

**2017 PROMOTION EXERCISE**  
**CURRICILUM VITAE**  
*(Academic)*

- I. (a) **Name:** Sokunbi, Olujide Adedamola  
 (b) **Date of Birth:** 18 April, 1967  
 (c) **Department:** Animal Science  
 (d) **Faculty:** Agriculture
- II. (a) **First Academic Appointment:** Assistant Lecturer, 7 July, 1998  
 (b) **Present Post:** Senior Lecturer, 1 October, 2007  
 (c) **Date of Last Promotion:** 1 October 2007
- III. **University Education:**  
 (a) University of Ibadan, Ibadan 1986 - 1991  
 (b) University of Ibadan, Ibadan 1992 - 1994  
 (c) University of Ibadan, Ibadan 1994 - 2007
- IV. **Academic Qualification:**  
 (a) BSc Animal Science (Ibadan) September 1991  
 (b) MSc Animal Science (Ibadan) October 1991  
 (c) PhD Animal Physiology (Ibadan) September 2007
- V. **Professional Qualifications and Diplomas:** Nil
- VI. **Scholarships, Fellowships and Prizes:**  
 Raymond Zard Award for Postgraduate Studies 1994
- VII. **Honours, Distinctions and Membership of Learned Societies:**  
 (a) Registered Animal Scientist, Nigerian Institute of Animal Science  
 (b) Member, Animal Science Association of Nigeria  
 (c) Member, Nigerian Society of Animal Production  
 (d) Member, Nigerian Society for Experimental Biology
- VIII. **Details of Teaching Experience at University Level:**

**Courses Taught:**

<b><u>Course Code</u></b>	<b><u>Title</u></b>	<b><u>Units</u></b>	<b><u>Class Size</u></b>
(a) <i>Undergraduate</i>			
ANS 210	Introduction to General Agriculture (Animals)	2	450
ANS 311	Physiology of Reproduction and Growth	2	
ANS 410	Animal Husbandry Techniques	2	
ANS 514	Bioclimatology of Farm Animals	2	
ANS 518	Artificial Insemination in Farm Animals	2	
ABN 524	Nutrition and Physiological Process	2	

ANS 590	Undergraduate Research Seminar	2
ANS 599	Undergraduate Research Project	4
GES 105	Agriculture, Renewable Natural Resources, Animal Husbandry and Health	2

(b) *Postgraduate*

APB 720	Advances in Structure and Physiology of Farm Animals' Cells and Concepts of Chemical Messengers	3
APB 722	Physiology of Reproduction in Farm Animals	3
APB 723	Advanced Reproductive Technology in Farm Animals	3
APB 724	Body Fluids and Physiology of their Circulation	3
APB 725	Practical Techniques in Animal Physiology	3
APB 726	Environmental Physiology and Bioclimatology	3
APB 727	Physiology of Lactation	3
APB 728	Physiology of Hormone Action	3
APM 714	Farm Animal Housing and Environmental Management	3
ANS 701	Seminar Presentations and Research Reporting	2
ANS 799	Project	6

(c) **Students' Project/Thesis Supervision:**

B. Agric.	48
M. Sc.	52
Ph. D.	9

(d) **Administrative Responsibilities:**

- (i) Coordinator, Animal Production Venture, U. I. , Ibadan (2013 – 2015)
- (ii) Faculty Coordinator, Distance Learning Programme (2010 – 2013)
- (iii) Chairman, Environmental and Facility Committee, Animal Sc. Department (2006 – Date)
- (iv) Member, Laboratory Committee, Animal Sc. Department (1999 - Date)

(e) **Community Service:**

- (i) Secretary, Otuneye Community Residents' Association (2008 – Date)
- (ii) Chairman, Committee on Projects, Abadina College Old Students Association (2010 – Date)

## IX. Research:

### (a) Completed

- (i) Evaluation of neem (*Azadirachta indica*) leaf meal suitability as feed ingredients for rabbits and swine, and its effects on growth, physiological functions and reproduction. Results of the analysis of the neem leaf meal and the response of rabbits and swine to its inclusion in their diets pointed to its potential as an alternative feed source. Inclusion of neem leaf meal up to 10 % in growing rabbits' diets indicated no deleterious effect on haematological, serum biochemical parameters and enzyme activities. Also, similar responses at the same level of neem leaf meal inclusion were observed from weanling and pre-pubertal female pigs. Findings have already been published.
- (ii) A study into the potential of utilizing an unconventional ingredient, neem (*Azadirachta indica*) kernel as partial replacement for maize in swine diets was carried out. The general conclusion was that neem kernel can be included up to 100 g/kg in swine diets without deleterious effects on the performance and physiological status of pigs. Findings have already been published.
- (iii) Acetylcholinesterase activity (AChE) and total protein concentrations in the brain and hypophyses of Red Sokoto goats and Gudali cattle. The studies provided evidence of genetic control of AChE concentrations and total protein in the brain centres modulating basic reflex, body metabolism, intellect functions and fertility. Findings have already been published.
- (iv) Pre- and post-pubertal variations in the distribution of AChE activity in the brain regions and hypophyses of rabbits. This study has established regional variations in AChE activities in the rabbit brain regions and has also characterised testosterone effects in the brain regions and hypophyses of rabbits. Findings have already been published.
- (v) A preliminary investigation into the morphometric and biochemical characteristics of the female reproductive tract of post pubertal West African Dwarf goats. Field observations during the collection of samples for this study indicated that pregnant does were slaughtered more often than non-pregnant does. There were similarities between the Total Protein concentrations of the cervical, uterine and vaginal flushings, while there was no consistent pattern of variation in concentration of the evaluated biochemical constituents along the reproductive tracts for the follicular, luteal and pregnant phases.
- (vi) Investigation of the relationships between body weight, body linear measurements and reproductive abilities of rabbits (*Oryctolagus cuniculus*) bucks in an effort to carry out their phenotypic characterization and derive prediction equations for live weight from the various body linear measurements and help rabbit breeders in the selection process. Results indicated positive and highly significant correlation between some of the body

linear measurements, live weight and reproductive characteristics of rabbit bucks. Findings have already been published.

**(b) In Progress**

- Research into potentials of extracts from botanicals as extending materials for semen from porcine, caprine and poultry. Selected botanicals' antibiotic, antioxidant and buffering capabilities are being investigated by evaluating the effects of their extracts using different organic solvents, on semen quality and spermatozoa fertilizing potentials. Also, studies are on-going to correlate appropriate and easily reproducible in vitro techniques available for evaluating fertilizing ability of extended spermatozoa and actual in vivo results. Findings so far (in dissertations and thesis) indicate promising outcomes.

**(c) Project, Dissertation and Thesis**

- Performance and Physiological Response of Swine to Diets Containing Whole Neem (*Azadirachta indica* A.Juss) kernel (2007). **Ph.D. Thesis** of the Department of Animal Science, University of Ibadan.
- Physiological Response of Cocks to Diets Containing *Azadirachta indica*: Haematology and Sperm Production (1994). **M.Sc. Dissertation** of the Department of Animal Science, University of Ibadan.

## X. Publications:

### (a) Books or chapter in books already published:

- \*1. Babayemi, O.J, Abu, O.A. and **Sokunbi, O. A.** (2002): *Introduction to Agricultural Biochemistry*. Ibadan: External Studies Programme. 90pp. ISBN 978-021-075-x. (Nigeria) (Contribution: 30%).
2. Adejumo, D.O. and **Sokunbi, O.A.** (2006). *Artificial Insemination in Farm Animals*. Ibadan: Distance Learning Centre Series. 100pp. ISBN 978-021-224-8. (Nigeria) (Contribution: 60%).
- \*3. Faniyi, G.E., Adeoluwa, O.O., **Sokunbi, O.A.** Adeagbo, J.O. (Eds). (2013). *Essentials of Modern Agricultural Practices for Post-Secondary Institutions*. Oyo: GTPP. ISBN 978-978-933-026-3. (Nigeria) (Contribution: 25%).

### (b) Chapters in Books already published:

- \*4. Ologhobo A.D., Iyayi, E.A. and **Sokunbi, O.A.** (2013). Livestock Production in the Tropics. In *Agriculture, Renewable Natural Resources, Animal Husbandry and Health*. Ibadan: General Studies Programme. 39-58pp. ISBN 978-066-450-9. (Nigeria) (Contribution: 40%).

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

5. **Sokunbi, O.A.**, Adisa, G.O. and Egbunike, G.N. (1999): Reproductive Performance of Exotic and Local Cocks Fed Diets Containing Whole Neem (*Azadirachta indica*) Kernels. In Ologhobo, A.D., Egbunike, G.N., Adewumi, M.K., Bamgbose, A.M., Iyayi, E.A. and Adesehinwa, A.O.K. (Eds). *Sustainability of Nigerian Livestock Industry in 2000 AD.*: Proceedings of the 4th Annual Conference of the Animal Science Association of Nigeria. 14-16, September 1999. Ibadan. 201-204pp. (Nigeria) (Contribution: 60%).
6. **Sokunbi, O.A.** and Egbunike, G.N. (2000). The Performance of Growing Rabbits Fed Diets Containing Sun-Cured Neem (*Azadirachta indica*) Leaf Meal. In Oji, U.I. and Mgbere, O.O. (Eds). *Re-Inventing Animal Production in the 21st Century*: Proceedings of the 5th Annual Conference of the Animal Science Association of Nigeria. 19-22, September 2000. Port Harcourt. 113-116pp. (Nigeria) (Contribution: 80%).
7. Abdullah, A.R., **Sokunbi, O.A.**, Omisola, O.O. and Adewumi, M.K. (2003). Interrelationships between Body Weight and Body Linear Measurements in Domestic Rabbit (*Oryctolagus cuniculus*). In Taiwo, A.A., Raji, A.M., Ogbonna, J.U. and Adebowale, E.A. (Eds). *Nigerian livestock: A guideline for economic growth and food security*: Proceedings of the 35th Annual Conference of the Nigerian Society for Animal Production. 14-17, March 2003. Ibadan. 133-136pp. (Nigeria) (Contribution: 30%).

8. **Sokunbi, O.A.**, Egbunike, G.N., Salako, A.O. and Bobadoye, A.O. (2003): The Performance of Pre-Pubertal Female Swine Fed Diets Containing Sun-Cured Neem (*Azadirachta indica*) Leaf Meal. In Olatunji, E.A., Ayanwale, B.A., Shiawoya, E.L. and Aremu, A. (Eds). *Sustainable Livestock Productivity and National Development: The Holistic Approach*: Proceeding of the 8th Annual Conference of Animal Science Association of Nigeria. 15-18 September, 2003. Minna. 28-31pp. (Nigeria) (Contribution: 50%).
- \*9. Adejumo, D.O., Ladokun, A.O. and **Sokunbi, O.A.** (2004): Comparison between acetylcholinesterase activity in the brain regions of Gudali bulls and red Sokoto bucks. In Ogunji, J.O., Osakwe, I.I., Ewa, V.U., Alaku, S.O., Otuma, M.O. and Nweze, B.O. (Eds). *Self Sufficiency of Animal Protein in Nigeria: A Reality or Mirage*: Proceedings of the 9th Annual Conference of Animal Science Association of Nigeria. 13-16 September, 2004. Abakaliki. 246-247pp. (Nigeria) (Contribution: 30%).
10. Osobu, G.O., Egbunike, G.N., **Sokunbi, O.A.** and Ladokun, A.O. (2005). The Performance of Pre-Pubertal Male rabbits Fed Diets Containing Sun-cured Neem (*Azadirachta indica*) Leaf Meal. In Dairo, F.A.S., Fajemilehin, S.O.K. and Onibi, G.E. (Eds). *The Potential and Limitations to Self Sufficiency in Livestock Production in Nigeria*: Proceedings of the 10th Annual Conference of Animal Science Association of Nigeria. 12-15, September 2005. Ado-Ekiti. 289-291pp. (Nigeria) (Contribution: 30%).
- \*11. Adejumo, D.O., Ladokun, A.O., Ososanya, T.O., Sokunbi, O.A. and Akinfemi, A. (2005). Haematology and Serum Biochemical Changes in Castrated and Intact Male Weaner Pigs Administered Testosterone Enanthate. In Dairo, F.A.S., Fajemilehin, S.O.K. and Onibi, G.E. (Eds). *The Potential and Limitations to Self Sufficiency in Livestock Production in Nigeria*: Proceedings of the 10th Annual Conference of Animal Science Association of Nigeria. 12-15, September 2005. Ado-Ekiti. 93-95pp. (Nigeria) (Contribution: 20%).
- \*12. Ewuola, E.O., **Sokunbi, O.A.**, Adebisi, A.O., Lawal, T.T. and Akangbe, O.O. (2009). Physiological Response of Growing Cockerels to Dietary Fossil Shell Flour. In Akinlade J.A., Olayemi, T.B., Rafiu, T.A., Akinwumi, A.O., Aderinola O.A., Ojebiyi, O.O. and Odunsi, A.A. (Eds.). *Global Economic Recession and the Challenges to Livestock Production in Nigeria*: Proceeding of the 14th Annual Conference of Animal Science Association of Nigeria. 14-17 September, 2009. Ogbomosho. pp. (Nigeria) (Contribution: 20%).
- \*13. Alaba, O., **Sokunbi, O.A.** and Ewuola, E.O. (2010). Assessment of pH of boar's semen extended with Zobo (*Hibiscus sabdariffa* L). In Babayemi, O.J., Abu, O.A. and Ewuola, E.O. (Eds). *Fast-tracking Animal Agriculture in a Challenged Economy*: Proceedings of the 35th Annual Conference of

the Nigerian Society of Animal Production. 14–17, March 2010. Ibadan. 166-168pp. (Nigeria) (Contribution: 40%).

- \*14. **Sokunbi, O.A.** (2010). Reproductive Potential of Pubertal Gilts Fed Dietary Neem (*Azadirachta indica* A. Juss) kernel. In Babayemi, O.J., Abu, O.A. and Ewuola, E.O. (Eds). *Fast-tracking Animal Agriculture in a Challenged Economy: Proceedings of the Annual Conference of the Nigerian Society of Animal Production*. 14–17, March 2010. Ibadan. 172-174pp. (Nigeria) (Contribution: 100%).
- \*15. Ewuola, E.O., **Sokunbi, O.A.**, Imam, T.K. and Amadi, C.U. (2011). Influence of Dietary Prebiotics and Probiotics on Blood Profile of Rabbits. In Adeniyi, A.A., Olatunji, A. and Gana, E.S. (Eds). *Value Re-orientation in Animal Production: A key to National Food Security and Stable Economy: Proceedings of the 36th Annual Conference of the Nigerian Society for Animal Production*. 13-16 March, 2011. Abuja. 132-134pp. (Nigeria) (Contribution: 30%).
- \*16. Majekodunmi, B.C., Ogunwole, O.A., **Sokunbi, O.A.** and Ewuola, E.O. (2013). Effect of sodium bicarbonate and ascorbic acid on the erythrocytic indices of broiler chickens during hot period in Nigeria. In (Eds). : *Proceedings of the 4th Nigeria International Poultry Summit*. 17-21 February, 2013. Abeokuta. pp. (Nigeria) (Contribution: 25%).
- \*17. Idahor, K.O., Osaiyuwu, O.H., **Sokunbi, O.A.** and Jibrin, M. (2016). Utilization of whole sweet potato tuber flour as blood and semen glucose enhancer in commercial cocks. In Oluwatosin, O.O., Sowande, O.S., Olowofeso, O., Egbeyale, L.T., Adeleye, O.O., Njoku, C.P., Osofowora, A.O. and Sanda, A.J. *New Technologies for Enhanced Animal Production in Nigeria: Proceeding of the 41st Conference of Nigeria Society for Animal Production*. 20-24 March, 2016. Abeokuta. 840-843pp. (Nigeria) (Contribution: 25%).
- \*18. Idahoh, K.O., Yakubu, A., **Sokunbi, O.A.**, Osaiyuwu, O.H., Jibrin, M., Yakubu, A.E., Bello, A.Y., Musa, Y. and Musa, A. (2016). Proximate Composition of Shea Nut Meal, its Inclusion in Grower Rabbit Diets and Elicited Physiological Responses. In Qin, Y., Li, F. and Gidenne, T. (Eds): *Proceedings of the 11th World Rabbit Congress*. 15-18 June, 2016. Qingdao. 411-414pp. (China) (Contribution: 10%).

(d) Patents: Nil

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

- 19. **Sokunbi, O.A.** and Egbunike, G.N. (2000). Physiological Response of Growing Rabbits to Neem (*Azadirachta indica*) Leaf Meal Based Diets:

Haematology and Serum Biochemistry. *Tropical Animal Production Investigation*. Vol. 3: 81-87. (Nigeria) (Contribution: 80 %).

20. **Sokunbi, O.A.**, Egbunike, G.N., Salako, A.O. and Bobadoye, A.O. (2002). Biochemical and Haematological Responses of Weanling Female Pigs Fed Diets Containing Sun - Cured Neem (*Azadirachta indica*) Leaf Meal. *Tropical Animal Production Investigation*. Vol. 5: 1-8. (Nigeria) (Contribution: 50 %).
21. **Sokunbi, O.A.**, Egbunike, G.N., Osobu, G.O. and Ladokun, A.O. (2004). Performance and Haematological Response of Pre-Pubertal Large White Female Swine Fed Diets Containing Sun-Cured Neem (*Azadirachta Indica* A. Juss) Leaf Meal. *Tropical Animal Production Investigation*. Vol. 7 No 1: 1-8. (Nigeria) (Contribution: 50%).
22. Adewumi, M.K., **Sokunbi, O.A.**, Adejumo, D.O., Omojola, A.B. and Anurudu, N.F. (2004): Effect of Different Fibre Sources on Performance and Physiological Response of Pre - Pubertal Male Rabbits. *Tropical Journal of Animal Science*. Vol. 7 No. 1: 33-40. (Nigeria) (Contribution: 30%).
23. Adewumi, M.K., **Sokunbi, O.A.**, Adebunmi, A.I., Aderemi, F.A., Oke, T.O. and Aderolu, Z. (2004): Response of Growing Rabbits Fed High Fibre Diets Supplemented With an Exogenous Enzyme. *Tropical Animal Production Investigation*. Vol. 7 No. 1: 61-70. (Nigeria) (Contribution: 25%).
24. Adejumo, D.O., **Sokunbi, O.A.** and Ladokun, A.O. (2005): Sex Differences in Acetylcholinesterase Activity and Total Protein in the Brain and Hypophyses of the Red Sokoto Bucks and Does. *Asset Series A*. Vol. 5 No. 1: 121-127. (Nigeria) (Contribution: 40%).
25. Adejumo D.O., Ladokun A.O. and **Sokunbi, O.A.** (2005). Species differences in acetylcholinesterase activity and total protein concentrations in the brain and hypophyses of Red Sokoto goats and Gudali cattle. *Journal of Tropical Agriculture and Veterinary Medicine*. Vol. 1. No. 1. 1-8. (Nigeria) (Contribution: 30%).
26. Adejumo, D.O., **Sokunbi, O.A.** and Ladokun, A.O. (2006). Pre- and Post-pubertal Variations in the Distribution of Acetylcholinesterase Activity in the Brain regions and Hypophyses of Rabbits. *Journal of Tropical Agriculture and Veterinary Medicine*. Vol. 1 No. 2: 25-30. (Nigeria) (Contribution: 40%).
27. Ladokun, A.O., Egbunike, G.N., Adejumo, D.O. and **Sokunbi, O.A.** (2006): The Effect of Three Dietary Crude Protein Levels on Digestibility and Testis Function in Pubertal Rabbits. *Tropicultura*. Vol. 24 No. 1: 3-6. (Belgium) (Contribution: 30%).



- \*28. **Sokunbi, O.A.** (2007). Growth Performance and Carcass Attributes of Pubertal Boars Fed Dietary Neem (*Azadirachta indica* A. Juss) Kernel. *Tropical Animal Production Investigation*. Vol. 10 No. 1: 11–16. (Nigeria) (Contribution: 100%).
- \*29. Ladokun, A.O., Yakubu, A., Otite, J.R., Omeje, J.N., **Sokunbi, O.A.** and Onyeji, E. (2008). Haematological and Serum Biochemical indices of Naked Neck and Normally Feathered Nigerian Indigenous Chickens in a Sub Humid Tropical Environment. *International Journal of Poultry Science*. Volume 7 No. 1: 55-58. (Pakistan) (Contribution: 20%).
- \*30. Ewuola, E.O., **Sokunbi, O.A.**, Ogunlade, J.T., Gbore, F.A. and Egbunike, G.N. (2008). Semen Characteristics of Rabbits Fed Different Levels of Dietary Fumonisin B<sub>1</sub>. *Tropical Journal of Animal Science*. Vol. 10 (Supplement): 10-15. (Nigeria) (Contribution: 30%).
- \*31. **Sokunbi, O.A.** (2008). Growth and Reproductive Potential of Pubertal Boars Fed Dietary Neem (*Azadirachta indica* A. Juss) Kernel. *Tropical Animal Production Investigation*. Vol. 11 No. 1: 1–6. (Nigeria) (Contribution: 100%).
- \*32. Adebisi, O. A., **Sokunbi, O. A.** and Ewuola, E.O. (2009). Performance Evaluation and Bone Characteristics of Growing Cockerel Fed Diets Containing Different Levels of Diatomaceous Earth. *Middle Eastern Journal of Research*. Vol. 4 No. 1: 36-39. (Pakistan) (Contribution: 40%).
- \*33. **Sokunbi, O.A.** and Egbunike, G.N. (2009). Haematological Response of Growing Male Pigs Fed Dietary Neem (*Azadirachta indica* A. Juss) Kernel. *Tropical Animal Production Investigation*. Vol. 11 No. 1: 7-13. (Nigeria) (Contribution: 80%).
- \*34. Udoh, E.P., Egbunike, G.N. and **Sokunbi, O.A.** (2010): Morphometric and Biochemical Characteristics of the Female Reproductive Tract of Post Pubertal West African Dwarf Goats: A Preliminary Investigation. *Nigerian Journal of Agriculture, Food and Environment*. Vol. 6 No. 1&2: 6-12. (Nigeria) (Contribution: 30%).
- \*35. Ogunwale, O.A., Abu, O.A., **Sokunbi, O.A.** and Asiruwa, P.O. (2010): Effects of Dietary Acidifier-Based Diet on Haematology and Serum Biochemical Indices of Broilers. *African Journal of Livestock Extension*. Vol. 8: 47-53. (Nigeria) (Contribution: 30%).
- \*36. **Sokunbi, O.A.** and Egbunike, G. N. (2010). Influence of Dietary Neem (*Azadirachta indica* A. Juss) Kernel on Serum Biochemical Components of

Growing Male Pigs. *Tropical Animal Production Investigation*. Vol. 12 No. 1: 1–6. (Nigeria) (Contribution: 80%).

- \*37. Ladokun, A.O., Otite, J.R., Sokunbi, O.A., Joel, S., Akinfemi, A. and Adejumo, D.O. (2011). Growth Performance of Cockerels Administered Crude Follicular and Testicular Fluids. *Journal of Agriculture, Forestry and Social Sciences*. Volume 9 No. 2: pp. (Turkey) (Contribution: 20%).
- \*38. Akintunde, A.O., Omole, C.A., **Sokunbi, O.A.**, Lawal, T.T., Alaba, O. (2011). Response of growing pigs to diet physical form and Allzyme<sup>®</sup> SSF supplementation in palm kernel meal-based diet. *Animal Production*. Vol. 13: 69–75. (Indonesia) (Contribution: 30%).
- \*39. Majekodunmi, B.C., Ogunwale, O.A. and **Sokunbi, O.A.** (2012). Effect of Supplemental Electrolytes and Ascorbic Acid on the Performance and Carcass Characteristics of Broiler raised During High Temperature Period in Nigeria. *International Journal of Poultry Science*. Vol. 11 No. 2: 125-130. (Turkey) (Contribution: 30%).
- \*40. Ladokun, A.O., Otite, J.R., **Sokunbi, O.A.**, Joel, S., Akinfemi, A., Oke, O.E. and Adejumo, D.O. (2012). Volumetric proportion of spermatogenic element of cockerels administered different dietary crude hormonal extract. *Nigerian Poultry Science Journal*. Vol. 8: 77-82. (Nigeria) (Contribution: 25%).
- \*41. Majekodunmi, B.C., **Sokunbi, O.A.**, Ogunwale, O.A. and Adebisi, O.A. (2013). Influence of electrolytes and ascorbic acid supplementation on serum and erythrocytic indices of broiler chickens reared in a hot environment. *African Journal of Agricultural Research*. Vol. 8 No. 8: 701-706. () (Contribution: 40%).
- \*42. Otite, J.R., **Sokunbi, O.A.**, Ladokun, A.O. and Adejumo, D.O. (2013): The use of chloroquine phosphate as a means of regenerating post thawed canine spermatozoa. *Journal of Agricultural Sciences*. Vol. 1 No. 5: 89-93. (Canada) (Contribution: 30%).
- \*43. Amao, E.A., Olajire, O.A. and **Sokunbi, O.A.** (2013). Testicular characteristics and daily sperm production of rabbit bucks fed diets containing neem (*Azadirachta indica* A. Juss) rind meal. *Greener Journal of Agricultural Sciences*. Vol. 3 No. 8: 623-627. (Nigeria) (Contribution: 30%).
- \*44. Majekodunmi, B.C., Ogunwale, O.A. and **Sokunbi, O.A.** (2014). Physiological Response of Heat Stressed Broiler Chicken to Supplemental Electrolytes and Ascorbic Acid. *Bulletin Animal Health and Production in Africa*. Vol. 62 No. 4: 331-338. (Kenya) (Contribution: 30%).

- \*45. Ewuola, E.O., Adebisi, O.A. and **Sokunbi, O.A.** (2014). Haematological and Some Biochemical Response of Growing Cockerels to Dietary Diatomaceous Earth. *Journal of Animal Science Advances*. Vol. 4 No. 1: 699-704. (United Kingdom) (Contribution: 30%).
- \*46. **Sokunbi, O.A.**, Ajani, O.S., Lawanson, A.A. and Amao, E.A. (2015). Antibiotic potential of moringa leaf (*Moringa oleifera* Lam.) crude extract in bull semen extender. *European Journal of Medicinal Plant*. Vol. 9 No. 2: 1-8. (India) (Contribution: 60%).
- \*47. Ewuola, E.O., **Sokunbi, O.A.**, Sanni, K.M., Oyedemi, O.M. and Lawal, T.T. (2015). Haematological and serum biochemical responses of rabbit does to crude *moringa oleifera* leaf extract at gestation and lactation. *Tropical Animal Health and Production*. Vol. 47 No. 4: 637-642. (Netherlands) (Contribution: 25%).
- \*48. Olarotimi, O.J., **Sokunbi, O.A.** and Abdullah, A. (2015). Determination of daily sperm production (DSP) in rabbit (*Oryctolagus cuniculus*) bucks using testicular parameters. *Greener Journal of Agricultural Sciences*. Vol. 5 No. 4: 141-148. (Nigeria) (Contribution: 40%).
- \*49. Majekodunmi, B.C., Ogunwole, O.A. and **Sokunbi, O.A.** (2015). Synergistic effect of electrolytes and ascorbic acid on performance and physiological response of broiler birds in hot humid tropics. *International Journal of Agriculture and Forestry*. Vol. 5 No. 1: 23-29. (United States of America) (Contribution: 30%).
- \*50. Majekodunmi, B.C., Ogunwole, O.A. and **Sokunbi, O.A.** (2016). Plasma corticosterone and adrenal gland histomorphometry of heat stressed broiler chickens given supplementary electrolytes or vitamin C. *Archivos de zootecnia*, Vol. 65 No. 252: 535-540. (Spain) (Contribution: 30%).

- (f) Books, Chapters in Books and Articles already accepted for publication Nil
- (g) Technical Report and Monograph: Nil

**XI. Major Conferences/Workshop Attended With Papers Red ( in the last 5 years):**

The 4th Nigeria International Poultry Summit held at Abeokuta on the 17th to 21<sup>st</sup> of February, 2013.

**Effect of sodium bicarbonate and ascorbic acid on the erythrocytic indices of broiler chickens during hot period in Nigeria**

The 5th ASAN-NIAS JAM Conference held at Port Harcourt on the 18th to 21st of September, 2016.

***In vitro* Comparative Anthelmintic Efficacy of Methanol Extract of *Adansonia digitata* and *Momordica charantia* on Helminth of Indigenous Chicken in Nigeria**

International Centre for Biotechnology Swine Reproduction Management Workshop, held at Minitube International Centre for Biotechnology, Verona on 11-12, November 2010.

**Automation Processes in Swine Semen Collection and Processing**

Expert Round Table Engagement on Livestock Semen Collection and Preservation Protocols in Nigeria, held at Abuja on 10-11, May 2017

**Status, Best Practices and Success Stories in the Collection and Preservation of Swine semen and other genetic resources in Nigeria**

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

1. **Sokunbi, O.A.** (2007). Growth Performance and Carcass Attributes of Pubertal Boars Fed Dietary Neem (*Azadirachta indica* A. Juss) Kernel. Trop. Anim. Prod. Invest. 10 (1): 11 – 16. (Nigeria)
2. **Sokunbi, O.A.** (2008). Growth and Reproductive Potential of Pubertal Boars Fed Dietary Neem (*Azadirachta indica* A. Juss) Kernel. Trop. Anim. Prod. Invest. 11 (1): 1 – 6. (Nigeria)
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**Name:** Olujide Adedamola SOKUNBI

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