

ADEBAYO ADENRELE OLALEKAN

1. BRIEF BIOGRAPHY:

Born March 9, 1970 into the Luwaji and Sogaolu's family, Adenrele Olalekan Adebayo, hailed from the Itoku district of Abeokuta South Local government area of Ogun State, Nigeria. He had his Primary Education at Baptist Primary School, Kano from 1976-1981 from where he proceeded to Ansar-ud-deen High School, Offa, Kwara State from 1981-1986 for his Secondary education. He had his DVM from Ahmadu Bello University Zaria in 1995 and bagged his Masters and PhD at University of Ibadan in 2009 and 2015 respectively. He enter into the service of Federal University of Agriculture, Abeokuta in 2006 as Assistant Lecturer in the Department of Veterinary Anatomy, College of Veterinary Medicine and has risen through the ranks to become a Professor of Veterinary Anatomy with specialty in Veterinary Morphology and Morphometry, Histology and Reproductive Biology. He is a recipient of various National and International grants and Fellowship award. He has equally served as Acting Head and Post-graduate co-ordinator of the Department and in different capacities in the College and University at large. At his place residence, he participates effectively in neighborhood and community development.

Adenrele Adebayo is married and the union is blessed with a son.

2. PASSPORT PHOTOGRAPH



3. PERSONAL INFORMATION

i.	Name in Full	ADEBAYO Adenrele Olalekan
ii.	Date of Birth	March 9, 1970
iii.	Place of Birth	Kano
iv.	Age	52 years
v.	Sex	Male
vi.	Marital Status:	Married
vii.	Nationality	Nigerian

- viii. Town and State of Origin: Abeokuta, Ogun State
- ix. Contact Address: Department of Veterinary Anatomy,
College
Veterinary Medicine, Federal
University of Agriculture, Abeokuta,
Ogun State.
- x. Phone Number: 08050900685, 08035940092.
- xi. E-mail Address: releadebayo@yahoo.com;
adebayoao@funaab.edu.ng
- xii. Present Post: Professor

4. DESIGNATION:

- a. Departmental Post-graduate Co-ordinator.

5. LINKED-IN ADDRESS

Adenrele Adebayo

6. GOOGLE SCHOLAR PROFILE

Adebayo, Adenrele Olalekan
Professor of Veterinary Anatomy,
Federal University of Agriculture, Abeokuta, Nigeria

7. ORCID NUMBER

<https://orcid.org/0000-0002-9295-4914>

8. QUALIFICATIONS (with dates)

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| a) Doctor of Philosophy, Veterinary Anatomy | 2015 |
| b) Master of Science, Veterinary Anatomy | 2009 |
| c) Doctor of Veterinary Medicine | 1995 |
| d) West African School Certificate | 1986 |

9. MEMBERSHIP OF PROFESSIONAL BODIES.

- a. Member, Nigerian Veterinary Medical Association
- b. Member, African Association of Veterinary Anatomist
- c. Member, European Society for Human Reproduction & Embryology
- d. Member, World Association of Veterinary Anatomists
- e. Member, Society for the Study of Reproduction
- f. Member, Anatomical Society of Nigeria
- g. Member, Association of Fertility and Reproductive Health, Nigeria

10. AWARD RECEIVED

Elsevier Reviewer Recognition Award for outstanding contribution in review - Elsevier, Amsterdam, The Netherlands

Post-Doctoral Research Fellowship from Sichuan Key laboratory of Medical Imaging North Sichuan Medical College, NanChong City, Peoples Republic of China

New Membership Prize from European Society for Human Reproduction & Embryology (ESHRE), London, United Kingdom

Tertiary Education Trust Fund Conference grant, Federal University of Agriculture, Abeokuta

Senate Research Grant (Co - awardee) (SRG/FVM/2010/1^b), from the Senate of University of Ibadan, Ibadan

Best Oral presenter at the 2nd Scientific Congress of the African Association of Veterinary Anatomists (AAVA), Cairo, Egypt

Best Lecturer (Pre-Clinical) awarded by the Association of Veterinary Medical Students, Federal University of Agriculture Abeokuta

Best Lecturer (Pre-Clinical) awarded by the Association of Veterinary Medical Students, Federal University of Agriculture Abeokuta

Best Lecturer (Pre-Clinical) awarded by Association of Veterinary Medical Students, Federal University of Agriculture Abeokuta

Academic Commendation in DVM II at Ahmadu Bello University, Zaria

11. RESEARCH CONDUCTED

Comparative efficacy of exfoliative cytology and hystricomorphic vaginal membrane perforation phenomenon in the determination of the estrous cycle in the female greater cane rat.

Seasonal effects of stress and commonly used drugs on male reproductive parameters of the greater cane rat (*Thryonomys swinderianus*)

Comparative Studies of the epididymis in the greater cane rat, African giant rat and Albino rat.

Evaluation of the Chemical, Physical and Biological properties of *Cucuma longa*.

The use of *Cucumin* pigment as special and fluorescent stain in proteomics

12. CONFERENCE ATTENDED

12th Annual Scientific Conference of Anatomical Society of Nigeria, in Benin-City, Nigeria.

30th Annual Meeting of European Society of Human Reproduction and Embryology in Munich, Germany.

50th Annual National Congress of the Nigerian Veterinary Medical Association (NVMA) in Abuja, Nigeria

29th Annual Meeting of European Society of Human Reproduction and Embryology in London, United Kingdom.

2nd Scientific Congress of the African Association of Veterinary Anatomists (AAVA) in Cairo, Egypt.

46th Annual National Congress of the Nigerian Veterinary Medical Association (NVMA) in Awka, Nigeria

Paraphimosis in a Grower Pig. Paper read at 44th Annual National Congress of the Nigerian Veterinary Medical Association (NVMA) in Effurun-Delta State, Nigeria

13. PUBLICATIONS

1. *Adebayo, A. O. Akinloye A. K., Ihunwo A. O and Oke B. O (2022): Structural and Fine-structural analysis of Ductus deferens in the male greater cane rat (*Thryonomys swinderianus*) **Tropical Veterinarian** 40 (3&4): 7-14 Published by the Faculty of Veterinary Medicine, University of Ibadan, Nigeria.
 2. f*Lala, A. O, Williams G. A., Adebayo, A. O and Oso, A. O (2022): Effect of Herbal Blend and L-arginine Supplementation on Growth Performance, Intestinal Morphology, and Caecal Microflora of Growing Guinea Fowls. **Pertanika Journal of Tropical Agricultural Science**. 45 (1): 37 – 53. Published by Universiti Putra, Malaysia. Available on line: <https://doi.org/10.47836/pjtas.45.1.03>. (Indexed in Pubmed, Scopus)
 3. f*Iyasere O.S., Ajadi T. A, Sobayo R. A, Logunleko M. O, Adebayo A. O, Durosaro S. O, Egbeyale L. T, Famosaya O. O, Ajiboye O. O, Akinbode S. O, Daramola J. O (2022): Influence of exogenous corticosterone on testicular function and mating behavior of Nigerian indigenous cocks. **Animal Reproduction** 19(1):e20210026. Published by Brazilian College of Animal Reproduction (Brazilian Association of Animal Reproduction and Biology). Available online at: <https://doi.org/10.1590/1984-3143-AR2021-0026>. (Indexed in Pubmed, Scopus)
 4. f*Igado, O. O., Adebayo, A. O., Oriji, C. C., Aina O. O and Oke, B. O (2021): Macroscopic and Microscopic Analysis of the tongue of the Male Greater cane rat. **Journal of Morphological Sciences** 38(1); 9-15. Published by Brazilian Society of Anatomy. Available online at <http://www.ajol.info/index.php/nvj/article/view/112595>. (Indexed in Scopus)
 5. f*Adebayo A. O, Akinloye A. K, Oke B. O and Taiwo V. O. (2020): Relationship between Body Mass Index (BMI) and testicular and hormonal parameters of sexually active male greater cane rats (*Thryonomys swinderianus*). **Animal Reproduction** 17(1): 1-9. Published by Brazilian College of Animal Reproduction (Brazilian Association of Animal Reproduction and Biology). Available online at: <https://doi.org/10.21451/10.21451/1984-3143-AR2019-0026>. (Indexed in Pubmed, Scopus)
 6. f*Adebayo, A. O, Akinloye A.K., Oke, B. O and Taiwo, V. O. (2019): Association of anthropometrical index, reproductive parameters and reproductive hormonal levels in male greater cane rat (*Thryonomys swinderianus*). **Bulletin of Animal Health and Production in Africa**. 67(4): 303 -313. Published by the Inter- African Bureau for Animal Resources, Kenya. Available online at <http://www.ajol.info/index.php/bahpa/article/view/84415>
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7. ^fZhi L., Aimei J., Zhan L, Irfan M., **Adebayo A. O** and Yongyan Song (2019): Associations of the NOS3 rs1799983 polymorphism with circulating nitric oxide and lipid levels: A systematic review and meta-analysis. *Postgraduate Medical Journal* 95(5): 1-11. Published by Fellowship of Postgraduate Medicine, London, United Kingdom. Available on line: doi:10.1136/postgradmedj-2019-136396. (**Indexed in Pubmed, Scopus**)
 8. ^fAbiona, J. A., Bello, K. A., Yusuf, T. A., Akinduti, P. A., Ayo-Ajasa, O. Y., Wheto M., **Adebayo, A. O.**, Iyanda, O. A. and Onagbesan, O. M. (2019): Preliminary investigation of the Toll-like receptor expression and haegglutination potential of selected parts of the reproductive tract of Giant African Land Snail (*Archachatina marginata*). *Bulletin of Animal Health and Production in Africa*. 66(2): 699-708. Published by the Inter- African Bureau for Animal Resources, Kenya. Available online at <http://www.ajol.info/index.php/bahpa/article/view/84415>
 9. ^f**Adebayo A. O.**, Adegbesan Z. A., Okandeji, M. E., Mustapha, O. A., Olude, M. A and Akinloye, A. K (2019): An Anatomical Perspective: Does the male greater cane rat (*Thryonomys swinderianus*) have a scrotum? *Anatomy Journal of Africa* 8 (2): 1523-1530. Published by Association of Anatomical Societies of Africa, Kenya.
 10. ^f**Adebayo A. O.**, Akinloye A. K, Ihunwo A. O., Taiwo V. O and Oke, B. O (2019): Ultrastructural studies of Acrosomal formation in the testis of male greater cane rat (*Thryonomys swinderianus*). *Journal of Microscopy & Ultrastructure* 7(1); 14-18. Published by Saudi Society of Microscopes, Saudi Arabia. DOI: 10. 4103/JMAU. JMAU. 28_18. (**Indexed in Pubmed, Scopus**)
 11. Oyenekan, I. O., Akinloye, A. K., Okandeji, M. E., Mustapha, O. A., Olude, M. A., **Adebayo, A. O.** and Ajeigbe, S. O. (2018): Histoarchitecture and Histomorphometry of the Oviduct of Japanese Quail (*Coturnix coturnix japonica*). *Tropical Veterinarian* 36 (4): 237-248. Published by the Faculty of Veterinary Medicine, University of Ibadan, Nigeria.
 12. Akinloye A. K., Olukole S G., **Adebayo A. O.**, Olude M. A and Oke, B. O (2018): A review of the anatomy of the Reproductive organ of the female African giant rat (*cricetomys gambianus* Waterhouse). *Tropical Veterinarian* 36 (3): 176- 189. Published by Faculty of Veterinary Medicine, University of Ibadan, Nigeria.
 13. Olurode S. A., **Adebayo, A. O.**, Dawodu, A. O., Oyenekan, I. O (2018): Testicular Histo-Morphometry and Semen parameters of West African Dwarf bucks in Abeokuta, Nigeria. *Sokoto Journal of Veterinary Sciences*. 16(1): 24-30. Published by Faculty of Veterinary Medicine, Usmanu Danfodiyo University, Sokoto, Nigeria. Available on line at <http://dx.doi.org/10.4314/sokjvs.v16i1.4>
 14. **Adebayo, A. O.**, Akinloye, A. K., Ihunwo, A. O., Taiwo, V. O and Oke, B. O. (2017): Immunolocalization and distribution pattern of Estrogen (ER α and ER β) and Progesterone (PR) receptors along the excurrent duct of male captive-reared greater cane rat (*Thryonomys swinderianus*). *Nigerian Journal of Physiological Sciences*. 32(2): 191-195. Published by Physiological Society of Nigeria. Available on line: <http://www.njps.com.ng/ojs/index.php/njps>.
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15. ^fOso A. O., G. A. Williams, O. O. Oluwatosin, A. M. Bamgbose, **A. O. Adebayo**, O. Olowofeso, V. Pirgozliev, A.A. Adegbenjo, S.O. Osho, J.O. Alabi, F. Li, H. Liu, K. Yao, W. Xin. (2017). Growth performance, apparent nutrient digestibility, energy metabolisability and gut morphology of grower turkeys fed diet supplemented with L-arginine. *Livestock Science* 198: 24-30. Published by Elsevier, U.S.A. DOI: 10.1016/j.livsci.2017.01.018. (**Indexed in Pubmed, Scopus**)
 16. ^fOso A. O., G. A. Williams, O. O. Oluwatosin, A. M. Bamgbose, **A. O. Adebayo**, O. Olowofeso, V. Pirgozliev, A.A. Adegbenjo, S.O. Osho, J.O. Alabi, F. Li, H. Liu, K. Yao, W. Xin. (2017). Effect of dietary supplementation with L-Arginine on haematological indices, serum chemistry, carcass yield, gut microflora and lymphoid organs of grower turkeys. *Livestock Science* 198: 58- 64. Published by Elsevier, U.S.A. DOI: 10.1016/j.livsci.2017.02.00. (**Indexed in Pubmed, Scopus**)
 17. Yahi D., Ojo N. A., Mshelia G. D., Uchendu C. N., Zarami A. B and **Adebayo A. O** (2017): Review on the use of Dexamethasone and its implication for Fertility and Pregnancy. *Borno Medical Journal*. 14(1): 1-17. Published by Medical and Dental Consultants Association and Nigerian Medical Association, Borno State Branch, Nigeria.
 18. Yahi D., Ojo N. A., Arastus W, Uchendu C., **Adebayo A. O** and Mshelia G. D (2017): The Use of Dexamethasone in Animals: Implication for Fertility, Pregnancy and Extrapolation of the Animal Data to Humans - A Review. *Nigerian Veterinary Journal*. 38(1): 83-103. Published by Nigerian Veterinary Medical Association.
 19. Igado, O. O., **Adebayo, A. O.**, Oriji, C. C and Oke, B. O (2016): Cranio-facial and Ocular Morphometrics of Male Greater cane rat. *Nigerian Veterinary Journal*. 37(1); 54-63. Published by Nigerian Veterinary Medical Association. Available online at <http://www.ajol.info/index.php/nvj/article/view/112595>
 20. Akinloye A. K., Oyenekan I. O., Okandeji M. E., Mustapha O. A., Olude M. A and **Adebayo A. O** (2016): Gross morphometric Study on the Reproductive System of the Japanese Quail (*Coturnix coturnix japonica*). *Tropical Veterinarian* 32 (3&4): 87-96. Published by Faculty of Veterinary Medicine, University of Ibadan, Nigeria.
 21. ^f**Adebayo, A. O.**, Akinloye, A. K, Ihunwo, A. O and Oke, B. O. (2016): Zonal Changes in the Ultrastructure of the Epididymal Principal cell of the Greater Cane Rat (*Thryonomys swinderianus*). *Alexandria Journal Veterinary Science*. 48(1): 99-106. Published by the Faculty of Veterinary Sciences, Alexandria University, Egypt. Available online DOI: 10.5455/ajvs.204076
 22. ^f**Adebayo, A. O.**, Akinloye, A. K, Ihunwo, A. O and Oke, B. O. (2015): Anatomical and Immunohistochemical Characteristics of the Prostate Gland in the Greater Cane Rat (*Thryonomys swinderianus*). *Anatomia Histologia Embryologia* 44 (1): 138-145. Published by Blackwell Verlag GmbH, Germany. Available online DOI: 10.1111/ahe.12122. (**Indexed in Pubmed, Scopus**)
 23. ^f**Adebayo, A. O.**, Akinloye, A. K, Olukole, S. G., Oyeyemi M. O., Taiwo, V.O., Ihunwo, A. O and Oke, B. O. (2015): Gross, Histological and Ultra structural features of the Bulbourethral Gland in
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the Greater Cane Rat (*Thryonomys swinderianus*). *Anatomia, Histologia Embryologia* 44 (1): 59-65. Published by Blackwell Verlag GmbH, Germany. Available online DOI: 10.1111/ah.12108. (Indexed in Pubmed, Scopus)

24. *f*Adebayo, A. O., Akinloye, A. K, Ihunwo, A. O and Oke, B. O. (2015): The Coagulating Gland in the Male Greater Cane Rat (*Thryonomys swinderianus*): Morphological and Immunohistochemical Features. *Folia Morphologica*. 74(1):25-32. Published by the GrupaViaMedicaul, Gdańsk, Poland. Available online at <http://www.fm.viamedica.pl>. (Indexed in Pubmed, Scopus)
 25. *f*Adebayo, A. O., Akinloye, A. K, Olukole, S. G., Ihunwo, A. O and Oke, B. O. (2014): Structural, Ultra-structural and Immunohistochemical Analysis of the Vesicular Gland in the Male Greater Cane Rat (*Thryonomys swinderianus*). *European Journal of Anatomy*. 18(4): 317-325. Published by Spanish Society of Anatomy, Spain. Available online at <http://www.eurjanat.com/web/paper.php?id=140057aa>. (Indexed in Scopus)
 26. Olude, M. A., Mustapha, O. A, Sonubi, A. C., Falade T. E., Ogunbunmi T. K., Adebayo, A. O. & Akinloye A.K. (2014): Morphometric Studies of the Skull of the Greater Cane Rat (*Thryonomys swinderianus* Temminck). *Nigerian Veterinary Journal*. 35(3); 1026-1037. Published by Nigerian Veterinary Medical Association. Available online at <http://www.ajol.info/index.php/nvj/article/view/112595>
 27. Agbebi, O. T., Fakolade, N. A., Adebayo, A. O and Tope-Ajayi, O. O.(2013): The Comparative Histology of the Testis of Two Cultured Clariid Species (*Clarias gariepinus* and *Heterobranchus bidorsalis*). *Journal of Aquatic Sciences* 28(2): 113-120. Published by Association for Aquatic Sciences of Nigeria. Available online at <http://www.ajol.info/index.php/jas/article/view/94098>
 28. *f*Adebayo, A. O, Ajayi O. L, Olude M. A, Talabi A. O and Oyekunle M. A. (2012): Mandibular Morphological Changes Associated with *Actinomyces viscosus* Infection in a West African Dwarf Goat. *Bulletin of Animal Health and Production in Africa*. 60(3): 373 -376. Published by the Inter- African Bureau for Animal Resources, Kenya. Available online at <http://www.ajol.info/index.php/bahpa/article/view/84415>
 29. *f*Ajibola E. S., Rahman, S. A., Adebayo A. O., Thomas, F. C. and Biobaku T. A. (2011): Normal Electrocardiogram of the Dog – QT, PQ, RR Intervals and Heart Rate Relationship. *Folia Veterinaria*. 55(4); 115-119. Published by University of Veterinary Medicine and Pharmacy, Košice, The Slovak Republic. Available online at <http://www.foliaveterinaria.com>
 30. *f*Adebayo, A.O., Akinloye, A.K., Olurode, S.A., Anise, E. O and Oke, B. O. (2011): The Structure of the Penis and the Associated Baculum in the Greater Cane Rat (*Thryonomys swinderianus* Temminck). *Folia Morphologica*. 70(3):197-203. Published by the GrupaViaMedicaul, Gdańsk, Poland. Available online at <http://www.fm.viamedica.pl> (Indexed in Pubmed, Scopus)
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31. Thomas, F. C., **Adebayo, A. O.**, Adeleye, O, E and Okediran, B. S (2011): Plasma Lipid Profile and some Biochemical Indices in Domesticated Greater Cane Rat (*Thryonomys swinderianus* Temminck). *Journal of Natural Science, Engineering and Technology* 10(1): 81-89. Published by Federal University of Agriculture, Abeokuta.
32. ^f**Adebayo, A. O** and Olurode, S. A. (2010): The Morphology and Morphometry of the Epididymis in the Greater Cane Rat (*Thryonomys swinderianus* Temminck). *Folia Morphologica*. 69(4): 246-252. Published by the GrupaViaMedicaul, Gdańsk, Poland. Available online at <http://www.fm.viamedica.pl>. (Indexed in Pubmed, Scopus)
33. ^fAjibola E. S, Rahman, S. A., **Adebayo A. O.**, Thomas, F.C., Biobaku T. A. and Gbadebo A. M. (2010): Evaluating the Pro-arrhythmic Potential of Parenterally Administered Diminazene Aceturate in Nigerian Local Dogs. *Folia Veterinaria*. 54(4): 201-207. Published by University of Veterinary Medicine and Pharmacy, Košice, The Slovak Republic. Available online at <http://www.foliaveterinaria.com>.
34. ^f**Adebayo, A. O.**, Oke, B. O and Akinloye, A. K. (2009): The Gross Morphometry and Histology of the Male Accessory Sex Glands in the Greater Cane Rat (*Thryonomys swinderianus* Temminck). *Journal of Veterinary Anatomy*. 2(2); 41-51. Published by the African Association of Veterinary Anatomist, Egypt. Available online at <http://www.vetanat.com/v3-pdf/4.pdf>.
35. ^f**Adebayo, A. O.**, Oke, B. O and Akinloye, A. K. (2009): Characterizing the Gonadosomatic Index and its Relationship with Age in Greater Cane Rat (*Thryonomys swinderianus*, Temminck). *Journal of Veterinary Anatomy*. 2(2); 53-59. Published by the African Association of Veterinary Anatomists, Egypt. Available online at <http://www.vetanat.com/v3-pdf/3.pdf>.
36. Ajibola E.S, **Adebayo A. O**, Thomas F.C, Rahman S.A, Gbadebo A.M and Odunbaku T.A. (2009): Hexamethonium produces both Twitch and Tetanic Depression without Fade in the Common African Toad. *Nigerian Journal of Physiological Sciences*. 24(2); 107-110. Published by Physiological Society of Nigeria. Available online at <http://www.bioline.org.br/np>.
37. Olude, M. A., Ajayi, O. L, **Adebayo, A. O**. Akande, F. A and Olugbogi, E. I (2010): Intestinal Intussusception due to Concurrent *Hymenolepis nana* and *Dentostomella translucida* Infection in the African Giant Rat (*Cricetomys gambianus*) - A Case Report. *Science World Journal*. 5(2); 21-23. Published by Faculty of Science, Kaduna State University. Available online at <http://www.scienceworldjournal.org/article/view/6148>.
38. Oyekunle, M. A., Talabi, A. O., Agbaje, M., Oni, O. O., **Adebayo, A. O.**, Olude, M. A., Oyewusi, I. K. & P. A. Akinduti (2010): Actinomycosis in a West African Dwarf Goat in Nigeria - A Case Report. *Nigerian Veterinary Journal*. 31(1); 80-86. Published by Nigerian Veterinary Medical Association. Available online at <http://www.ajol.info/index.php/nvj/article/view/68936>
39. 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
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Fertility and Hatchability of Anak 2000 Breeders. *Journal of Agricultural Science and Environment*. 9(1); 110-114. Published by Federal University of Agriculture, Abeoku

ii). **Published Conference Proceedings**

40. Ajibola E. S, Okediran B. S, Olaniyi M. O, Ajayi O. L, Oluwole O. A, **Adebayo A. O** and Olude M. A. (2007): Paraphimosis in a Grower Pig. *Nigerian Veterinary Medical Association's 44th Annual National Conference Book of Proceedings*. Remi-Adewunmi, B.D., Hassan, A.Z. and Ogo, I.N. (Eds) 333-334. Published by NVMA

iii). **Patent and Certified Invention**

41. *The rostral accessory incisive foramen of Amarawike in the Greater cane rat skull (Nigeria Copyright commission Notification Number: LW0540) –*
From the article: Olude, M. A., Mustapha, O. A, Sonubi, A. C., Falade T. E., Ogunbunmi T. K., **Adebayo, A. O.** & Akinloye A. K. (2014): Morphometric Studies of the Skull of the Greater Cane Rat (*Thryonomys swinderianus* Temminck). *Nigerian Veterinary Journal* 35(3); 1026-1037. Published by Nigerian Veterinary Medical Association. Available online at <http://www.ajol.info/index.php/nvj/article/view/112595>