



Olajide Mark SOGUNLE is a Registered Animal Scientist and a Professor of Non-Ruminants Production and Management with over nineteen years cognate experience as an academic who has successfully supervised 106 undergraduate projects, 6 postgraduate diploma projects, 28 M. Agric. dissertations and 12 Ph.D. Theses as major supervisor. He has published 91 journal articles and 29 refereed conference proceedings up till date. He did his Postdoctoral Fellowship sponsored by DST, India at ICAR-NIANP, Bangalore, between 2016 and 2017, and a Research Fellowship of the Matsumae International Foundation, Tokyo, Japan tenable at the Faculty of Agriculture, Shinshu University, Nagano Prefecture. In

addition to his academic and professional qualifications, he has Certificates in Continuing Professional Development in Cooperative studies (1997), Effective Livestock Production with low use of Antibiotics from the Swedish University of Agricultural Sciences (SLU) on April 11, 2019, Introductory Policy Communication (2019), and Problem Solving and Critical Thinking Skills in the 2021.

Personal Information:

Name: SOGUNLE Olajide Mark

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Qualifications: Ph.D., Postdoc

Award/Grant won:

- i. 1987, Certificate of Participation in the 'National Young Scientist Competition' held In Port Harcourt, Nigeria (Represented Ogun State, Nigeria)
- ii. 1999-2000 A.G. (Egba) Leventis Scholarship Award for a two-year M. Agric. Programme
- iii. 2004-2005 A.G. (Egba) Leventis Scholarship Award for Ph.D. Programme
- iv. 2010 – UNAAB/IFSERAR/IRG50 Research Grant on Performance and carcass yield of two strains of cockerels on free-range production system.
- v. 2012 – Committee of Experts, *Archivos de Zootecnia* of the Institute of Animal Science, Faculty of Veterinary Medicine, Córdoba (Spain)
- vi. 2013 - TETFUND Research Grant on Ethno-veterinary interventions and phytobiotics options in contemporary and conventional poultry production systems (Team Member)
- vii. 2016 – Postdoctoral Fellowship Award by the Prestigious C V Raman International Fellowship for African Researchers, India
- viii. 2017 - Committee of Experts, *Archivos de Zootecnia* of the Institute of Animal Science, Faculty of Veterinary Medicine, Córdoba (Spain)
- ix. 2017 – Certificate of Excellence as a Member of Scientific Advisory Board, International Journal of Livestock Research
- x. 2019-2020 (Merged) TETFund Intervention in Institutional Based Research: Comparative effects of *in ovo* ascorbic acid and phytochemical on growth and physiological responses of broiler chickens under hot humid environment. (Co-Investigator)
- xi. 2020 – Research Fellowship of Matsumae International Foundation, Tokyo, Japan
- xii. 2021 TETFund-NRF Research grant: *In ovo* feeding of exogenous aromatase and aromatase inhibitor for sex reversal in egg-type chickens (Principal Investigator)

- xiii. 2021 TETFund-NRF Research grant: *Diversification of Egg Marketing and Pilot Scale Assessment of a Novel Egg Drying Technology in Nigeria* (Co-Investigator)

Research conducted:

- i. Performance and carcass characteristics of guinea fowls fed on different feeding frequencies.
- ii. Performance, blood parameters and faecal egg counts of cockerel chickens on free range and deep litter production systems (UNAAB/IFSERAR/IRG50).
- iii. The effects of inclusion of Oyster mushroom (*Pleurotus ostreatus*) in water on the growth performance, carcass yield, immune status and meat composition of poultry (broiler chickens and turkeys)
- iv. Ethno-veterinary interventions and phytobiotics options in contemporary and conventional poultry production systems (TETFUND Research Grant 2013)
- v. Hatchability, post-hatch growth performance, bone morphometry and immune response of broiler chickens on *in ovo* supplementation of inorganic salts of zinc, selenium, copper and their combination (Post-doctoral Research grant in India, 2016/2017)
- vi. Growth performance, gut-microbial ecology and immunological response of broiler chicken to *in ovo* administration of aqueous extract of oyster mushroom (*Pleurotus ostreatus*) – Research Fellowship in Japan

Conferences attended:

- i. The 1st World Congress on Innovations for Livestock Development held at Setrim Elementaita Lodge, Nakuru County, Kenya from 26th to 30th June, 2016.
Paper presented: Growth performance and immune status of Broiler Chickens on oral Administration of Oyster Mushroom Extract.
- ii. X Biennial Conference of Animal Nutrition Association on Newer Perspectives in Animal Nutrition Research for Augmenting Animal Productivity held at the College of Veterinary Science, Sri Venkateswara University, Tirupati, India from November 9-11, 2016
- iii. International Workshop on 21st Century Innovative Instructional Methods, Tools and Techniques, organized by Africa Centre of Excellence in Agricultural Development and Sustainable Environment (CEASESE), Federal University of Agriculture (FUNAAB), Nigeria in conjunction with Excel Educational Global Consult Limited, Houston Texas, USA from 13th to 17th August, 2018.
- iv. The second Africa-Israel dialogue on Agriculture and Technology for development held on Monday 29 October, 2018 at Olusegun Obasanjo Presidential Library, Abeokuta, Nigeria

Publications:

1. **Sogunle, O.M.**, Iyanda, A.I., Elemo, I.O. and Fanimu, A.O. 2006. The performance of broiler chicks fed on diets containing rice offal and cashew nut (*Anacardium occidentale* Linn) reject meal. **Archivos de Zootecnia**, 55 (211) : 273-280.
2. **Sogunle, O.M.**, Fanimu, A.O., Abiola, S.S. and Bamgbose, A.M. 2007. Growth response, body temperature and blood constituents of pullet chicks fed cassava peel meal supplemented with cashew nut reject meal. **Nigerian Journal of Animal Production**, 34 (1): 32-44.
3. **Sogunle, O.M.**, Fanimu, A.O., Abiola, S.S. and Bamgbose, A.M. 2009. Performance of growing pullets fed cassava peel meal diet supplemented with cashew nut reject meal. **Archivos de Zootecnia**, 58 (221): 23-31.
4. **Sogunle, O.M.**, Egbeyale, L.T., Alajo, O.A., Adeleye, O.O., Fafiolu, A.O., Onunkwor, O.B., Adegbite, J.A. and Fanimu, A.O. 2010. Comparison of meat composition and sensory values of two different strains of broiler chickens. **Archivos de Zootecnia**, 59 (226): 311-314.
5. **Sogunle, O. M.**, Olaniyi, O. A., Egbeyale, L. T., Akinola, O. S., Shittu, T. A., Abiola, S. S., Ladokun, A. O. and Sobayo, R. A. 2013. Free range and deep litter production systems: Effect on performance, carcass yield and meat composition of cockerel chickens. **Tropical Animal Health and Production**, 45 (1) 281 -288.

6. **Sogunle, O. M.**, Elangovan, A. V., David, C. G., Ghosh, J. and Awachat, V. B. 2018. Response of broiler chickens to *in ovo* administration of inorganic salts of zinc, selenium and copper, and their combination. ***Slovak Journal of Animal Science***, 51 (1): 9-18.
7. **Sogunle, O. M.**, Labinjo, O. S., Olanite, J. A., and Adebawale, A. A. 2019. Growth performance and blood profile of cockerel chickens on administration of oyster mushroom (*Pleurotus ostreatus*) in water and feed. ***Archivos de Zootecnia***, 68 (261): 24-30.
8. 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 (Trinidad)*, 96 (Commemorative Issue 95 Years): 61-73.
9. 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: 2349-2357.
10. Awachat, V. B., Elangovan, A. V., **Sogunle, O. M.**, David, C. G., Ghosh, J., Gowda, N. K. S., Bhanja, S. K. and Majumdar, S. 2020. Influence of *in ovo* and pre-starter zinc and copper supplementation on growth performance and gastrointestinal tract development of broiler chickens. *Acta Agriculturae Slovenica* 115 (2): 237-245.
11. 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 (*Meleagris gallopavo*) breeds. *Tropical Agriculture (Trinidad)*, 97 (1): 57-66.
12. Adeyolanu, O., **Sogunle, O.**, Adeyemi, O. and Abiona, J. 2021. Dosage effects of aqueous extracts of Baobab tree (*Adansonia digitata* Linn) bark on growth performance, blood profile, intestinal morphology and microflora of cockerel chickens. *Bulletin of University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca – Veterinary Medicine*, 78 (1): 18-27.
13. **Sogunle, O. M.**, Azeez, N. T., Safiyu, K.K., Irivboje, O. A., Adeyemi, O. A., Wheto, M., Odutayo, O. J. and Uyeno, Y. 2021.. Effect of *in ovo* and post-hatch administration of aqueous extract of oyster mushroom on immune response, tibiae morphometry and minerals, and bone marrow histology of broiler chickens. *Archivos de Zootecnia*, 70 (271): 284-290. 2021.
14. **Sogunle, O. M.**, Daini, O. E., Irivboje, O. A., Odutayo, O. J., Safiyu, K. K., Adebambo, A. O. and Adeyemi, O. A. 2022. Influence of *in ovo* administration of aqueous extract of oyster mushroom (*Pleurotus ostreatus*) on post-hatch performance of broiler chickens. *Nigerian Journal of Animal Production*, 49 (1) 131-140.
15. Olatunbosun, O. B., **Sogunle, O. M.**, Adetola, O. O., Odutayo, O. J., Ayodeji, T. M., Ayoola, A. A. and Abiona, J. A. 2022. *In ovo* feeding of organic salts of Zinc and Copper: Effects on growth performance and health status of two strains of broiler chickens. *Tropical Agric. (Trinidad)*, 99 (2): 146-165.
16. **Sogunle, O. M.**, Fagbamila, O. E., Ayo-Ajasa, O. Y., Sanda, A. J., Odutayo, O. J., Olatunbosun, O. B., Alamu, O. and Adegbite, J. A. 2022. Age and cage tiers: Effects on productive performance, blood profile and egg quality traits of egg-type chickens. *Nigerian Journal of Animal Science*, 24 (3): 28-42.
17. Opowoye, I. O., Aderibigbe, O. B., **Sogunle, O. M.**, Adeyemo, A. A. and Abiona, J. A. 2022. *Effect of pellet feed of different particle sizes and housing types on growth performance and blood profile of pullet chicks from weeks 4 to 12.* ***Archivos de Zootecnia***, 71 (276): 278-285.
18. Akosile, O. A., Majekodunmi, B. C., **Sogunle, O. M.**, Baloyi, J. J., Fushai, F. Bhebhe, E. and Oke, O. E. 2023. Research Note: Responses of broiler chickens to *in ovo* feeding with clove and cinnamon extract under hot-humid environments. *Poultry Science*, 102:102391.

19. Safiyu, K. K., Akinsola, K. L., Ibedu, A. J., Ariwodo, C. E., Onabanjo, R. S. and **Sogunle O. M.** 2023. Effect of citrus-coconut electrolyte blend on growth performance, haemato-biochemical status, organs development and intestinal morphology of broiler chickens. *Tropical Animal Health and Production*, 55:56, 3-9.
20. **Sogunle, O. M.**, Ayodeji, T. M., Adetola, O. O., Odutayo, O. J., Adeyemo, A. A., Abiona, J. A. Olatunbosun, O. B. and Safiyu. 2023. Effects of in ovo injection of inorganic salts of Zinc and Copper on performance and serum biochemical indices of two strains of broiler chickens. *Folia Veterinaria*, 67: 1-14. DOI10.24.2478/fv.2023-0001