

BRIEF BIOGRAPHY

Dr Ajibola E.S is an Associate Professor of Veterinary Physiology. He obtained his Doctor of Veterinary Medicine degree at the Ahmadu Bello University, Zaria in 1994. In 2006, he obtained an MSc degree in Medical Physiology from the University of Lagos. He later obtained a doctorate degree in Veterinary Physiology from University of Ibadan in 2017.

As a Veterinary Doctor, Dr Ajibola has well over 10 years of professional working experience as a poultry veterinarian in the Nigerian poultry industry. He has also worked as a teacher and researcher with FUNAAB since his appointment in 2003.

Dr Ajibola is a biomedical scientist with research interest in understanding the physiological basis of Pharmacology, Toxicology, Nutrition and Medicine. His research efforts have earned him over **35** publications in reputable peer-review journals. Dr Ajibola is proficient in the use of research techniques such ELISA, HPLC, Electrocardiography and Echocardiography. He is also conversant with use of several Statistical and Pharmacokinetic software.

Dr Ajibola in 2019 won the Institution Based Research (TETFUND) grant to study “Population Pharmacokinetics of Praziquantel in Nigeria School-Aged Children Suffering from Schistosomiasis”. He was also a recipient of the Institute of Food Security, Environmental Resources and Agricultural Research’s (IFSERAR) grant to work on “Cardiotonic Potential of *Hibiscus Sabdariffa* in Rats” (2010). Dr Ajibola was also a recipient of International Veterinary Radiology Association’s travel grant to attend the 2023 conference in Dublin.



Personal Information

Dr E.S Ajibola was born in the city of Kaduna in September 7 1970. He hails from Ayetoro Gbede Ijumu Local Government Area of Kogi State. He had his elementary education at Trinity Nursery and Primary School in Ilorin between 1975 and 1981. He obtained his West African School Certificate from Borgu Secondary School New Bussa in 1986. He holds a DVM degree from Ahmadu Bello University, Zaria and also a doctoral degree in Veterinary Physiology from

the University of Ibadan. Dr Ajibola Joined the service of the Federal University of Agriculture, Abeokuta as an Assistant Lecturer in June 2003 and rose through the ranks to become an Associate Professor of Veterinary Physiology in October 2021. He is a highly resourceful academic and prolific researcher. Dr Ajibola is also a Consultant to the Small Animal Unit of the Veterinary Teaching Hospital, FUNAAB. He is married with children.

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Qualification;

Doctor of Philosophy (PhD) University of Ibadan

Masters of Science (MSc) University of Lagos

Doctor of Veterinary Medicine (D.V.M) Ahmadu Bello University Zaria

Membership of Professional bodies

Member, Nigerian Veterinary Medical Association

Member, Small Animal Veterinary Association of Nigeria

Award Received;

1. Institution Based Research (TETFUND) grant to study “Population Pharmacokinetics of Praziquantel in Nigeria School-Aged Children Suffering from Schistosomiasis”. (2019)
2. Institute of Food Security, Environmental Resources and Agricultural Research’s (IFSERAR) grant to work on “Cardiotonic Potential of *Hibiscus Sabdariffa* in Rats” (2010)
3. International Veterinary Radiology Association’s travel grant to attend the 2023 Conference in Dublin.

Research conducted

1. Cardiac functions, Haemodynamic and biochemical changes in Nigerian local dogs during acute *trypanosoma brucei* infection
2. Population Pharmacokinetics of Praziquantel in Nigerian School Aged Children Suffering from Schistosomiasis
3. PK/PD Approach to dosage determination of Albendazole in West African Dwarf Goats
4. M-Mode Echocardiographic Evaluation of Two Different Propriety Formulations of Oxytetracyclines for Cardiac Safety in Dogs
5. Determination of the Reference Intervals of Haematological Indices of BOERBOEL Dogs Living in Nigeria
6. Evaluation of Olfactory Invoked Electroencephalogram changes in Nigerian Dogs

Conferences Attended

Publications

Journal Articles

1. **Ajibola ES**, Akinbule S, Igboanusi D (2023): M-mode Evaluation of Some Left Ventricular function indices after a single dose administration of Diminazene Aceturate in Boerboel dogs. *Brazillian Journal of Veterinary Medicine (in press)*
2. **Ajibola ES**, Akinbule S, Igboanusi D (2023):M mode Echocardiographic Indices of Healthy Boerboel dogs. *Journal of Biological Research (in press)*
3. **Ajibola ES**, Oke BO, Oyewale JO (2023): Some Haemodynamic Effects of Experimental T. brucei Infection in dogs. *Philippine Journal of Veterinary Medicine (in press)*
4. Thomas F.C, **Ajibola E.S**, Scott A, Tassi R, Santana A.M, Mc Neilly TM, Zadoks R, Haining H, Burchmore R, Eckersall P.D(2022): Identification of Proteins Expression Changes in Milk of Experimental Bovine Mastitis Using Different Gel Electrophoresis. *Veterinarski Arhiv*. Published by the Faculty of Veterinary Medicine, University of Zagreb, Croatia

5. Thomas F.C, Antia R.E, Fakilahyel F.M, **Ajibola E.S**, Rahman S.A, Ayanleye A.O (2022): Hematological, Oxidative Stress and Trace Element Variation Associated with Emaciation in Preslaughter White Fulani Cows. *Philippine Journal of Veterinary and Animal Sciences*, 48(2): 22-32. Published by the Philippine Society of Animal Science.
6. Thomas F.C, Alarape O.O, Oliwo O.M, Omoshaba, E.O, Ojo O.E, Oyewusi J.A, **Ajibola E.S** (2021): Somatic cell counts and Bacteria in Milk from Two Nomadic Herds in Abeokuta. *Sokoto Journal of Veterinary Sciences*, 19(2):112-120. Published by Faculty of Veterinary Medicine, Usmanu Danfodiyo University, Sokoto, Sokoto
7. **Ajibola, E. S.**, Adebayo, O., Abakpa S. A. V., Oyewusi, J.A. Makinde, F & Adeleye, A.A(2021): Suspected Case of Digitalis Toxicity Secondary to Therapeutic Management of Congestive Heart Failure in a Boerboel Dog. *Nigerian Veterinary Journal* 42(4): 273-277 Published by the Nigerian Veterinary Medical Association.
8. **Ajibola E.S**, Oyewale J.O, Oke B.O (2021); Serum cardiac troponin I and Lactate as prognostic markers of Canine African Trypanosomiasis. *Nigerian Veterinary Journal* 42(4):308-315. Published by the Nigerian Veterinary Medical Association.
9. **Ajibola, E. S.**, Ojo, O. E., Adeleye O. E., Thomas, F. C., Olaleye, O. D & Rahman, S. A (2020): Pharmacokinetic Evaluation of Aqueous solution of Enrofloxacin after Single Intramuscular Injection in Layers. *West African Journal of Pharmacology and Drug Research*, 34(1): 1-7 Published by West African Society of Pharmacology.
10. Abakpa, S.A.V., Talabi, A.O., Oyekunle, M.A., **Ajibola, E.S.**, Adebisi, A.A., Mshelbwala, F.M., Akintunde, G.O., Daramola, O.O., Adeleye, O.E & Okandeji, M.E (2020): Elevation of Serum Cardiac Troponin I Concentration in Dogs Experimentally Infected with *Trypanosoma congolense*. *Alexandria Journal of Veterinary Sciences.*, **64(1):123-128**. Published by Alexandria University, Alexandria, Egypt, Available online at <https://www.alexjvs.com>
11. **Ajibola E.S.**, Thomas F.C., Adeleye, O.E, Durotoye, L.A, Rahman S.A. Adejola, A. (2018): Non-Invasive Determination of Reference Arterial Blood Pressure Indices of Healthy Alsatian and Boerboel dogs. *Nigerian Veterinary Journal* 33(2):16-30. Published by the Nigerian Veterinary Medical Association. Available online at <http://www.ajol.info/index.php/nvj>
12. **Ajibola, E.S.**, Rahman S.A, Ademolu K.O., Biobaku, K.T Okwelum, N (2018): Preliminary Investigation on the Effects of Crude Extracts of Snail Mucin from the Giant African Land Snail (*Archachatina marginata*) on Heart Functions. *Journal of*

Molluscan Research, 4:11-16. Published by Research Network on Giant African Land Snail (Net GALS). Available online at www.malacology.org.ng

13. **Ajibola, E.S.**, Oyewale, J.O., Oke, B.O., Durotoye, L.A., Adeliyi, T.O, Rahman, S.A. (2017): Normal M-Mode Echocardiographic Indices of Nigerian Local Dogs. *Journal of Biological Research*, 90 (6107): 41-44. Published by the Italian Society of Experimental Biology, Italy. Available online at <http://www.jbiolres.org> (Listed in Scimago and Scopus)
14. Akintunde, O.G., **Ajibola, E.S.**, Abakpa, S.A.V, Oluwo, B.H & Olukunle, J.O. (2017): Cardio-protective Effects of *Citrullus lanatus* Rinds in Male Wistar rats. *Nigerian Journal of Animal Production*, 44(1):123-129. Published by the Nigerian Society of Animal Production. Available online at <http://doi.org/10.51791/njap.v46i2.13>
15. **Ajibola E.S.**, Biobaku, KT., Rahman S.A., Adenubi, OA & Gbenle, B.O. (2017): Comparative Electrocardiographic Effects of Propofol-Tramadol and Propofol-Ketamine Anesthesia in Puppies. *West African Journal of Pharmacology and Drug Research.*, 32(1):16-24 Published for the West African Society of Pharmacology by Literamed Publications Nigeria Limited. Available online at <https://www.ajol.info/index.php/wajpdr/article/view/190513>.
16. **Ajibola, E.S.**, Oyewale J.O & Oke, B.O (2016): M-mode Left Ventricular Echocardiographic Indices of *Trypanosoma brucei* Infected dogs. *Bulgarian Journal of Veterinary Medicine*, 19(4): 274-280. Published by the Faculty of Veterinary Medicine, Trakia University-Stara Zagora, Bulgaria Available online at <http://www.tru.uni-sz.bg/bjvm/bjvm.html>.(Listed in Scimago)
17. **Ajibola E.S** & Oyewale, J.O (2016): A Six Lead Electrocardiogram of *Trypanosoma brucei* Infected Dogs. *Alexandria Journal of Veterinary Science*, 48(2):23-32. Published by the Faculty of Veterinary Medicine, Alexandria University, Edfina, Egypt. Available online at <http://www.alexjvs.com>
18. **Ajibola E.S.**, Oyewale J.O & Oke B.O (2016): Electrocardiographic and Some Serum Electrolytes Changes in Acute Experimental *Trypanosoma brucei* Infection of Adult Dogs. *Philippine Journal of Veterinary Medicine*, 53(1):26-33. Published by the College of Veterinary Medicine, University of Philippine, Laguna, Philippine. Available online at <https://cvm.uplb.edu.ph> (Listed in Scimago and Scopus)

19. **Ajibola E.S.**, Oyewale J.O & Oke B.O (2016): Arterial Blood Pressure Changes in Acute *Trypanosoma brucei* Infection of Dogs. ***Bulletin of Animal Health and Production in Africa***, 63(4):73-78. Published by the Inter-African Bureau for Animal Resources, Nairobi Kenya. Available online at <http://www.au-ibar.org/bulletin>
20. Thomas, F.C., Aduloju, O.S., Okediran, B.S., **Ajibola, E.S** & Maduagwu, E.N (2016): Presence of Nitrites, Nitrates, Nitrosamines in the Eggs of Intensively Raised Layers in Abeokuta. ***Nigerian Veterinary Journal***, (37): 123-125. Published by the Nigerian Veterinary Medical Association. <http://www.ajol.info/index.php/nvj>
21. Fasanmi, O.G., Okuneye, O.J., **Ajibola E.S.**, Oladele-Bukola, M.O., Olona, J.F., Ajayi, J.O Balogun, F.A (2015): Productive and Physiological Responses of Heat-Stressed Dominant Black Hens to Artificial Ventilation and Modified Layers Mash in Nigeria. ***International Journal of Poultry Science***, 14(8): 471-47. Published by the Asian Network for Scientific Information. Available online at <https://www.researchgate.net>. (Listed in Scimago)
22. Thomas, F.C., Haining, H., Stevenson, M.L., Thompson, H., **Ajibola E.S** & Eckersall, P.D (2016): Immunohistochemical Localization of Haptoglobin in the Bovine Mammary Gland. ***Alexandria Journal of Veterinary Sciences***, 50 (1):65-69. Published by the Faculty of Veterinary Medicine, Alexandria University, Edfina, Egypt. Available at DOI: 10.5455/ajvs.218223
23. Okediran, B.S., Biobaku, K.T., **Ajibola, E.S.**, Omotainse, S.O., Thomas, F.S., Adah, S.A (2015): Effects of Prolonged Administration of Graded Doses of Lead on Some Electrolytes of Albino Rats. ***Sahel Journal of Veterinary Science***, 14(2): 81-96. Published by the Faculty of Veterinary Medicine, University of Maiduguri, Maiduguri
24. **Ajibola, E.S** & Oyewale, J.O (2014): Relationship between Some Plasma Electrolyte and Electrocardiographic Indices of *Trypanosoma brucei* Infected Dogs. ***Sokoto Journal of Veterinary Science***, 12 (1): 36-45. Published by the Faculty of Veterinary Medicine, University of Sokoto, Sokoto. Available online at <http://dx.doi.org/10.4314/sokjvs.v16i2.7>
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27. Biobaku, K.T., Yusuf, A.A., Mshelbwala, F.M., **Ajibola, E.S.**, Okediran, B.S Akinloye, O.A (2014): Sub-chronic Toxicity Study of *Khaya Senegalensis* Aqueous Extract in Rats. *Nigerian Journal of Animal Production*, 41(1):235-243. Published by the Nigerian Society of Animal Production. Available online at <http://doi.org/10.51791/njapv6i2.13>
28. Olukunle, J.O., **Ajibola, E.S.**, Biobaku, K, T & Akinkuotu, O.A (2012): Effects of *Lippia multiflora* Leaf Extract on Semen of Wistar Rats. *Nigerian Journal of Animal Production*, 39: 172-178. Published by the Nigerian Society of Animal Production. Available online at <http://doi.org/10.51791/njapv6i2.13>
29. **Ajibola, E.S.**, Rahman, S.A., Adebayo, A.O., Thomas F. C & Biobaku, K.T (2011): Normal Electrocardiogram of the Nigerian Local Dogs: QT, PQ, RR Intervals and Heart Rate Relationship. *Folia Veterinaria*, 55 (4):115-119. Published by the University of Veterinary Medicine and Pharmacy, Kosice, the Slovak Republic. Available on line at <http://www.uvlf.sk>
30. Okediran, B.S., Rahman, S.A., **Ajibola, E.S.**, Biobaku, K.T & Thomas, F.C (2011): Biochemical Parameters of Liver and Kidney Functions in Rats Experimentally Exposed to Lead. *Folia Veterinaria*, 55 (1):50-52. Published by the University of Veterinary Medicine and Pharmacy, Kosice, the Slovak Republic. Available online at <https://www.uvlf.sk/en/fovia-veterinaria>
31. Okediran, B.S., **Ajibola, E.S.**, Olaniyi, M.O., Oladele, G.M., Thomas, F.C., Rahman, S.A & Adegunle, M.A. (2010): Haematological and Biochemical Changes following Lead Toxicity in Male Wistar Rats. *Folia Veterinaria*, 54 (3); 126–129. Published by the University of Veterinary Medicine and Pharmacy, Kosice, the Slovak Republic. Available online at <http://www.uvlf.sk/en/fovia-veterinaria>
32. **Ajibola, E.S.**, Rahman, S.A., Adebayo, A.O., Thomas, F.C., Biobaku, K.T & Gbadebo, A.M (2010): Evaluation of the Pro-arrhythmic Potential of Parenterally Administered Diminazene Aceturate in the Nigerian Local Dogs. *Folia Veterinaria*, 54 (4):201-207.

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33. **Ajibola E.S**, Adeleye O.E, Okediran, B.S & Rahman, S.A. (2010): Effects of Intragastric Administration of the Crude Aqueous Leaf Extract of *Anacardium occidentale* in Rats. *Nigerian Journal of Physiological Sciences*, 25(1):59-62. Published by the Physiological Society of Nigeria. Available online at <http://www.njps.com.org> (**Listed PubMed, Scimago**)
34. Okediran, B.S, **Ajibola, E.S.**, Biobaku, K.T., Thomas, F.C., Rahman, S.A & Anise, E.O (2010): In Vivo Effects of Lead on Haemogram and Hepatic Enzymes. *Folia Veterinaria*, 54 (4)214–217 Published by the University of Veterinary Medicine and Pharmacy, Kosice, the Slovak Republic. Available online at <http://www.uvlf.sk/en/fovia-veterinaria>
35. Ajadi R.A, Olusa T.A, Smith O.F, **Ajibola E.S**, Adeleye E.O, Adenubi O.T & Makinde F.A (2009): Tramadol Improved the Efficacy of Ketamine-Xylazine Anaesthesia in Young Pigs. *Veterinary Anesthesia and Analgesia*, 36 (6); 562-566. Published by the Association of Veterinary Anaesthetist, England, United Kingdom. Available online <http://www.onlinelibrary.wiley.com/journal>. (**Listed in Scopus**)
36. **Ajibola E.S**, Adebayo A.O, Thomas F.C, Rahman S.A, Gbadebo A.M & Odubanku T.A (2009): Hexamethonium Produces both Twitch and Titanic Depression without Fade in the Common African Toad (*Bufo regularis*). *Nigerian Journal of Physiological Sciences*, 24 (2); 107-110 Published by the Physiological Society of Nigeria. Available online at <http://www.njps.com>. (**Listed in PubMed and Scimago**)
37. **Ajibola E.S**, Oyewusi I. K, Okediran B.S, Thomas F.C & Rahman S.A. (2009): Effects of Administration of Crude Aqueous Leaf Extract of *Anacardium occidentale* on the Isolated Rabbit Intestine. *Journal of Agricultural Science and Environment* 9, (1); 88-92. Published by the Federal University of Agriculture, Abeokuta, Nigeria. Available online at <http://oaptin.org/index.php/JOAEN/article/view/48/32>
38. Biobaku, K.T., Ajagbonna, O.P., Omotainse, S.O., **Ajibola, E.S** & Oyewusi, I.K (2009): Effects of Wheat Bran and Diminazene Aceturate on the Pathogenicity of *Trypanosoma brucei* in Rats. *Nigerian Journal of Parasitology*, 30(2):125-130. Published by the Parasitology and Public Health Society of Nigeria. Available online <http://www.ajol.info/index.php/njpar/article/view/144967>. (**Listed in Scopus**)

39. Biobaku, K.T., Abodunrin, C.O., **Ajibola, E.S.**, Adenubi, O.T., Olukunle, O.J & Thomas, F.C. (2009): Trypanocidal Effects of Aqueous Extracts of *Khaya Senegalensis* and *Allium Sativum* with Natural Magnesium Supplements in Rats. ***Nigerian Journal of Parasitology***, 30 (2):90-95 Published by the Parasitology and Public Health Society of Nigeria. Available online <http://www.ajol.info//index.php/njpar/article/view/144967>. (Listed in Scopus)
40. Fasanmi O.G, **Ajibola E.S**, Biobaku K.T, Ajayi O.L, Okediran B.S, Olurode S.A, Thomas F.C & Adebayo A.O. (2009): Effect of Administering a Combination of Vitamin A and E on both Fertility and Hatchability of Anak Breeders. ***Journal of Agricultural Science and Environment*** 9 (2):64-69. Published by the Federal University of Agriculture, Abeokuta. Available online at <http://oapin.org/index.php/JOAEN/article/view/48/32>