



**Dr. Ayo-Ajasa, Olapeju Yemisi** is a senior lecturer and researcher

in the Department of Animal Production and Health. She obtained a Bachelor of Agriculture degree in Animal Science, Master of Agriculture and PhD in Animal Science (*Monogastric Production option*) from the Federal University of Agriculture, Abeokuta. She teaches Non-Ruminant Animal Production at both undergraduate and postgraduate levels.

Ayo-Ajasa possesses excellent administrative, verbal communication and written skills along constructive and effective teaching methods that promote a stimulating learning environment. She has publications in national and international journals and has attended different courses on leadership, education and management in her quest for more knowledge both locally and internationally. She is also a member of Nigerian Institute of Animal Science (NIAS), Nigeria Society for Animal Production, Animal Science Association of Nigeria (ASAN) amongst others.

**Personal Information:**

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**Qualification:** Ph.D.

**Award/Grant won:**

- i. Federal Government of Nigeria Scholarship for Postgraduate studies (2002)
- ii. AWARD Leadership Program for Agricultural Research and Development (LEPARD) held at the Safari Park Hotel, Nairobi, Kenya, October 28-31, 2014.
- iii. TETFUND Institution-Based Research Intervention Award (2015): Insulin-like growth factor-1 gene polymorphism and its effect on reproductive performance of improved Nigerian indigenous chicken. **Co-Investigator**
- iv. TETFUND National Research Fund (NRF) Intervention (2019): Use of red and white sorghum in feeding system for poultry and implications of locally produced tannase enzyme. **Co-Investigator**
- v. TETFUND National Research Fund (NRF) Intervention (2019): Development of early warning system for farmer's preparedness against climate change impacts in South-West Nigeria. **Co-Investigator**

### Research conducted:

- i. Effect of *Moringa oleifera* leaf meal on haematological parameters, serum biochemical indices and haemagglutination potential of broiler birds raised on deep litters.
- ii. Performance and cost-benefits of weaner rabbits fed graded levels of *Moringa oleifera* leaf meal.
- iii. Gestational and reproductive performance of rabbit does fed diets containing neem (*Azadirachta indica*) leaf meal
- iv. Growth performance, carcass characteristics, haematology and serum biochemistry of rabbit bucks fed diets containing graded levels of neem (*Azadirachta indica*) leaf meal
- v. Effect of dietary supplementation of *Moringa oleifera* leaf meal on blood profile, haemagglutination potential and testicular activities of rabbits
- vi. Effect of dietary supplementation of *Ficus asperifolia* aqueous extract on semen quality, testicular histology and reproductive performance of New Zealand white rabbits raised under tropical condition
- vii. Performance characteristics, blood profile and liver histology of new zealand white rabbits administered aqueous *Ficus asperifolia* leaf extract

### Conferences attended:

- i. AWARD Leadership Program for Agricultural Research and Development (LEPARD) held at the Safari Park Hotel, Nairobi, Kenya, October 28-31, 2014.
- ii. Two-day capacity building workshop on Modern Methods of Teaching and Learning in Higher Education organized by Federal University of Agriculture, Abeokuta on 25th and 26th January, 2016.
- iii. Three-day International Short Course on “Advanced Techniques In Poultry Nutrition Research” held at International Scholars’ Resource Centre, Federal University of Agriculture, Abeokuta, Nigeria organized by Africa Centre of Excellence in Agricultural Development and Sustainable Environment (CEADESE) in conjunction with Federal University of Agriculture, Abeokuta, February 13-16, 2017.
- iv. A 3-day capacity-building workshop on “Students Mentorship for Female Lecturers in South-West Nigerian Universities” held at the Academic Building Ekiti State University, Ado-Ekiti organized by the Centre for Gender and Development Studies (CGDS), Ekiti State University (EKSU), Ado-Ekiti in collaboration with the Department for International Development (DFID) from March 22 – 24, 2017.
- v. A 3-day Academic Retreat on University Ethics, Pedagogy and Examination Matters held at 1000 Lecture Theatre, Federal University of Agriculture, Abeokuta, Nigeria organised by the Academic Planning Unit, Federal University of Agriculture, Abeokuta, June 21 – 23, 2021

### Publications:

- i. Fanimu A. O., Oduguwa B. O., **Ajasa O. Y.** and O. Jegede. 2004. Feeding value of shrimp meal for growing pigs. *Archivos de zootecnia*, 53 (201): 77-85
- ii. Dipeolu M. A. and **Ayo-Ajasa. O. Y** 2006. Residues of streptomycin antibiotic in layers and stability of residues after cooking. *Nigerian Poultry Science Journal* 4:56-59
- iii. **Ayo-Ajasa, O. Y.**, Aina, A. B. J., Agaviezor, B. O., Ozoje, M. O. and Sowande, O. S. 2014. Effect of generational differences, housing systems and sex and their interactions on the carcass and organ parameters of rabbits. *Global Journal of Bio-science & Biotechnology* (GJBB), 3 (2) 2014: 153-160 ISSN 2278-9103.
- iv. **Ayo-Ajasa, O. Y.**, Aina, A. B. J., Agaviezor, B. O., Ozoje, M. O. and Sowande, O. S. 2014. Variation in growth and linear body measurements of rabbits due to generation differences, housing systems, sex and season. *Journal of Experimental Agriculture International*, 4 (11): 1339 - 1347.
- v. **Ayo-Ajasa, O. Y.**, Aina, A. B. J., Sowande, O. S., Egbeyale, L. T., Ozoje, M. O., Agaviezor, B. O. and Abel, F. A. S. 2015. Haematological and serum profile of rabbits due to generation interval, housing systems and sex. *Nigerian Journal of Animal Production* 42 (1): 60 - 70.
- vi. Abel, F. A. S., Adeyemi, O. A., Oluwole, O. B., Oladunmoye, O. O., **Ayo-Ajasa, O. Y.**, and Anuoluwatele, J.O. 2015. Effects of Treated Banana Peel Meal on the Feed Efficiency,

- Digestibility and Cost Effectiveness of Broiler Chickens Diet. *Journal of Veterinary Science and Animal Husbandry* 3(1): 101. doi: 10.15744/2348-9790.1.603.
- vii. **Ayo-Ajasa, O. Y.**, Aina, A. B. G., Sowande, O. S., Egbeyale, L. T., Ozoje, M. O., Oso, A. O., Abiona, J. A and Abel, F. A. S. 2015. Effect of generational differences, housing system and seasonal variations on the reproductive performance of rabbits raised in humid tropics. *Nigerian Journal of Animal Production* 42 (2): 103 – 110.
- viii. Egbeyale, L. T., **Ayo-Ajasa, O. Y.**, Ayoola, A. A., Ogunkunle, N. F. and Okuboyejo, O. A. 2015. Performance of broiler chickens fed neem (*Azadirachta indica*) leaf meal as an alternative to antibiotics. *Bulletin of Animal Health and Production in Africa*, 63(4): 403-410
- ix. **Ayo-Ajasa, O. Y.**, Abiona, J. A, Fafiolu, A. O., Egbeyale, L. T., Njoku, C. P., Omotayo, I. G., Odeyemi, A. Y. and Abel, F. A. S. 2016. Performance characteristics of broilers fed graded levels of *Moringa oleifera* leaf meal. *Malaysian Journal of Animal Science* Vol. 19(1): 23-31.
- x. **Ayo-Ajasa, O. Y.**, Abiona, J. A., Odeyemi, A. Y., Fafiolu, A. O., Egbeyale L. T., Omotayo, I. G., Odeyemi, A. J. and Abel, F. A. S. 2016. Effect of moringa oleifera leaf meal on haematological parameters, serum biochemical indices and haemagglutination potential of broiler birds raised on deep litters. *Bulletin of Animal Health Production in Africa*, 64 (3): 337-334
- xi. **Ayo-Ajasa, O. Y.**, Egbeyale, L. T., Sanusi, G.O. Ibrahim, K., Hamzat, O. A and Falako, M. F. 2017. Performance and cost-benefits of weaner rabbits fed graded levels of *Moringa oleifera* leaf meal. *Malaysian Journal of Animal Science* Vol. 20(1) June, 2017.
- xii. **Ayo-Ajasa, O. Y.**, Egbeyale, L. T., Abiona, J. A., Njoku, C. P., Amoo, A. B. and Aseniyi, O. E. Gestational and reproductive performance of rabbit does fed diets containing neem (*Azadirachta indica*) leaf meal. *Nigerian Journal of Animal Production* Vol.45 (3): 79 – 86.
- xiii. **Ayo-Ajasa, O. Y.**, Wheto, M., Egbeyale, L. T., Njoku, C. P., Sanwo, K. A. and Azeez, F. A. 2018. Prediction of body live weight from body length and heart girth of rabbit. *Nigerian Journal of Animal Science* Vol.20 (4): 333 – 337
- xiv. **Ayo-Ajasa, O. Y.**, Egbeyale, L. T., Abiona, J. A and Fafiolu, A. O. 2018. Pre and post-gestation blood indices of rabbit does fed graded levels of neem (*Azadirachta indica*) leaf meal. *Nigerian Journal of Animal Production* Vol.45 (5): 15 – 22
- xv. Abiona, J. A., Bello, K. T., Yusuf, T. A., Akinduti, P. A., **Ayo-Ajasa, O. Y.**, Wheto, M., Adebayo, A. O., Iyanda, O. A. and Onagbesan, O. M. 2018. Preliminary investigation of toll-like receptor expression and haemagglutination potential of selected part of the reproductive tract of giant African land snail (*Archachatina marginata*) infected with bacteria. *Bulletin of Animal Health Production in Africa*, 66 (4): 699-708
- xvi. **Ayo-Ajasa, O. Y.**, Egbeyale, L. T., Ekunseitan, D. A., Busari, M. O., Bajegbo. Y. O., Fatoye, Q. O. and Oyekanmi, O. O. 2019. Response of rabbit does and kits to different weaning ages. *Bulletin of Animal Health Production in Africa*, 67 (1): 45-55
- xvii. Njoku, C. P., **Ayo-Ajasa, O. Y.**, Ekunseitan D. A., Okunniyi, T. A. and Agbeniga, M. J. 2019. Nutrient digestibility and physiological implication of feed withdrawal periods and ascorbic acid supplementation in growing pigs under tropical environment. *Indian Journal of Animal Sciences*, 89 (12): 1377-1388.
- xviii. **Ayo-Ajasa, O. Y.**, Egbeyale, L. T., Adewole, F. A., Ekunseitan D. A. and Fafiolu, A. O. 2019. Effect of body weight at first mating on reproductive performance of rabbit does. *Nigerian Journal of Animal Production* Vol.46 (5): 102 – 106
- xix. Egbeyale, L. T., Oni, A. O., **Ayo-Ajasa, O. Y.**, Abiona, J. A., Adeleye, O. O., Oyebo, A. T. and Oyedare, K. S. 2019. Performance of weaned female rabbits fed diets containing varying levels of neem leaf meal. *Bulletin of Animal Health Production in Africa*, 67 (3): 295-302
- xx. Sanwo, K. A., Adegoke, A. V., **Ayo-Ajasa, O. Y.**, Elegbede, T. J., Fagbohun, A.O. and Adeyanju, T. M. 2020. Quality and Stability of meat obtained from broiler chickens fed diets containing tonic root (*Mondia whitei*) as supplement. *Nigerian Journal of Animal Production* Vol.47 (3): 99– 109.
- xxi. Imade, A. A., Onwuka, C. F. I., Jegede, A. V., **Ayo-Ajasa, O. Y.**, Akanbi, A. A. 2020. Growth performance of weaner rabbits on diets containing varying levels of dried okra leaves (*Abelmoschus esculentus*). *Nigerian Journal of Animal Production* Vol.47 (3): 124 – 131

- xxii. **Ayo-Ajasa, O. Y.**, Egbeyale, L. T., Abiona, J. A., Ekunseitan, D. A., Ayoola, A. A., Atoyebi, J. F., and Aremu, O. M. 2020. Growth performance, carcass characteristics, haematology and serum biochemistry of rabbit bucks fed diets containing graded levels of neem (*Azadirachta indica*) leaf meal. *Nigerian Journal of Animal Science* Vol.22 (1): 270 – 278
- xxiii. 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* Vol.22 (1): 113 – 125
- xxiv. Abiona, J. A., Durosinmi, F. A., Abioja, M. O., **Ayo-Ajasa, O. Y.** and Onagbesan, O. M. 2020. Effects of shell injury on haemocyte concentration and shell regrowth in giant African land snail (*Archachatina marginata*). *Polish Journal of Natural Science*, Vol 35(4): 471–479.
- xxv. Abiona, J. A., Adeeyo, O. M., Abioja, M. O., Aina, C. K., **Ayo-Ajasa, O. Y.** Oyesanwen, M. T., Ihongbe, R. A., Mbshelbwala, F. M., Oke, O. E. and Onagbesan, O. M. 2021. Effects of common salt (NaCl) on reproductive tract dimension, haemolymph haemocyte count and biochemical parameters of Giant African Land snail (*Archachatina marginata*) during dry season. *Aquaculture Reports* 20:1-8
- xxvi. Njoku, C. P., Odutayo, O. J., **Ayo-Ajasa, O. Y.**, Okunniyi, T. A., Agbeniga, M. J. and Adeyemi, O. A. 2021. Effects of feed withdrawal periods and ascorbic acid supplementation on growth performance and morphological measurements of growing pigs. *Thailand Journal of Agricultural Science*, 54 (4): 222-234
- xxvii. **Ayo-Ajasa, O. Y.**, Abiona, J. A., Egbeyale, L. T., Fafiolu, A.O., Bamidele, L. A. and Fatola, O. 2021 Effect of dietary supplementation of *Moringa oleifera* leaf meal on blood profile, haemagglutination potential and testicular activities of rabbits. *Polish Journal of Natural Science*, Vol 36(1): 95–106.
- xxviii. **Ayo-Ajasa, O. Y.**, Akani, B. T., Falade, G., Sogunle, O. M., Egbeyale, L. T., Abiona, J. A., Fafiolu, A.O. 2022. Effect of different feed types on haematological and serum biochemical parameters of male and female weaner rabbits. *Nigerian Journal of Animal Science* Vol.24 (2): 118 – 130.
- xxix. **Ayo-Ajasa, O. Y.**, Abiona, J. A., Egbeyale, L. T., Fafiolu, A.O., Binoomote, N. O. and Busari, G. 2022. Effect of dietary supplementation of *Ficus asperifolia* aqueous extract on semen quality, testicular histology and reproductive performance of New Zealand white rabbits raised under tropical condition. *Polish Journal of Natural Science*, Vol 37(1): 5–22.
- xxx. Sogunle, O. M., Fagbamila, O. E., **Ayo-Ajasa, O. Y.**, Sanda, A. J., Odutayo, O. J., Olatunbosun, O. B., 2Alamu, 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* Vol.24 (3): 28 – 42.
- xxxi. **Ayo-Ajasa, O. Y.**, Njoku, C. P., Egbeyale, L. T., Abiona, J. A., Dare, A. O. and Bolanle, E. A. 2022. Performance characteristics, blood profile and liver histology of new zealand white rabbits administered aqueous *Ficus asperifolia* leaf extract. *Journal of Agricultural Science and Environment*. 22 (1&2):1-19
- xxxii. Adewole, F. A., Egbeyale, L. T., **Ayo-Ajasa, O. Y.**, and Adegbenga, H. T. 2022. Carcass characteristics and reproductive organ development of egg-type chickens fed diets containing *Aspilia africana* *Journal of Agricultural Science and Environment*. 22 (1&2): 34-42
- xxxiii. Silas, A. F. A., **Ayo-Ajasa, O. Y.**, Afolabi, T. and Onyibe, J. 2022. Evaluation of peanut cake replacement with soybean curd meal for growth performance and haematological analysis in the diet of weaner rabbits. *Malaysian Journal of Animal Science* Vol. 25(2): 44-52.
- xxxiv. Ayoola A. A., Yusuf, A. O., Olatunbosun, O. B., **Ayo-Ajasa, O. Y.** and Ogunmefun, F. T. 2023. Carcass yield, bone morphometry and mineral concentration in tissues of broilers fed nano zinc fortified diet. *Agriculturae Conspectus Scientificus*