondrial DNA, Y-chromosome sequences, and MC1R sheds light on the ancestry of Nigerian indigenous pigs. *Genetics Selection Evolution* Vol. 49. No. 1: 49-52. (France) (Contribution: 25%).
- *11. **Olaogun, S.C.**, Abiola, J.O. and Jeremiah, O.T. (2017). A case report of Dystocia due to shistosomus reflexus (conjoined twins) in a West African Dwarf Doe in Ibadan, Nigeria. *Tropical veterinarian* Vol. 35. No. 3: 117-122. (Nigeria) (Contribution: 70%).
- *12. Liu, Y.H., Wang, L., Xu, T., Guo, X., Li, Y., Yin, T.T., Yang, H.C., Hu, Y., Adeola, A.C., Sanke, O.J., Otecko, N.O., Wang, M., Yaping Ma, **Olaogun S. C.**, Holger, S.M., Sinding, Gopalakrishnan, S., Samaniego, J.A., Hansen, J.A., Fernandes, C., Gaubert, P., Budd, J., Dawuda, P.M., Rueness, E.K., Jiang, L., Zhai, W., Gilbert, M.T.P., Peng, M., Qi, X., Wang, G. and Zhang, Y. (2018). Whole-genome sequencing of African dogs provides insights into adaptations against tropical parasites. *Molecular Biology and Evolution* Vol. 35. No. 2: 287-298. (United Kingdom) (Contribution: 25%).
- *13. **Olaogun, S.C.** and Onwuzuruike, K.J. (2018). Incidence and biochemical parameters of dermatophilosis in Nigerian cattle breed from livestock markets, Oyo state, Nigeria. *Open veterinary journal* Vol. 8. No. 1: 35-39. (Libya) (Contribution: 80%).
- *14. **Olaogun, S.C.**, Jeremiah, O.T. and Jubril, A.J. (2018). Antibiotic sensitivity of some bacteria isolates isolated from scouring calves from some farms in Oyo and Ogun States, Nigeria. *Tropical veterinarian* Vol. 36. No. 1: 42-51. (Nigeria) (Contribution: 70%).
- *15. **Olaogun, S.C.** and Jeremiah, O.T. (2018). Clinico-haematological features of dermatophilosis in indigenous breeds of cattle in Ibadan, Nigeria. *Nigerian Veterinary Journal* Vol. 39. No. 2: 151-160. (Nigeria) (Contribution: 60%).
- *16. **Olaogun, S.C.** and Adedoji, P.A. (2018). Clinico- haematological and biochemical features of natural Babesiosis in Nigerian breeds of Cattle. *Bulletin of Animal Health and Production in Africa* Vol. 66. No. 3: 509-520. (Kenya) (Contribution: 80%).
- *17. Adedokun, R.A.M., Azeez, O.I., Adeoye A.O., **Olaogun, S.C.** and Oladavies, E.O. (2019). Toxicological studies of ethanol leaf extract of *Cassia Fistula* on haematological and biochemical parameters of Wistar albino rats. *Journal of Pharmacognosy and Phytochemistry* Vol. 8. No.2: 1407-1412. (India) (Contribution: 30%).
- *18. Abiola, J.O., **Olaogun S.C.**, Adedokun, R.A.M. and Onaro, S.K. (2019). Socio-demographic structure and constraints of Smallholder Dairy farmers in Oyo state, Nigeria. *International Journal of Livestock Research* Vol. 9. No. 7: 14-23. (India) (Contribution: 50%).
- *19. Gberindyer, A.F., **Olaogun, S.C.**, Omotosho, O.O., Adedokun, R.A.M. and Shima, F.K. (2019). Evaluation of amoxicillin content in commonly used

- multisource Injectable brands in veterinary practice. *Egyptian Journal Veterinary Sciences* Vol. 50. No. 2: 159-165. (Egypt) (Contribution: 25%).
- *20. **Olaogun, S.C.**, Olaifa A. K. and Odunkoya, D. (2019). A case report of Dystocia in a primiparous West African dwarf ewe due to relative fetal oversize associated with poor mating management practices in Ibadan, Nigeria. *Tropical veterinarian* Vol. 37. No. 3: 166-174. (Nigeria) (Contribution: 70%).
 - *21. Adedokun, R.A.M., Olaifa, A. K., Alaba, B.K. and **Olaogun, S.C.** (2020). A case report of Management of impaction colic in Donkey in Ibadan, Nigeria. *Tropical veterinarian* Vol. 38. No.1: 47-57. (Nigeria) (Contribution: 30%).
 - *22. **Olaogun, S.C.** and Adedokun R.A.M. (2020). A case report of tetanus (Lock Jaw) in a West African Dwarf Ram used for Ram Fight competition in Ibadan, Nigeria, prevention and management. Nigeria. *Tropical veterinarian* Vol. 38. No. 2: 95-101. (Nigeria) (Contribution: 80%).
 - *23. **Olaogun, S.C.** and Adedokun R.A.M. (2020). A case report of management of pasture bloat in a post-parturient West African Dwarf Ewe in Ibadan, Nigeria. *Tropical veterinarian* Vol. 38. No. 2: 102-109. (Nigeria) (Contribution: 80%).
 - *24. Ma, X.Y., Ning, T., Adeola, A.C., Li, J., Esmailizadeh, A., Lichoti, J.K., Agwanda, B.R., Isakova, J., Aldashev, A.A., Wu, S.F, Liu, H.Q., Abdulloevich, N.T., Afanasevna, M.E., Ibrohimovich, K.B., Adedokun, R.A.M., **Olaogun, S.C.**, Sanke, O.J., Godwin, F.M., Chen, X., Yang, W., Wang, Z., Peng, M., Ommeh, S.C., Li, Y. and Zhan, Y. (2020). Potential dual expansion of domesticated donkeys revealed by worldwide analysis on mitochondrial sequences. *Zoological Research* Vol. 41. No. 1: 51- 60. (China) (Contribution: 25%).
 - *25. Mijinyawa, Y., Asiru, A.A., **Olaogun, S.C.** and Adedokun, R.A.M. (2020). Development of a mobile livestock loading ramp. *IOP Conf. Series: Earth and Environmental Science* Vol. 445. No. 1: 1- 9. (United Kingdom) (Contribution: 30%).
 - *26. Olukole, S.G., Aina, O.O., Lanipekun, D.O., **Olaogun, S.C.**, Ola-Davies, O.E., Adeleke, R.A., Ogundipe, G.A.T. and Oke, B.O. (2020). In utero exposure to bisphenol A alters prostatic responses in adult male rats: Protective effects of melatonin. *The Pharmaceutical and Chemical Journal* Vol. 7. No. 2: 12-22. (USA) (Contribution: 25%).
 - *27. Olukole, S.G., Ajayi T.O., **Olaogun S.C.**, Ajibola E.S., Alamu A.O., Lanipekun D.O., Egunleti F.P. and Ola-Davies O.E. (2020). Melatonin Protects Against Cyclophosphamide-Induced Hepatic and Renal Alterations in Rats. *African Journal of Biomedical Research* Vol. 23. No. 3: 407- 413. (Nigeria) (Contribution: 25%).
 - *28. **Olaogun, S.C.** and Oyetoyinbo T.E. (2020). Lameness and its associated hematological features among Nigerian breeds of goats in Ibadan, Nigeria. *Nigerian Journal of Animal Science* Vol. 22. No. 3: 315-324. (Nigeria) (Contribution: 80%).

- *29. Olawuwo, O. S., **Olaogun, S. C.**, Azeez, O. I. and Oyewale J.O. (2020). Effects of Graded Crude Protein Diet on Haematological Indices and Body Weight of African Giant Rat (*Cricetomys gambianus*). Sahel Journal of Veterinary Sciences Vol. 17. No. 4: 8-15. (Nigeria) (Contribution: 50%).
- *30. **Olaogun, S.C.**, Ifarajimi, R.O. and Muhammad, H.A. (2020). Bovine dermatophilosis: Awareness, knowledge, Attitude and Antibiotics usage practices among cattle herders in Oyo state, Nigeria. Bangladesh Journal of Veterinary Medicine Vol. 18. No. 2: 37-46. (Bangladesh) (Contribution: 70%).
- *31. Olawuwo, O. S., Azeez O. I., **Olaogun S. C.** and Oyewale J.O. (2020). Seasonal fluctuations of Luteinizing hormones (lh), Follicle stimulating hormones (fsh) and Testosterone levels in Male African giant rats. Journal of Veterinary and Biomedical Sciences Vol. 2. No. 2: 161-170. (Nigeria) (Contribution: 40%).
- *32. Mauki, D.H., Adeola, A.C., Ng'ang'a, S.I., Tijjani, A., Akanbi, I.M., Sanke, O.J., Abdussamad, A.M., **Olaogun, S.C.**, Ibrahim, J., Dawuda, P.M., Mangbon, G.F., Gwakisa, P.S., Yin, T.T., Peng, M.S. and Zhang, Y.P. (2021). Genetic variation of Nigerian cattle inferred from maternal and paternal genetic markers. Zoological Science Vol. 9. No. 10607: 1-22. (USA) (Contribution: 25%).
- *33. Olawuwo, O. S., **Olaogun, S. C.**, Azeez, O. I. and Oyewale, J.O. (2021). Effects of graded crude protein diet on serum biochemical parameters of African giant rat (*cricetomys gambianus*) reared in Ibadan, Nigeria. African Journal of Biomedical Research Vol. 24. No. 1: 115-122. (Nigeria) (Contribution: 50%).
- *34. Shen, Q. K., Peng, M. S., Adeola, A. C., Kui, L., Duan, S., Miao, Y.W., Nada, M. E., Jacqueline, K.L., Newton, O.O., Maria, G.S., Erica, G., Alessandro, B., **Olaogun, S.C.**, Oscar J. S., Philip M. D., Agboola O. O., John, M., Peter, N., Bernard, A., Szilvia, K., Hojjat, A. N., Rana, P., Ming-Min, X., Yuan, D., Lotanna, M. N., Robert W. M., Ming-Shan, W., Ali, E., Yang, D., Sheila, C., Ommeh. and Zhang, Y. P. (2021). Genomic analyses unveil helmeted guinea fowl (*Numida meleagris*) domestication in West Africa. Genome Biology and Evolution Vol. 13. No. 6: 1-15. (United Kingdom) (Contribution: 25%).
- *35. Zeng, L., Liu H.Q., Tu, X.L., Ji, C.M., Gou, X., Esmailizadeh, A., Wang, S., Wang, M.S., Wang, M.C., Li, X.L., Charati, H., Adeola, A.C., Adedokun, R.A.M., Oladipo, O., **Olaogun, S.C.**, Sanke, O.J., Godwin, F.M., Cecily., Ommeh, S., Agwanda, B., Kasiiti Lichoti J., Han, J.L., Zheng, H.K., Wang, C.F, Zhang, Y.P., Frantz, L.A.F., Wu, D.D. (2021). Genomes reveal selective sweeps in kiang and donkey for high-altitude adaptation. Zoological Research Vol. 42. No. 4: 450-460. (China) (Contribution: 25%).
- *36. Mauki, D.H., Tijjani, A., Ma, C., Ng'ang'a, S.I., Mark, A.I., Sanke, O.J., Abdussamad, A.M., **Olaogun, S.C.**, Ibrahim, J., Dawuda, P.M., Rudovick, R.M., Paul, S.K., Gwakisa., Yinl, T., Li, Y., Peng, M., Adeola, A.C. and Zhang, Y. (2022). Genome-wide investigations reveal the population structure and selection signatures of Nigerian cattle adaptation in the sub-Saharan tropics. BMC genomics Vol. 23. No. 1: 306-320. (United Kingdom).

- *37. **Olaogun, S.C.**, Abiola, J.O., Adah, O., Adedokun, R.A.M. and Ososanya, T.O. (2022). A case report of clinico-pathological findings and management of Peste des Petis Ruminants in goats' flock after vaccination at Teaching and Research Farm, University of Ibadan, Ibadan Oyo State, Nigeria. *Alexandria Journal of Veterinary Sciences* Vol. 74. No.1: 116-124. (Egypt).
- *38. Akpan, M.O., **Olaogun, S.C.** and Rahmon, M.O. (2022). Distribution and histological features of sebaceous and sweat glands in different regions of the skin of Tree Squirrels in Ibadan, Nigeria. *European Journal of Pharmaceutical and Medical Research* Vol. 9. No.10: 1- 7. (India).
- *39. **Olaogun, S.C.**, Byaruhanga, C., Ochai, S.O., Fosgate, G.T. and Marufu, M.C. (2022). Comparison of Three Diagnostic Methods to Detect the Occurrence of Fasciola Species in Communally Grazed Cattle in the Northwest Province, South Africa. *Pathogens* Vol. 11. No.12: 1-12. (Switzerland).
- *40. Xie, H. B., Yan, C., Adeola, A. C., Wang, K., Huang, C. P., Xu, M. M., Qiu, Q., Yin, X., Fan, C., Ma, Y., Yin, T.T., Gao, Y., Deng, J.K., Okeyoyin, A.O., Oluwole, O.O., Omotosho, O., Okoro, V.M.O., Omitogun, O.G., Dawuda, P.M., **Olaogun, S.C.**, Nneji, L.M., Adeola, O. A., Sanke, O.J., Luka, P.D., Okoth, E., Lekolool, I., Mijeje, D., Bishop, R.P., Han, J., Wang, W., Peng, M.S. and Zhang, Y. (2022). African suid genomes provide insights into the local adaptation to diverse African environments. *Molecular Biology and Evolution* Vol. 39. No. 12: 1-18. (United Kingdom).
- *41. Adeola, A. C., Bello, S. F., Abdussamad, A. M., Mark, A. I., Sanke, O. J., Onoja, A. B., Nneji, L.M., Abdullahi, N., **Olaogun, S.C.**, Rogo, L.D., Mangbon, G.F., Pedro, S.L., Hiinan, M.P., Mukhtar, M.M., Ibrahim, J., Saidu, H., Dawuda, P.M., Bala, R.K., Abdullahi, H.L., Salako, A.E., Kdidi, S., Yahyaoui, M.H. and Yin, T.T. (2022). Scrapie-associated polymorphisms of the prion protein gene (PRNP) in Nigerian native goats. *Gene* Vol. 855. No.1: 1-10. (United States of America).
- *42. **Olaogun, S.C.**, Esan, O.O., Adedokun R.A.M. and Adeniran J.A. (2023). Prevalent bacterial isolates and their antimicrobial sensitivity pattern in calves showing signs of shipping fever after 72 hours of transportation in Nigeria. *Tropical veterinarian* Vol. 42. No.1: 18-31. (Nigeria).
- *43. **Olaogun, S. C.**, Fosgate, G. T., Byaruhanga, C. and Marufu, M. C. (2023). The knowledge, attitudes, and practices of smallholder cattle farmers concerning the epidemiology of bovine fasciolosis in the Northwest Province, South Africa. *Tropical Animal Health and Production* Vol. 55. No. 2: 1-11. (Netherlands).
- *44. Adeola, A.C., Bello, S.F., Abdussamad, A.M., Mark, A.I., Sanke, O.J., Onoja, A.B., Nneji, L.M., L.M., L.M., Abdullahi, N., **Olaogun, S.C.**, Rogo, L.D. and Mangbon, G.F. (2023). Polymorphism of Prion Protein Gene (*PRNP*) in Nigerian sheep. *Prion Journal* Vol. 17. No. 1: 44-54. (United States of America).

- *45. Adedokun R.A.M., **Olaogun, S.C.** and Alaba B. K. (2023). Hematological and biochemical profile of apparently healthy Horses in Ibadan, Nigeria. *Alexandria Journal of Veterinary Sciences* Vol. 77. No. 1: 156-164. (Egypt).
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53. **Olaogun, S. C.** and Esan, O. O. (2024). Blood biochemical profile and level of cortisol among lame indigenous breeds of goats in Nigeria. *SVU-International Journal of Veterinary Sciences* Vol. 7. No. 1: 22-38. (Egypt).
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70. Badmus, H. A., **Olaogun, S. C.**, Adedokun, R. A. M. and Olaifa, O. S. (2026). Gastrointestinal parasites and pathological findings in captured African giant rats (*Cricetomys gambianus* W.) in Ibadan, Nigeria. *Journal of Agriculture, Science and Technology* Vol. 25. No. 1: 57-70. (Kenya)
71. Akinniyi, O. O., Afolabi, D. O., Mshelia, P. W., Olakojo, T. A., Oyenekan, I. O., Adah, O., Dideolu, O., **Olaogun S.C.**, Jeremiah O.T. and Omobowale, T. O. (2026). Comparative study of dental age estimation methods against known chronological age in Nigerian local horses. *Journal of Equine Science* Vol. 37. No. 1: 9-20. (Japan)
72. **Olaogun, S. C.**, Tijani, K. O., Oladipupo, A. A, Bolaji-Alabi, F. B., Osunkoya, D., Adetunji, V. E., Ogunleye, O. O., Adenaike, E. A., Iyiola, E. P., Raji, Q. O., Babalola, J. A. and Adeola, A. C. (2026). Clinical, haematological and biochemical features associated with foot rot infection in sheep in Oyo State, Nigeria. *Journal of Veterinary Research Advances* Vol. 8. No. 1: 20-29. (India)

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74. **Olaogun, S. C.**, Taiwo, M. A., Akinrinde, Oladipupo, A. A. and Adenaike, E. A (2026). Comparison of oxidative stress biomarkers between Peste des Petits Ruminants infected and non-infected goats in Ibadan, Nigeria. Journal of Research in Veterinary Sciences Vol. 6. No. 3: 260-271. (Belgium)
75. Eniola Praise Iyiola, **Sunday Charles Olaogun**, Olalekan Taiwo Jeremiah. (2026). Knowledge, Attitude, and Practices of Livestock Stakeholders Regarding Bovine Leptospirosis in Ibadan, Oyo State, Nigeria. Tropical Veterinarian. Vol. 44. No.1: 09-23. (Nigeria).
76. Adenaike, E.A., Ogbonna, I.J., Akpan, C.A.N., Tchokote, Y.E. and **Olaogun, S.C.** (2026). Prevalence of African swine fever in pigs managed under various production system in Kaduna state, Nigeria. Journal of Sustainable Veterinary and Allied Sciences. Vol. 8. No. 3: 143-148
77. Adenaike, E.A., Ogbonna, I.J. and **Olaogun, S.C.** (2026). Rhinitis on a pig farm in Umuahia, Nigeria: a case report. Journal of Sustainable Veterinary and Allied Sciences. Vol. 8. No. 3: 1-6.

(f) Books, Chapters in Books, and Articles already accepted for publication: Nil

(g) Technical reports/ monograph: Nil

XI. Major Conferences/Workshops Attended with papers Read (in the last 5 years)

- i. 49th Parasitological Society of Southern Africa (PARSA) Conference held virtually in South Africa, 14-16 September 2021. (South Africa)

Paper Read:

Olaogun, S.C. and Adedeji, P.A., (2021) Clinico- haematological and biochemical features of natural Babesiosis in Nigerian breeds of Cattle. Pp. 27

- ii. 58thAnnual Congress of the Nigeria Veterinary Medical Association (NVMA) held at the International Conference Centre, University of Ibadan, Ibadan, Nigeria, from 24-28 October 2022. (Nigeria)

Paper Read:

Olaogun, S.C., Oyetoyinbo, T.E., and Adedokun, R.A.M (2022): Biochemical features and level of cortisol among lame indigenous breeds of goats in Nigeria.

- iii. UFAM, International Animal Welfare Scientific Conference 2025 (Virtual) held virtually in London, 24-26 June 2025. (United Kingdom)

Paper Read:

Olaogun, S.C., Obiora, P.I., Adah Osereime and Oladipupo, A.A (2025): Occurrence and comparison of haematological and serum biochemical parameters of peste des petits ruminants' virus (pprv) infected and non-infected Nigerian breeds of goats.

- iv. The 3RD Centre's Oku Ampofo Memorial (COAM) International Conference held at the Fiesta Royale Hotel, Accra, Ghana from 3 -6 November 2025. (Ghana).

Paper Read:

Olaogun, S.C., and Fasasi, A.O (2025): Prevalent bacterial pathogens in bovine mastitis and their antimicrobial susceptibility pattern in Nigerian breeds of cattle.

- v. The 2nd International Online Conference on Veterinary Sciences (Sciforum) held virtually in Basel, Switzerland. 7-9 September 2026. (Switzerland).

Paper Read:

Olaogun, S.C. and Tijani K.O (2026): Clinical, haematological and biochemical features associated with foot rot infection in sheep in Oyo State, Nigeria.

Name

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XII Ten Best Publications that Reflect the Totality of my Contributions to Scholarship

- (1) **Olaogun, S.C.**, Jeremiah, O.T., Jubril, A.J. and Adewuyi, O.O. (2016). Calf Diarrhea: Epidemiological Prevalence and Bacterial Load in Oyo and Ogun States, Nigeria. *Alexandria Journal of Veterinary Sciences* Vol. 51. No.1: 90-96.
- (2) **Olaogun, S.C.** and Onwuzuruike, K.J. (2018). Incidence and biochemical parameters of dermatophilosis in Nigerian cattle breed from livestock markets, Oyo state, Nigeria. *Open Veterinary Journal* Vol. 8. No. 1: 35-39.
- (3) **Olaogun, S.C.** and Adedeji, P.A. (2018) Clinico-haematological and biochemical features of natural Babesiosis in Nigerian breeds of Cattle. *Bulletin of Animal Health and Production in Africa* Vol. 66. No. 3: 509-520.
- (4) Mauki, D.H., Adeola, A.C., Ng'ang'a, S.I., Tijjani, A., Akanbi, I.M., Sanke, O.J., Abdussamad, A.M., **Olaogun, S.C.**, Ibrahim, J., Dawuda, P.M., Mangbon, G.F., Gwakisa, P.S., Yin, T.T., Peng, M.S. and Zhang, Y.P. (2021). Genetic variation of Nigerian cattle inferred from maternal and paternal genetic markers. *Zoological Science* Vol. 9. No. 10607: 1-22.
- (5) Mauki, D.H., Tijjani, A., Ma, C., Ng'ang'a, S.I., Mark, A.I., Sanke, O.J., Abdussamad, A.M., **Olaogun, S.C.**, Ibrahim, J., Dawuda, P.M., Rudovick, R.M., Paul, S.K., Gwakisa., Yin1, T., Li, Y., Peng, M., Adeola, A.C. and Zhang, Y. (2022). Genome-wide investigations reveal the population structure and selection signatures of Nigerian cattle adaptation in the sub-Saharan tropics. *BMC genomics* Vol. 23. No. 1: 306-320.
- (6) **Olaogun, S.C.**, Byaruhanga, C., Ochai, S.O., Fosgate, G.T. and Marufu, M.C. (2022). Comparison of Three Diagnostic Methods to Detect the Occurrence of *Fasciola* Species in Communally Grazed Cattle in the Northwest Province, South Africa. *Pathogens* Vol. 11. No.12: 1-12.
- (7) Adeola, A. C., Bello, S. F., Abdussamad, A. M., Mark, A. I., Sanke, O. J., Onoja, A. B., Nneji, L.M., Abdullahi, N., **Olaogun, S.C.**, Rogo, L.D., Mangbon, G.F., Pedro, S.L., Hiinan, M.P., Mukhtar, M.M., Ibrahim, J., Saidu, H., Dawuda, P.M., Bala, R.K., Abdullahi, H.L., Salako, A.E., Kdidi, S., Yahyaoui, M.H. and Yin, T.T. (2022). Scrapie-associated polymorphisms of the prion protein gene (PRNP) in Nigerian native goats. *Gene* Vol. 855. No.1: 1-10.
- (8) **Olaogun, S. C.**, Fosgate, G. T., Byaruhanga, C. and Marufu, M. C. (2023). The knowledge, attitudes, and practices of smallholder cattle farmers concerning the epidemiology of bovine fasciolosis in the Northwest Province, South Africa. *Tropical Animal Health and Production* Vol. 55. No. 2: 1-11.
- (9) **Olaogun, S. C.**, Obiora, P. I., Oladipupo, A. A., Adah, O., Adeola, A. C., Adenaike, E. A. and Badmus, H. A. (2025). Occurrence and comparison of hematological and serum biochemical parameters of Peste des petits ruminants' virus (PPRV) infected and non-infected breeds of goats in Nigeria. *Folia Veterinaria* Vol. 69. No. 1: 49-58.
- (10) **Olaogun, S.C.**, Tijani, K.O., Oladipupo, A.A, Bolaji-Alabi, F.B., Osunkoya, D., Adetunji, V.E., Ogunleye, O.O., Adenaike, E.A., Iyiola, E.P., Raji, Q.O., Babalola, J.A. and Adeola, A.C. (2026). Clinical, haematological and biochemical features associated with foot rot infection in sheep in Oyo State, Nigeria. *Journal of Veterinary Research Advances* Vol. 8. No. 1: 20-29.

My Research focus

My research journey has been defined by a deep and unwavering commitment to the health and welfare of large animals, with particular interest in Food animals. I have strived to make meaningful contributions to this vital field, and I am proud to share some of the notable outcomes and accomplishments that have marked my research focus.

My research focuses on the pathobiology, epidemiology, and genomics of endemic diseases in Nigerian domestic livestock, with an emphasis on ruminants. By integrating clinical diagnostics, hematological and biochemical profiling, and bacterial antibiogram surveillance. In regions with tropical climates, ruminant animals are particularly susceptible to infectious agents that affect their circulatory system due to favorable conditions for vector proliferation. I initiated and co-authored numerous studies investigating the effects of these tropical diseases on hematological and biochemical parameters in ruminant animals and horses. These findings have proven to be invaluable in clinical practices, allowing veterinarians and livestock managers to better diagnose and manage these diseases.

I investigated the systemic impacts of major endemic bacterial diseases and antimicrobial resistance dynamics in local herds of cattle and small ruminant flocks. The findings of these investigations are very relevant in the diagnosis and management of those clinical conditions, especially in the use of antimicrobial agents. Additionally, my work incorporates genomic analyses of African domestic animals to evaluate host genetic diversity, population structure, and underlying traits associated with disease resilience and adaptation. Notably, I conducted the first genomic analysis of the mitochondrial DNA, genetic polymorphism of Y-chromosomes, and haplogroup distribution of Nigerian indigenous cattle, which have been deposited in GenBank (accession numbers MT362777–MT362895 and MW284951–MW284970, respectively). These findings are crucial for breeding programs and conservation efforts.

In summary, my research focus has been multifaceted, addressing the clinical aspects of disease diagnosis and management, genetic insights, and broader welfare and policy issues concerning ruminant and large animals. I remain dedicated to making meaningful contributions to the betterment of animal health and welfare, not only in Nigeria but also on a global scale.

Name

Signature

Date

