

CURRICULUM VITAE

- I** (a) Name: Oluwasanmi Olayinka AINA
(b) Date of Birth: 5 July, 1972
(c) Department: Veterinary Anatomy
(d) Faculty: Veterinary Medicine
(e) College: Not Applicable
- II** (a) First Academic Appointment: Lecturer II (16 January, 2007)
(b) Present Post (with date): Senior Lecturer (October, 2018)
(c) Date of Last Promotion: October, 2016
(d) Date Last Considered For Promotion: Not applicable
- III** University Education (with dates):
(a) University of Ibadan, Ibadan, Nigeria (1990 - 1997)
(b) University of Ibadan, Ibadan, Nigeria (2002 - 2006)
(c) University of Ibadan, Ibadan, Nigeria (2007 - 2010)
(d) University of Ibadan, Ibadan, Nigeria (2011 – May, 2016)
- IV** Academic Qualifications (with dates and granting bodies):
(a) Doctor of Veterinary Medicine (DVM), University of Ibadan, Ibadan. (1997)
(b) Master of Veterinary Science, Veterinary Pathology, University of Ibadan. (2006)
(c) Master of Science, Veterinary Anatomy, University of Ibadan. (2010)
(d) Doctor of Philosophy, University of Ibadan. (2016)
- V** Professional Qualifications and Diploma (with dates):
(a) Doctor of Veterinary Medicine (DVM) 1997
(b) Registered Veterinary Surgeon (VCN No. 2812)

VI Scholarships, Fellowships and Prizes (with dates) in respect of Undergraduate and Postgraduate work only: Nil

VII Honours, Distinctions and Membership of Learned Societies:

- (a) Registered with Veterinary Council of Nigeria (Reg No: 02812)
- (b) Member, Nigerian Veterinary Medical Association (NVMA)

VIII Details of Teaching / Work Experience:

(a) Teaching appointment held (with dates)

- (i) Lecturer II, Department of Veterinary Anatomy, (January, 2007)
- (ii) Lecturer I, Department of Veterinary Anatomy, (October, 2011)

(b) Courses Taught/Supervised

- (i) VAN 211: Micro Anatomy I (2006/2007- 2012/ 2013)
- (ii) VAN 212: Gross Anatomy II (2012/ 2013–date)
- (iii) VAN 223: Micro Anatomy II (2006/2007- 2012/ 2013)
- (iv) VAN 224: Gross Anatomy II (2012/ 2013–date)
- (v) VAN 225: Introduction to Anatomy and Physiology (2006/2007-date)
- (vi) VAN 316: Comparative Anatomy (2006/2007-2012/2013)
- (vii) VAN 317: Comparative Gross Anatomy (2012/ 2013–date)
- (viii) VAN 518: Clinical Anatomy (2006/2007-date)
- (ix) VAN 633: DVM Project (2006/2007-date)

(c) Undergraduate Project Supervision

1. Histopathology of the viscera of mice exposed to varying concentrations of liquid pharmaceutical effluents. (2008).
2. Effects of essential oil of *Zingiber officinalis* on the immune system of domestic fowls (*Gallus gallus domesticus*) (2009),

3. Age Related Changes in the Immune Biology of the Japanese Quail (*Cortunix cortunix japonica*). (2010).
 4. An Anatomical Appraisal of “Wet-marketed” Turkey Poults (2011). .
 5. Histomorphological Studies Of some organs of the African Catfish (*Clarias gariepinus*) (2014).
 6. Alterations in some Bio-Parameters of adult *Clarias gariepinus* (Burchell, 1822) (2015).
- (d). Clinical Services in the Veterinary Teaching Hospital**
- Registrar, Veterinary Teaching Hospital (2007- date)
- (e). Administrative Experience**
- (i) Faculty Representative, University of Ibadan Consultancy Services (2008/2009-2010).
 - (ii) Member, Faculty Board of Examiners. Faculty of Veterinary Medicine, University of Ibadan (2007 -date).
 - (iii) Course Coordinator (VAN 518, VAN 225, Gross Anatomy), Department of Veterinary Anatomy, University of Ibadan.
- (f). Work Experience**
- (i) Muri Emirate Council, Jalingo, Taraba State, July,1997- June, 1998 (Veterinary Officer)
 - (ii) Department of Animal Production and Health, Faculty of Agriculture, Ekiti State University, Ado –Ekiti, April, 2001- January, 2007 (Assistant Lecturer)
 - (iii) Department of Veterinary Anatomy, University of Ibadan, 2007- date (Lecturer)

IX RESEARCH

(a) Completed:

- (i) Antitrypanosomal effects of some Nigerian Medicinal Plants: Publication Number 5

- (ii) Effects of a single dose of Carbendazim on some reproductive and immunological parameters of Japanese quails fed different protein-energy diets: Publication Numbers 13 and 25.

- (iii) Morphophysiological evaluation of the effects of a sub-lethal dose of Carbendazim on some organs of the male *Clarias gariepinus*, Burchell, 1822 (African Catfish): Publication Number 24

(b) In Progress:

- (i) My direction and focus lie in histology, histomorphometrics and reproductive biology. I am currently using that to study the histology, histochemistry and histomorphometrics of the organs of the *Gymnarchus niloticus*, a highly valued, culturally important fish species in the South West Nigeria. Sample collection is currently going on.

- (ii) I am also presently working to compare the histology, histochemistry and histomorphometrics of the reproductive organs of two common fish species in Awba Lake, University of Ibadan: *Clarias gariepinus* and *Heterotis niloticus*. Processing of Pilot study tissues for histology and morphometry and wet season sample collection is currently going on

(c) Project, Dissertation and Thesis:

- (i) Antitrypanosomal effects of some Nigerian medicinal plants, M.Vet.Sc.

Dissertation, Department of Veterinary Pathology, Faculty of Veterinary Medicine, University of Ibadan, Ibadan, Nigeria (2006).

(ii) The effects of a single dose of Carbendazim on some immunological parameters of Japanese quails fed different protein-energy diets. M.Sc. Dissertation, Department of Veterinary Anatomy, Faculty of Veterinary Medicine, University of Ibadan, Ibadan, Nigeria (2010).

(iii) Morphophysiological evaluation of the effects of a sub-lethal dose of Carbendazim on some organs of the male *Clarias gariepinus*, Burchell, 1822 (African Catfish). Ph.D. Thesis, May, 2016. Department of Veterinary Anatomy, Faculty of Veterinary Medicine, University of Ibadan, Ibadan.

X. PUBLICATIONS

(a) Books already published: Nil

(b) Chapters in Books already published:

1. **Aina, O.O.** (2001). Zoonoses. In Agboola A.A.(Ed.) *Essentials of Agricultural Production in Nigeria*. Ado-Ekiti: Green Line. 185-190 pp ISBN: 978-8043-64-X.
(Nigeria)

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

2. Leigh, O. O., **Aina, O. O.** and Ojeh, F.H. (2010). Haematological, serological and histological changes caused by the administration of aqueous crude extract of *Ocimum Gratissimum* (Linn) leaves in the male albino rat (Wistar Strain) *Proceedings 35th Annual Conference of the Nigerian Society for Animal Production(NSAP)*. University of Ibadan, Nigeria, 129-133 (Nigeria)
3. **Aina, O. O.** (2016) Determination of Ld₅₀ of Carbendazim in *Clarias gariepinus* (African Catfish). *Proceedings of 41st Annual Conference of the Nigerian Society for Animal Production (NSAP)*. Federal University of Agriculture, Abeokuta, Ogun State, Nigeria, March 20–24, 2016. Pages 595-597 (Nigeria)

(d) Patents: Nil

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

4. Ajayi, O.L., Emikpe, B.O., Jagun, A., **Aina, S.** (2007). Intestinal volvulus in domestic fowls. *Journal of Veterinary Advances Vol 6 No 5:* 606-607.(Indonesia)

5. Antia, R.E., Olayemi, J.O., **Aina, O.O.**, Jaiyeoba, E.O. (2009). *In vitro and in vivo* animal model antitrypanosomal evaluation of ten medicinal plant extracts from South Western Nigeria. *African Journal of Biotechnology*. 8 (7):1437-1440.
6. Akintunde, J.K., Opeolu, B.O.. and **Aina O.O.** (2010) Exposure to potassium carbonate emulsion induced nephro-toxicity in experimental animals. *Jordan Journal of Biological Sciences*. 3 (1):29–32. (Jordan)
7. Igado, O.O. and **Aina, O.O.** (2010). Some Aspects of the neurometrics and oculometrics of the Japanese quail (*Cortunix cortunix japonica*) in Nigeria. *Journal of Morphological Science*.27(3-4): 133-135.(Brazil)
8. Olopade, J. O., Ozegbe, P. C., Nssien, M. A., Igado, O.O., Akpan, M. O., Olukole, S.G., **Aina, O. O.**, Onwuka, S. K. and Oke, B.O. (2010): A rare case of left additional renal artery in a Nigerian goat. *Italian Journal of Anatomy and Embryology*.15(3):241-244. (Italy)
9. Olopade, J.O., Owolabi, O.R., **Aina, O.O.** and Onwuka, S.K. (2011). “Amelioration of sodium metavanadate-induced histopathological changes by alpha-tocopherol in organs of neonate rats exposed through lactation”. *Journal of Applied Science and Environmental Management*. 15(1):5-8. (Nigeria)
10. Odeniyi, M.A, Atolagbe, F.M, **Aina, O.O.** and Adetunji, O.A. (2011). Evaluation of mucoadhesive properties of native and modified starches of the root tubers of Cocoyam (*Xanthosoma sagittifolium*). *African Journal of Biomedical Research*. 14:169 -174. (Nigeria)

11. Alimba, C. G., Bakare, A. A. and **Aina, O. O.** (2012). Liver and kidney dysfunction in Wistar rats exposed to municipal landfill leachate. *Resources and Environment*, 2(4): 150-163. (USA)
12. Igado, O. O., Olopade, J. O., Adesida, A., **Aina, O. O.** and Farombi, E.O. (2012). Morphological and biochemical investigation into the possible neuroprotective effects of kolaviron (*Garcinia kola* bioflavonoid) on the brains of rats exposed to vanadium. *Drug and Chemical Toxicology* 26 (1): 55-60. (USA)
13. Ozegbe, P. C. and **Aina, O. O.**(2012) Effects of dietary protein-energy malnutrition on the testes of Japanese Quails (*coturnix coturnix japonica*) exposed to Carbendazim. *African Journal of Biomedical Research*. 15:117 – 121 (Nigeria)
14. Ajibade, T.O, Soetan, K.O., **Aina, O.O.** and Sangodoyin, Z.T. (2013): Haematological evaluation in male rats following sub-chronic administration of aqueous crude extract of *Parkia biglobosa* leaves. *Elixir Human Physiology* 62:17654-17658.(Poland)
15. Adejuwon, S.A., Femi-Akinlosotu, O.M., Omirinde, J.O. and **Aina, O.O.** (2013). Morphophysiological activities of crude extract of *Gladiolus dalenii* on Wistar rats. *International Journal of Medicine and Medical Sciences*. 46(2):1234-1238. (Egypt)
16. Olaolorun, F. A., Obasa, A. A., Balogun, H. A., **Aina, O. O.** and Olopade, J. O. (2013). Lactational vitamin E protects against the histotoxic effects of systemically administered Vanadium in neonatal rats. *Nigerian Journal of Physiological Sciences*. 29(2):125-129. (Nigeria)

17. Adejuwon, S.A., **Aina, O. O.**, Femi-Akinlosotu, O.M and Omirinde, J. O. (2014) Anti clastogenic effects of *launaea taraxacifolia* leaf extract on cisplatin induced micronuclei in bone marrow erythrocytes. *Journal of Bio-innovation* 2:86-92.(India)
18. Adejuwon, S. A., Omirinde, J. O., Ebokaiwe, A. P., Aina, O. O., Adenipekun, A., and Farombi, E. O. (2014). Radiation-induced Testicular Injury and Its Amelioration by *Telfairia occidentalis*. *British Journal of Medicine and Medical Research*, 4(12), 2431. (United Kingdom)
19. Usende, I. L., Okafor, C. L., **Aina, O. O.**, Onyiche, T. E., Durotoye, T. I., Omonuwa, A. O. and Falohun, O. O. (2014). Comparative studies and clinical significance of the spleens of Nigerian indigenous pig (*sus scrofa*) and goat (*capra hircus*). *Journal of Veterinary Advances*. 4 (7):604-609. (Indonesia)
20. **Aina, O.O.** and Ajibade, T. O. (2014). Age-related changes in haematologic parameters of cage-raised Japanese quails (*Cortunix japonica*) *Journal of Veterinary Medicine and Animal Health*. 6 (4):104-108, (Kenya)
21. Oluwayelu, D.O., Adebisi, A. I., Olaniyan, I., Ezewe, P. and **Aina, O.O.** (2014). Occurrence of Newcastle Disease and Infectious Bursa Disease virus antibodies in double-spurred francolins in Nigeria. *Journal of Veterinary Medicine*. Volume 2014, Article ID 106898, 5 pages <http://dx.doi.org/10.1155/2014/106898> USA)
22. Okunlola, A., Odeku, O.A., Lamprecht, A., Oyagbemi, A.A., Oridupa, O. A. and **Aina, O.O.** (2015) Design of cissus-alginate microbeads revealing mucoprotection properties in anti-inflammatory therapy. *International Journal of Biological Macromolecules*. 79:226-34.(Nigeria)
23. Ajala, O. O., Owoyemi, A. O. and **Aina, O. O.** (2015). Hematological and histological

features of the testis and liver of male african catfish (*Clarias gariepinus*) fed ration supplemented with *Vernonia amygdalina* Del. *Philippine Journal of Veterinary and Animal Sciences*, 41(2).(Philippines)

24. Ajala, T. O., Femi-Oyewo, M. N., Odeku, O. A., **Aina, O. O.**, Saba, A. B. and Oridupa, O. O. (2016). The physicochemical, safety and antimicrobial properties of *Phyllanthus amarus* herbal cream and ointment. *Journal of Pharmaceutical Investigation*. 46(2): 169-178. (The Netherlands)
25. **Aina, O.O.**, Ozegbe, P.C. and Adeyemo O. K. (2016) Reproductive biomarkers of endocrine disruption in adult male *Clarias Gariepinus* exposed to sub-lethal Carbendazim. *Anatomy Journal of Africa*. 5 (1): 672-685 (Kenya)
26. **Aina O. O.** and Ozegbe P. C. (2016) Effects of carbendazim on plasma biochemistry, gross and microscopic features of some visceral organs of Japanese Quails (*Coturnix coturnix japonica*) exposed to different protein-energy diets. *International Journal of Veterinary Sciences*. 5(2): 69-73. (Nigeria)
27. Ogunlesi, O. O., Oladele, O. A., **Aina, O. O.** and Esan, O. O. (2016) Effects of dietary garlic (*Allium sativum*) meal on skin thickness and fat deposition in commercial broiler chickens. *Bulgarian Journal of Veterinary Medicine*. (online first). ISSN 1311-1477; OI: 10.15547/bjvm.959 (Bulgaria)
28. Igwenagu, E., Usende, I. L., Maina, M. M., Saidu, A. M., **Aina, O. O.**, Waziri, and Aji, T. G. (2016). Gross, histological and histomorphometric studies on the thyroid gland of one humped camel (*Camelus dromedarius*) found in the semi-arid region of North Eastern Nigeria. *Nigerian Veterinary Journal*, 37(2), 64-71.
29. Oridupa, O. A., Folasire, O. F., Owolabi, A. J., and **Aina, O.** (2017). Effect of Traditional

Treatment of Diabetes Mellitus with *Xanthosoma sagittifolium* on the Male Reproductive System of Alloxan-Induced Diabetic Wistar Rats. *Drug Research*, 67(06), 337-342.

30. Oniovosa, U. E., **Aina, O. O.**, Alarape, S. A., Babalola, O. E., and Adeyemo, O. K. (2017). Effects of neem leaves aqueous extract on organ histology, haematological parameters and biochemical indices in catfish. *Alexandria Journal of Veterinary Sciences*, 54(1), 17-24.
31. Molehin, O. R., Adeyanju, A. A., Adefegha, S. A., **Aina, O. O.**, Afolabi, B. A., Olowoyeye, A. O and Oladiran, O. R. (2018). Sildenafil, a phosphodiesterase-5 inhibitor, offers protection against carbon tetrachloride-induced hepatotoxicity in rat. *Journal of basic and clinical physiology and pharmacology*, 29(1), 29-35.
32. Olukole, S. G., Ajani, S. O., Ola-Davies, E. O., Lanipekun, D. O., **Aina, O. O.**, Oyeyemi, M. O., & Oke, B. O. (2018). Melatonin ameliorates bisphenol A-induced perturbations of the prostate gland of adult Wistar rats. *Biomedicine & Pharmacotherapy*, 105, 73-82.
33. Oridupa, O. A., **Aina, O. O.**, Lawal, T. S., & Saba, A. B. (2018). Changes in Sperm Morphology and Characteristics of Experimentally-induced Hypertensive Wistar Rats Treated with *Lagenaria breviflora* Roberty or *Xanthosoma sagittifolium* Exell. *Annual Research & Review in Biology*, 1-8.
34. Akinjiola, A. M., Ajala, O. O., **Aina, O. O.**, Oyebanji, V. O., & Olukunle, J. O. (2018). Histomorphometry and Protein Expression From the Ovary and Uterine Horns of Wistar Strain Albino Rats Treated with Methanol Leave Extract of *Parquetina Nigrescens*. *Drug research*, 68(12), 717-724.
35. Iyanda, A.A. and **Aina O.O.**(2019) Cessation of contact altered toxic effects of diesel on heavy metal metabolism but not on renal dysfunction. *International Journal of Advanced Scientific Research*. Volume 4; Issue 2; Page No. 58-61

36. Aina, O. O., Ozegbe, P. C., & Adeyemo, O. K. (2019). Age related Histology and Immunohistochemistry of some intermediate filaments in the Testis of the African Catfish (*Clarias gariepinus*). *Nigerian Journal of Physiological Sciences: Official Publication of the Physiological Society of Nigeria*, 34(2), 121-124.

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

(g) Technical Reports and Monographs: Nil.

*Articles published since last promotion

XI Major Conferences Attended with Papers Read (in the last 5 years):

1. **Aina, O.O.**, Ozegbe, P.C.. and Adeyemo O.K. (2015). Carbendazim And The Female Reproductive Biology Of African Cat Fish. *Poster Presentation at the Conference: "Drivers towards One Health - Strengthening collaboration between medical and animal doctors"*. A.M.A Parque Empresarial Cristalia, Vía de los Poblados, 3, Madrid, Spain. 21st and 22nd May, 2015
2. **Aina, O.O.** (2016) Determination of Ld₅₀ of Carbendazim in *Clarias gariepinus* (African Catfish). *Proceedings of 41st Annual Conference of the Nigerian Society for Animal Production (NSAP)*. Federal University of Agriculture, Abeokuta, Ogun State, Nigeria, March 20–24, 2016. Pages 595-597



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