

## PROFESSOR MATTHEW AYOKUNLE OLUDE

i. Brief Biography

Matthew Ayokunle Olude (DVM, M.Sc., Ph.D) joined the services of the Federal University of Agriculture, Abeokuta in 2006, as a Lecturer II in the Department of Veterinary Anatomy, College of Veterinary Medicine and rose through the ranks to become a Professor of Veterinary Anatomy with specialty in vertebrate morphology and morphometry, histology and neuroanatomy with particular interests in neuroethology and effects of environmental toxicology on the nervous system. He has supervised and co-supervised several undergraduate and post graduate students (Masters and PhD) and is a recipient of several local and International awards among which are the International Society for Neurochemistry CAEN award 2010 and 2020, International Brain Research Organization Awards 2011, 2012, 2017 and TETFUND NRF, 2016 and 2021.

ii. Passport sized Photograph:



iii. Personal Information

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|------------------------------|---|
| a. Name in Full:             | OLUDE Matthew Ayokunle  |
| b. Date of Birth:            | March 7, 1979   |
| c. Place of Birth:           | Lagos   |
| d. Age:                      | 44 years  |
| e. Sex:                      | Male  |
| f. Marital Status:           | Married   |
| g. Nationality:              | Nigerian  |
| h. Town and State of Origin: | Abeokuta, Ogun State  |
| i. Contact Address:          | Department of Veterinary Anatomy,<br>College of Veterinary Medicine,<br>Federal University of Agriculture, Abeokuta |
| j. Phone Numbers:            | 08058025596, 08060807293  |

- iv. Department: Veterinary Anatomy
  
- v. E-mail address: [oludema@funaab.edu.ng](mailto:oludema@funaab.edu.ng)
  
- vi. Phone number: 08060807293; 08058025596
  
- vii. Rank: Professor
  
- viii. Designation: Head of Department
  
- ix. Researchgate Address: [www.researchgate.net/profile/Ayo-Olude](http://www.researchgate.net/profile/Ayo-Olude)
  
- x. LinkedIn Address: <https://ng.linkedin.com/in/ayo-olude>
  
- xi. Google Scholar Profile: Matthew Ayokunle Olude
  
- xii. ORCID Number: 0000-0002-8717-2977
  
  
- xiii. Qualification: DVM, M.Sc, Ph.D (Ibadan)
  
- xiv. Membership of Professional Bodies:
  - a. Member of the Nigeria Veterinary Medical Association (NVMA)
  - b. Member, Society for Neuroscientist of Africa (SONA)
  - c. Member, Neuroscience Society of Nigeria (NSN)
  - d. Member, African Association of Veterinary Anatomists (AAVA)
  - e. Member, International Brain Research Organization (IBRO)
  - f. Member, Neuroscience group, University of Ibadan
  - g. Member, International Society for Neurochemistry (ISN)
  - h. Affiliate Member, The Physiological Society, United Kingdom
  - i. Postgraduate Member, Biochemical Society (Molecular Bioscience), UK
  
- xv. Award Received:
  - a. Principal Investigator, National Research Fund, Tertiary Education Trust Fund

Advancing Africa Giant Rat Olfactory Receptors for Bio-electronic Odour Detection Technology (Bio-nose) Against Security Threats in Nigeria (2022)

- b. International Society for Neurochemistry Committee for Aid in Neuroscience Research Supplies for use in the Applicant's Home Laboratory (2020)
  - c. International Brain Research Organization, Advanced Neuroscience School Training Cape Town, South Africa (2017)
  - d. International Brain Research Organization, African Regional Council Research Bursary Award for Independent Post-Doctoral Research at University of the Witwatersrand, Johannesburg , South Africa (2017)
  - e. Co-awardee as Trainee of a 3 year Alexander Von Humboldt Reciprocal Research Exchange to study specialized organ systems of the African fruit Bat (2016)
  - f. Co- Investigator, National Research Fund, Tertiary Education Trust Fund Grant: Mechanistic and Genetic Basis for Memory Loss in Vanadium Induced Neuropathologies (2016)
  - g. University of Ibadan PhD Publication Award (2015)
  - h. 3<sup>rd</sup> prize for poster presentation 11<sup>th</sup> Annual Conference Neuroscience Society of Nigeria (2013)
  - i. International Brain Research Organization Neuroscience School Grant, South Africa (2012)
  - j. International Brain Research Organization Neuroscience School Grant, Nigeria (2011)
  - k. Committee for Aid in Neuroscience Research (CAEN) International Society for Neuroscience (ISN) \$4000 Research Fellowship Grant for Neuroscience Techniques and Research, School of Anatomical Sciences, University of Witwatersrand, Johannesburg, South Africa (2010)
- xvi. Conferences Attended:
- a. 20<sup>th</sup> National Conference, Neuroscience Society of Nigeria 2023, Babcock University, Ilisan Remo, Ogun State.

- b. 19<sup>th</sup> National Conference, Neuroscience Society of Nigeria 2022, University of Ibadan, Oyo State.
- c. 18<sup>th</sup> Neuroscience Society of Nigeria 2021, University of Port Harcourt, Rivers State, August 26- 28, 2021. Paper Presented: Neurocellular and Behavioural Alterations following Vanadium Exposure in Malnourished Neonatal Mice (Mustapha O. A., Teriba, E. E., Ladagu, A. D., Folarin, O. R., **Olude, M. A.**, Olopade, F. E. and Olopade, J. O.)
- d. International Brain Research Organization Advanced Training School, African Regional Committee, Alexandria, Egypt, March 28- 31, 2020. Developmental Neurobiology of Unique African Rodents (Mustapha O. A., **Olude, M. A.**, Gilbert, T. T., Olopade F. O. and Olopade J. O.)
- e. International Brain Research Organization Training School, University of Ibadan, February 22-28, 2020. Paper Presented : Neurocellular Profile and Circuitry in Neurotoxicity
- f. 2<sup>nd</sup> Biennial Conference of the College of Biological Sciences (COLBIOS) Federal University of Agriculture, **Abeokuta, Ogun State November 12-15, 2019. Paper presented:** The impact of Artificial Light at Night (ALAN) on Reproductive Hormones in Laboratory Rats (*Rattus norvegicus*)
- g. International Society for Neurochemistry (ISN) School of Basic Neurosciences, Federal University of Technology, Akure (FUTA ), Ondo State, Nigeria **October 20-26, 2019. Faculty Paper Presentation:** Neurological Burden as a Consequence of Environmental Pollution and Degradation
- h. 10<sup>th</sup> FUTA- AGRIC Conference, **Akure, Ondo State, July 10<sup>th</sup>- July 12<sup>th</sup>, 2019.** Paper Read: A Review Of Morphological Research On The African Giant Rat: Looking Beyond Edible Animal Protein
- i. 14<sup>th</sup> Society for Neuroscientists of Africa and 17<sup>th</sup> Neuroscience Society of Nigeria **Conference- Lagos, Nigeria, March 20-24<sup>th</sup>, 2019. Paper Read:** Peripheral Axonopathy in Sciatic Nerve of Adult Wistar Rats following Exposure to Vanadium.

- j. 32<sup>nd</sup> European Association of Veterinary Anatomists (EAVA) Congress- **Hannover, Germany -25<sup>th</sup>- 28<sup>th</sup> July, 2018. *Papers Read:* (a). Histomorphological Features of the Pinna and Associated Structures of *Epomops franqueti*; (b). The Fetus and Allantoic Placenta of an African fruit bat (*Epomops franqueti*)**
- k. 4<sup>th</sup> Unibadan Conference of Biomedical Research (UCBR)- **Ibadan Nigeria- July 12 - 16, 2016. *Papers Read:* (a) The Neuronal, Glial and Connective Tissue Expression in the Testis of the African Giant Rat (*Cricetomys gambianus*, Waterhouse, 1840); (b) Histological and spinal tract tracings of the greater cane rat (*Thryonomys swinderianus*, Temminck) spinal cord.**
- l. 53<sup>rd</sup> Annual National Congress of the Nigerian Veterinary Medical Association (NVMA)- **Enugu, Nigeria. Oct 1<sup>st</sup> –Nov 4<sup>th</sup>, 2016. *Paper read:* (a) Connective tissue, Glial and Neuronal Expressions in the Testis of the African Giant Rat (*Cricetomys gambianus*, Waterhouse, 1840); (b) Brachial plexus of the African Giant Rat (*Cricetomys gambianus*, Waterhouse, 1840); (c) The development, production and characterization of indigenous neural stem cells from African rodents: A potential goldmine.**
- m. 53<sup>rd</sup> Annual National Congress of the Nigerian Veterinary Medical Association (NVMA)- **Enugu, Nigeria. Oct 1<sup>st</sup> –Nov 4<sup>th</sup>, 2016. *Paper read:* Morphological studies of Ependymal cells in the African Giant rat Brain: Histology, Immunohistochemistry and Electron Microscopy.**
- n. 11<sup>th</sup> Annual conference of the German Neuroscience Society, **Göttingen, Germany. 18<sup>th</sup>-21<sup>st</sup> March 2015. *Paper read:* Neurocellular basis for Olfactory acumen in the African giant rat (*Cricetomys gambianus*, Waterhouse)**
- o. 12<sup>th</sup> Annual conference of the Neuroscience Society of Nigeria (NSN), **Ilorin, Nigeria. 26<sup>th</sup>- 28<sup>th</sup> November, 2014. *Paper read:* Astrocyte morphology, density and heterogeneity in the African giant rat (*Cricetomys gambianus*).**
- p. Astrocytes in Health and in Disease Conference, **University College London (UCL), London, April 28-29, 2014. *Poster presentation:* Astroglia Morphologies in the African Giant Rat (*Cricetomys gambianus*, Waterhouse). Published by the Biochemical Society/ British Neuroscience Association**

- q. 11<sup>th</sup> Annual Conference of the Neuroscience Society of Nigeria (NSN), **Ibadan, Oyo State, Nigeria 28<sup>th</sup> -30<sup>th</sup> November, 2013. *Poster Presentation:* The Olfactory Bulb Structure of African Giant Rat (*Cricetomys gambianus*, Waterhouse 1840) I: Cytoarchitecture, (\*3<sup>rd</sup> prize for best poster presentation)**
- r. 50<sup>th</sup> Annual National Congress of the Nigerian Veterinary Medical Association (NVMA)- **FCT Abuja, Nigeria. November 11<sup>th</sup> -15<sup>th</sup>, 2013. *Paper read:* The Olfactory Bulb Structure of African Giant Rat (*Cricetomys gambianus*, Waterhouse 1840) I: Cytoarchitecture.\*\* Best oral presentation at the Anatomy and Surgery scientific session**
- s. 49<sup>th</sup> Annual National Congress of the Nigerian Veterinary Medical Association (NVMA) – **Ekiti State, Nigeria. November 5<sup>th</sup>-10<sup>th</sup>, 2012. *Paper read:* Neurocellular characterization and neurogenesis profile in the African giant rat (*Cricetomys gambianus*, Waterhouse 1840).**
- t. 10<sup>th</sup> Annual Conference of the Neuroscience Society of Nigeria (NSN) **Calabar, Cross River State, Nigeria 14-17<sup>th</sup> May 2012. *Paper read:* Postnatal neurocellular development and adult neurogenesis in the brain of the African giant rat (*Cricetomys gambianus*, Waterhouse 1840); Preliminary findings.**
- u. 48<sup>th</sup> Annual National Congress of the Nigerian Veterinary Medical Association (NVMA) – **Ilorin, Nigeria. October, 2011. *Paper read:* The Oral Cavity of the African Giant Rat (*Cricetomys gambianus*, Waterhouse)**
- v. 3<sup>rd</sup> International Neuroscience and Biomedical Research Institute (INBR) July, 2010, Abuja, Nigeria.
- w. 46<sup>th</sup> Annual National Congress of the Nigerian Veterinary Medical Association (NVMA) – **Awka, Nigeria. October, 2009. *Paper read:* Some Aspects of the Orbital and Ocular Morphometry of the African Giant Rat (*Cricetomys gambianus*, Waterhouse).**
  - a. 44<sup>th</sup> Annual National Congress of the Nigerian Veterinary Medical Association (NVMA) – **Effurun-Delta State, Nigeria. October, 2007. *Paper read:* Paraphimosis in a Grower Pig- a Case Report.**

xvii. Publications:

1. Kehinde, F.O., Dedeke, G.A., **Olude, M.A.**, Ademolu, K.O., Aladesida, A.A., Adewale, A.O. and Owagboriaye, F.O. (2023). Assessment of Reproductive Hormones in Prepubertal and Post Pubertal Rats (*Rattus norvegicus*) on Chronic Exposure to Various Spectra of Artificial Light at Night. *The Zoologist*. 22:31-39
2. \*f Okandeji, M.E., Lijoka, A.D., **Olude, M.A.**, Atiba, F. and Olopade, J.O. (2023) Permanent Tooth Eruption Patterns in Nigerian Local Pigs. *Journal of Veterinary Dentistry*.:8987564231152390. doi: 10.1177/08987564231152390.
3. \*Mustapha, O.A., Awala-Ajakaiye M., Agbalu B., Bello S.T., **Olude M.A.** and Olopade J.O. (2023). Vanadium Impairs neuronal cytoarchitecture of the hippocampal trisynaptic loop in the African giant rat (*Cricetomys gambianus*, Waterhouse). *Nig. J. Neurosci.* 14(1): 1-9 <http://doi.org/10.47081/njn2023.14.1/001>
4. \*f **Olude, Matthew Ayokunle**, Mouihate Abdeslam, Mustapha, Oluwaseun Ahmed, Farina, Cinthia, Quintana, Francisco Javier and Olopade, James Olukayode (2022): Astrocytes and Microglia in Stress-Induced Neuroinflammation: The African Perspective. *Frontiers in Immunology* 13:1 DOI: 10.3389/fimmu.2022.795089
5. \*Mustapha, O.A., Dosunmu, D.P., Teriba, E.E., Mshebwalla, F.M., Ladagu, A.D., **Olude, M.A.** and Olopade, J.O.(2022): Histo-Architectural Changes in Selected Organs Following Vanadium Administration in Malnourished Mice. *Tropical Veterinarian* 40(3&4):34-4
6. \*Festus Olasehinde Kehinde, Dedeke, G. A., **Olude, M.A.**, Aladesida, A.A. and Ademolu, K.O. (2022). Assessment of Haematological Variation in Rat Bred Under Various Artificial Light Spectra at Night (ALAN). *Green Reports* 3(8), 1-6..DOI: 10.36686/
7. f**Olude, M. A.**, Olopade, F.E., Mustapha, O.A. Bello, S.T. & Olopade, J.O. (2021): Ultrastructural Morphology of the Ependyma and Choroid Plexus in the African Giant Rat (*Cricetomys gambianus*). *Folia Veterinaria* 65(1): 45-53. Published by University of Veterinary Medicine and Pharmacy, Slovakia. Available online at [uvif.sk](http://uvif.sk)
8. Faluyi, O.B., **Olude, M.A.** Adegbenro, M. (2021) Assessment of Caecal Microbiome in two Breeds of Rabbits Fed Fermented Cocoa Podhusk Meal *International Journal of Environment, Agriculture and Biotechnology*. DOI: 10.22161/ijeab.61.39
9. Kehinde F.O., Dedeke, G.A., Olatunde, F.A., **Olude, M.A.**, Aladesida, A.A., and Mustapha, O.A. (2021): Chronic Exposure to Artificial Light Spectra at Night alter

Neurobehaviour and Neurotransmitter Levels in Albino Rats. *Journal of Environmental Pollution and Control*. 4(1):1-10

10. **Olude, M. A.**, Aina, O. A., Obasa, A. A., Adeyanju, T. E. & Olopade, J. O. (2020): The Fetal Anatomy and Allantoic Placenta of an African Fruit Bat (*Epomops franqueti*)- a Case Study *Nigerian Journal of Physiological Sciences*. 35: 217-219.
11. <sup>f</sup> Adekanmbi A. J. & **Olude, M. A.** (2020): An alternate prospect in Detecting Pre and Asymptomatic COVID-19 Carriers Through Odor Differentiation by HeroRATs (African Giant Rats). *Journal of Veterinary Behavior*. 42: 26-29.
12. <sup>f</sup> Aina, O. O., **Olude, M. A.**, Olopade, F. E., Balkema-Buschmann A., Groschup, M. H., Ulrich, R. & Olopade, J. O. (2020): A possible case of renal oxalate deposit reported in an African fruit bat (*Epomops franqueti*), *International Journal of Veterinary Science and Medicine*. 8: (1) 56-58.
13. <sup>f</sup> Mustapha, O. A. Ezekiel, O., OlaOlorun, F., Awala-Aljakaiye, M., Popoola, **Olude, M. A.** & Olopade, J.O. (2020): Morphological Characterization of GCR brain- *Developmental Neuroscience*, 42: 114-123.
14. <sup>f</sup> Mustapha Oluwaseun Ahmed, Teriba, EbunOluwa Elizabeth, Ezekiel Samuel Oluwaseun, **Olude Matthew Ayokunle**, Akinloye Adebayo.Koyuum & Olopade James Olukayode (2020): A Review of Scientific Publications on the Greater Cane Rat (*Thryonomys swinderianus*, 1827) *Animal Models and Experimental Medicine*. 3 (1): 40-46.
15. <sup>f</sup> Famakinde, S.A., Mustapha, O.A., Okwellum, N. & **Olude, M. A.** (2020): Concurrent Arhinia and Choanal Atresia in a Day Old Male Kid. *Bulgarian Journal of Vet Med* bjvm vol 23: 2020-0031.
16. <sup>f</sup> Mustapha O. A., Ajadi, T. A., Mustapha, O.O., OlaOlorun, F. A., Popoola, E. S., **Olude, M. A.** & Olopade, J. O. (2020): Sonographic Features of Gestation in the Developing Greater Cane Rat (*Thryonomys swinderianus*). *Bulletin of Animal Health and Production in Africa* 67 (3): 247-254.
17. <sup>f</sup> Mustapha O.A., **Olude, M. A.** Ezekiel, S., Seeger J., Simone F., & Olopade, J. O. (2019): Developmental Horizons in the Prenatal Development of the Greater Cane Rat. *Anatomia Histologia Embryologia*. 48(2): 231-238
18. Mustapha O.A., **Olude, M. A.**, Taiwo, B. & Olopade J.O. (2019): Cytoarchitecture of the Hippocampal Formation in the African Giant Rat (*Cricetomys gambianus*, Waterhouse). *Nigerian Journal of Physiological Sciences* 34(1):55-62
19. Olakunle Olutoye Osinubi, Silas Kalu Onwuka, James Olukayode Olopade & **Matthew Ayokunle Olude** (2019): Folic Acid Reverses the Effects of Cannabis on the Brain of New Born Wistar Rats. *Neuroscience and Medicine* 10 (3): 213-223.



20. **Olude, M. A.**, Bello S.T., Mustapha, O.A., Olopade, F.O., & Olopade, J.O. (2018): Processing Rodent Brain Tissues: Review of Basic Anatomical Techniques for Scientists with Minimal Knowledge of Neuroanatomy. *Nigerian Veterinary Journal*, 39 (4):295-307.
21. <sup>f</sup> Mustapha O.A., **Olude, M. A.**, Bello, S.T., Taiwo, A., Jagun A. & Olopade, J.O. (2019): Peripheral Axonopathy in Sciatic Nerve of Adult Wistar Rats following Exposure to Vanadium. *Journal of Peripheral Nervous System*, 24:94–99.
22. <sup>f</sup> **Olude, M. A.**, Bello, S.T., Mustapha, O.A., Olopade, F.O., Pendl, J., Ihunwo, A.O. & Olopade, J.O. (2018): Oligodendrocyte Morphology in the Developing Brain of the African Giant Rat (*Cricetomys gambianus*, Waterhouse): Histology, Immunohistochemistry and Electron Microscopy. *Anatomia Histologia Embryologia*, 47 (3): 231-238
23. Oyekan, I.O., Akinloye, A.K., Okandeji, M.E., Mustapha O.A., **Olude, M. A.**, & Adebayo, A.O. (2018): Histoarchitecture and Histomorphometry of the Oviduct of Japanese Quail (*Coturnix Coturnix Japonica*). *Tropical Veterinarian* 36 (4): 237-248
24. Akinloye, A.K., Olukole S.G., Adebayo, A.O., **Olude, M. A.** & Oke B.O. (2018): A review of the Anatomy of the Reproductive Organs of the Female African Giant Rat (*Cricetomys gambianus*, Waterhouse) - *Tropical Veterinarian*, 36 (3): 176-189
25. <sup>f</sup> Falade, T.E., **Olude, M. A.**, Mustapha, O.A., Mbajiorgu, E., Ihunwo, A.O., Olopade, J.O. & Oke, B.O. (2017): Connective Tissue, Glial and Neuronal Expressions in Testis of the African Giant Rat (*Cricetomys Gambianus*). *Journal of Morphological Sciences*. 34 (3):186-193
26. Mustapha O.A., Sulaimon, T., **Olude, M. A.**, Aderounmu, O.A., Okandeji, M.E., Akinloye, A.K., Olopade, J.O. & Oke, B.O. (2017): Anatomical Studies on the Spinal Cord of the GCR: Histomorphology and Spinal tracts tracings (*Thryonomys swinderianus*, Temminck) II. *Nigerian Veterinary Journal* 38(2): 129-139
27. **Olude, M. A.** Mustapha, O.A., & Olopade J.O. (2016): Morphological Characterization of the African Giant Rat (*Cricetomys gambianus*, Waterhouse) Brain across Age Groups: Gross features of Cortices. *Nigerian Journal of Physiological Sciences*. 31(2): 131-138
28. **Olude, M. A.**, Akinkunmi I.O., Mustapha .O., Olopade J.O. & Akinloye, A.K. (2015): The Spinal cord studies in the African Giant Rat (*Cricetomys gambianus*, Waterhouse). *Nigerian Journal of Physiological Sciences* 30(1-2): 25-32
29. <sup>f</sup> Mustapha, A.O., Ayoade, O.E., Ogunbunmi, T.K. & **Olude, M. A.** (2015): Morphology of the Oral Cavity of the African Giant Rat (*Cricetomys gambianus*, Waterhouse). *Bulgarian Journal of Veterinary medicine* 18 (1) 19-30. Published by the Bulgarian Association of Veterinary Medicine.

30. <sup>f</sup> **Olude, M. A.**, Mustapha .O., Aderounmu T., Olopade J.O. & Ihunwo A.O. (2015): Astrocyte morphology, heterogeneity and density in the developing African Giant Rat (*Cricetomys gambianus*). *Frontiers in Neuroanatomy* 9 (67), 1-10
31. Mustapha, O.A., Aderounmu, O.A., **Olude, M. A.**, Okandeji M.E., Akinloye, A.K., Oke, B.O. & Olopade, J.O. (2015): Anatomical Studies on the Spinal Cord of the GCR (*Thryonomys swinderianus*, Temminck) I: Gross Morphometry. *Nigerian Veterinary Journal*. 36 (2): 1192-1202.
32. <sup>f</sup> **Olude, M. A.**, Ogunbunmi T.K., Olopade, J.O & Ihunwo A.O, (2014): The Olfactory Bulb Structure of African Giant Rat (*Cricetomys gambianus*, Waterhouse 1840) I: Cytoarchitecture. *Anatomical Science International (ASI)*. 89 (4): 224-231
33. <sup>f</sup> **Olude, M. A.**, Olopade, J.O & Ihunwo A.O, (2014): Adult neurogenesis in the African Giant Rat (*Cricetomys gambianus*, Waterhouse). *Metabolic Brain Disease* 29:857–866
34. **Olude M. A.**, Mustapha A. O., Sonubi A. C., Adebayo O. A., Akinloye A. K. & Ogunbunmi T.K. (2014): Morphometric Study of the Skull Confirms Sexual Dimorphism in the Greater Cane Rat (*Thryonomys swinderianus*). *Nigerian Veterinary Journal*. 35 (3): 1026-1037
35. \*Akinloye, A. K., Oyekan, I. O., Okandeji, M. E., Mustapha, O. A., **Olude, M. A.** & Adebayo AO (2014): Gross Morphometric Study on the Reproductive System Of Japanese Quail (*Coturnix Coturnix Japonica*). *Tropical Veterinarian*, 32: (3&4) 87-96
36. <sup>f</sup> **Olude, M. A.**, Ogunbunmi, T. K. & Olopade, J. O. (2013): A Review of the Published Anatomical Research on the African Giant Rat (*Cricetomys gambianus* Waterhouse). *Bulletin of Animal Health and Production in Africa* 61 (4): 617-628
37. <sup>f</sup> **Olude, M. A.**, Mustapha, O. A., Ogunbunmi, T. K., & Olopade J. O. (2013): The Vertebral Column, Ribs and Sternum of the African Giant Rat (*Cricetomys gambianus*, Waterhouse), *The Scientific World Journal* Volume 2013 (2013), Article ID 973537, 5 pages <http://dx.doi.org/10.1155/2013/973537>
38. <sup>f</sup> Adebayo A. O., Ajayi O. L., **Olude, M. A.**, Talabi A.O. & Oyekunle, M. A. (2012): Mandibular Morphological Changes Associated with *Actinomyces viscosus* Infection in a West African Dwarf Goat in Nigeria. *Bulletin of Animal Health and Production in Africa* 60 (3): 377-381
39. <sup>f</sup> **Olude, M. A.**, Olopade, J.O., Igado, O.O., Mustapha O.A. & Akinloye A.K. (2011): Some Aspects of the Orbital and Ocular Morphometry of the African Giant Rat (*Cricetomys gambianus*, Waterhouse). *Journal of Veterinary Anatomy*, 4 (1):11-18
40. **Olude, M. A.**, Ajayi, O.L., Adebayo, A.O., Akande, F.A., Olugbogi, E.I. (2010): Intestinal Intussusception Due To Concurrent *Hymenolepis nana* and *Dentostomella translucida* Infections in the African Giant Rat. *Science World Journal*, 5(2):21-23

41. <sup>f</sup> **Olude, M. A.**, Olopade, J.O, Akinloye A.K., Mustapha O.A. (2010): Macro-anatomical investigations of the skeletons of the African giant rat (*Cricetomys gambianus* Waterhouse 1840) II: Fore limb. ***European Journal of Anatomy***, 14(1): 19-23
42. <sup>f</sup> **Olude, M. A.** and Olopade, J.O. (2010): Morphometric Studies of The Axial Skeleton of The African Giant Rat (*Cricetomys gambianus*, Waterhouse) Part (1): Skull Typology. ***Journal of Veterinary Anatomy***, 3 (2):1-12
43. <sup>f</sup> **Olude, M. A.**, Olopade, J.O. and Mustapha, O.A., (2009): Macro-Anatomical Investigations of The Skeleton of the African Giant Rat- Pelvic Limb. ***European Journal of Anatomy***, 13 (3): 127- 131
44. <sup>f</sup> **Olude, M. A.**, Olopade, J.O., Fatola, I.O., & Onwuka, S.K. (2009): Some Aspects of the Neurocraniometry of the African Giant Rat (*Cricetomys gambianus* Waterhouse). ***Folia morphologia*** 68 (4): 224-227
45. Oyekunle, M.A., Talabi, A.O., Agbaje, M., Oni, O.O., Adebayo, A.O., **Olude, M. A.**, Oyewusi, I.K., & Akinduti, P.A. (2010): Actinomycosis In A West African Dwarf Goat-A Case Report. ***Nigerian Veterinary Journal***, 31 (1): 80-86
- (ii) Agbaje M, **Olude M. A.**, Oyekunle, M.A. & Kehinde, O.O. (2010): Normal Aerobic Vaginal Flora Of The African Giant Rat (AGR) Captured From Their Natural Habitat In Abeokuta, Ogun State, Nigeria. ***Journal of Natural Sciences, Engineering Technology***, 9 (2):84-88
- (iii) **Journal Articles Accepted for Publication:**
46. Okandeji M. E., Olude, M. A.AND Olopade, J. O.: Craniometric study of the skull of domestic pigs (*Sus scrofa*) in South Western Nigeria. ***Tropical Veterinarian***: 42(2) (Accepted on June 26, 2023)
- (iv) **Book:** Nil
- (v) **Book Article or Chapter:** Nil
- (vi) **Edited Conference Proceedings**
47. Ajibola , E.S., Okediran, B.S., Olaniyi, M.O., Ajayi O.L., Oluwole O.A., Adebayo A.O., **Olude, M. A.** (2007): Paraphimosis in a Grower Pig: ***Nigerian Veterinary Medical Association's 44<sup>th</sup> Annual Conference Book of Proceedings***, B.D. Remi-Adewunmi, Hassan A.Z. and Ogo I.N. (Eds). 333-334. Published by Nigerian Veterinary Medical Association
48. Mustapha, O.A., Faluyi, O.B. and **Olude, M. A.** (2019). Review of Morphological Research on the African Giant Rat; looking Beyond Edible Animal Protein: ***Proceedings of School of Agriculture and Agriculture Technology FUTA, 10<sup>th</sup> Annual Conference***, Olutayo, M.O., Adekunle, V.A.J., Adebayo, R.A., Oparinde, L.O. and Gbadamosi, O.K. (Eds). 99-103 Published by School of Agriculture and Agriculture Technology Federal University of Technology, Akure

(vii) **Technical Reports:** Nil

(viii) **Patents and Certified Inventions**

49. The *Tibial depression of Olude* in the African giant rat (Nigerian Copyright Commission Notification number CN/L/2560).

50. The *rostral accessory incisive foramen of Amarawike* (Nigerian Copyright Commission Notification Number LW0540)