

Personal Information:

Name: ODUTAYO Olusola Joshua

Date of Birth: October 20, 1986

Place of Birth: Lagos Mainland, Lagos State.

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Qualification: PhD.

Awards/Grant won:

- i. Nigeria Animal Science Students' Association Award for Best Graduating Student in the College of Animal Science and Livestock Production, Federal University of Agriculture, Abeokuta, Ogun State. 2012/2013 Academic Session
- ii. University Prize and Award for the Best All Round Graduating Student in Federal University of Agriculture, Abeokuta, Ogun State. 2012/2013 Academic Session
- iii. Certificate of Participation in the "Second Edition of Senator Adegbeniga Kaka Interschool Quiz Competition" held at University of Ibadan, Oyo State. 2012
- iv. Nigerian Institute of Animal Science Award for the overall best student in Poultry Discipline in 2015 Graduate Animal Scientist Examination.
- v. 2021 TETFund-NRF Research grant: In ovo feeding of exogenous aromatase and aromatase inhibitor for sex reversal in egg-type chickens (Co-Investigator)

Research conducted:

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- i. In ovo arginine injection: its influence on duodenal villi, gastrointestinal development and haemato-biochemical indices of FUNAAB-ALPHA chickens
- ii. Influence of cinnamon (*Cinnamomum cassia*) powder dietary additive on jejunal histomorphometry, growth performance, haemato-biochemical indices, carcass traits and breast meat lipid profile of broiler chickens

Conferences attended:

- i. 20 th Annual Conference of the Animal Science Association of Nigeria (ASAN-NIAS) held at University of Ibadan, Oyo State, Nigeria. September, 6-10, 2015.

Paper presented: Effect of varying litter depths on growth performance and linear body measurements of locally adapted turkey poults.

- ii. 41 st Annual Conference of the Nigerian Society for Animal Production (NSAP) held at Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. March 20-24, 2016.

- iii. The 44 th Annual Conference of the Nigerian Society for Animal Production (NSAP) held at University of Abuja, Abuja, Nigeria. March 17-21, 2019.

Paper presented: Growth performance, blood profile and cost benefits of finisher broiler chickens fed diets containing sweet potato tuber meal as partial substitute for maize.

Publications:

1. Sogunle, O. M., Safiyu, K. K., Amusa, A. O. and Odutayo, O. J. 2016. Comparison of carcass yield and meat composition of three classes of chicken. *Nigerian Journal of Animal Production*, 43 (1): 192-198. Published by Nigeria Society for Animal Production.
2. Odutayo, O. J., Sogunle, O. M., Adeyemi, O. A., Sonibare, A. O., Oluwayinka, E. B., Ekunseitan, D. A. and Safiyu, K. K. 2016. Effects of dietary supplemental vitamins and periods of administration on growth performance and antibody titre of broiler chickens vaccinated against Newcastle disease. *Malaysian Journal of Animal Science*, 19 (2): 47-56. Published by Malaysian Society of Animal Production.
3. Odutayo, O. J., Sogunle, O. M., Adeyemi, O. A. and Sonibare, A. O. 2016. Vitamins and administration periods effects on haematological parameters of broiler chickens vaccinated against

Newcastle disease. *Bulletin of Animal Health and Production in Africa*, 64 (4): 413-422. Published by African Union: African Journals Online. Available online at <http://www.ajol.info/index.php/bahpa>.

4. Sogunle, O. M., Odutayo, O. J., Aremu, S. T., Safiyu, K. K. and Iyanda, A. I. 2017. Effects of two feed forms on the growth performance, carcass yield and duodenal villus morphology of locally-adapted turkeys. *Bulletin of Animal Health and Production in Africa*, 65 (1): 117-123. Published by African Union: African Journals Online. Available online at <http://www.ajol.info/index.php/bahpa>.

5. Sogunle, O. M., Ayoade, A. A., Fafiolu, A. O., Bello, K. O., Ekunseitan, D. A., Safiyu, K. K. and Odutayo, O. J. 2017. Evaluation of external and internal traits of eggs from three poultry species at different storage durations in tropical environment. *Nigerian Journal of Animal Science*, 19 (2): 177-189. Published by Animal Science Association of Nigeria (ASAN).

6. Ekunseitan, D. A., Ekunseitan, O. F., Odutayo, O. J. and Adeyemi, P. T. 2017. Pleurotus Ostreatus: Its effect on carcass, serum metabolites and meat lipoprotein content of broiler chickens. *Pertanika Journal of Tropical Agricultural Science*, 40 (4): 629-638. Published by Universiti Putra Malaysia. Available online at <http://www.pertanika.upm.edu.my/> Index in Scopus

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7. Sogunle, O. M., Odutayo, O. J., Osidina, M. O., Safiyu, K. K. and Ogundele, M. A. 2018. Effects of brooding heat sources on growth performance and cost of feed utilization of two strains of broiler chickens. *Bulletin of Animal Health and Production in Africa*, 66 (4): 803-809. Published by African Union: African Journals Online. Available online at <http://www.ajol.info/index.php/bahpa>.

8. Safiyu, K. K., Sogunle, O. M., Egbeyale, L. T., Shittu, T. A., Odutayo, O. J., Mustapha, J and Elangovan, A. V. 2019. Evaluation of growth traits and tibiae health in sexed indigenous turkeys with different feather colours under deep litter and outdoor run houses. *Bulletin UASVM Veterinary Medicine*, 76(1):44-54.

9. Sogunle, O. M., Olutayo, A. J., Odutayo, O. J., Oso, O. A., Sobukola, O. P., Safiyu, K. K. and Elangovan, A. V. 2019. Effects of in ovo injection of amino acids on hatching performance, cell-mediated immunity and blood profile of FUNAAB Alpha broiler chickens. *Nigerian Journal of Animal Production*, 46(4): 59-72. Published by Nigeria Society for Animal Production.

10. Odutayo, O. J., Sogunle, O. M., Safiyu, K. K., Olasupo, O. O. and Olaifa, R. O. 2019. Performance

of finisher broiler chickens fed diets containing unpeeled sweet potato meal as partial substitute for maize.

Nigerian Journal of Animal Production, 46 (5): 120-129. Published by Nigeria Society for Animal Production.

11. Adeyolanu, O. J., Sogunle, O. M., Adeyemi, O. A., Abiona, J. A., Odutayo, O. J., Safiyu, K. K. and Onunkwor, B. O. 2019. Growth performance, blood profile and gut microflora of broiler chickens on different dosages of Baobab tree (*Adansonia digitata* L.) bark extract. *Tropical Agriculture*, 96: 61-73.

Published by The University of the West Indies St Augustine Campus. Index in Scopus

12. Odutayo, O. J., Sogunle, O. M., Adeyemi, O. A. and Sonibare, A. O. 2020. Influence of in ovo arginine feeding on hatching traits and post-hatch performance of FUNAAB-Alpha chickens in two housing types. *Tropical Animal Health and Production*, 52 (5): 2349-2357. Published by Springer Nature B.V. 2020. Available online at <http://doi.org/10.1007/s11250-020-02258-x> index in Scopus.

13. Sahr, William B. K., Odutayo, O. J., Sogunle, O. M., Ayo-Ajasa, O. Y., Fafiolu, A. O. and Fatunmbi, F. A. 2020. Effects of in ovo injection of inorganic salts of Zn, Cu and Mn on hatching traits and post-hatch performance of broiler chickens in the tropics. *Nigerian Journal of Animal Science*, 22 (1): 113-125. Published by Animal Science Association of Nigeria (ASAN).

14. Safiyu, K. K., Sogunle, O. M., Egbeyale. L. T., Morolayo, O. A., Odutayo, O. J and Shittu, T. A. 2020. The impacts of rearing system, sex and plumage colour on haemato-biochemical indices of Nigerian local turkey breeds (*Meleagris gallopavo*). *Tropical Agriculture*, 97 (1): 57-66. Published by The University of the West Indies St Augustine Campus. Index in Scopus

15. Odekunle, T. E., Safiyu, K. K., Odutayo, O. J., Sogunle, O. M., Adeyemi. O. A. and Jegede, A. V. 2021. Effect of different feed forms with or without Oyster mushroom inclusion (*Pleurotus ostreatus*) on egg production and egg quality of egg-type chickens. *Nigerian Journal of Animal Science*, 23 (2): 114-125.

16. Odutayo, O. J., Adeyemo, A. A., Ibigbami, D. J., Sogunle, O. M., Olaifa, R. O., Akinwale, O. A., Orebiyi, V. A., Ojebisi, V. A. and Joel, A. O. 2021. Influence of cinnamon (*Cinnamomum cassia*) powder as additive on jejunal histomorphometry, growth performance, haemato-biochemical indices, carcass traits

and breast meat lipid profile of broiler chickens. *Nigerian Journal of Animal Production*, 48 (6):167 -

