

PROFESSOR JAMES OLA DARAMOLA

James Ola Daramola earned his B.Ed. Agric in 1990, M.Sc. (Animal Production) in 1995 and PhD (Animal Production) in 2006. His academic career started in the University of Ilorin as Assistant Lecturer (2004) and rose to Lecturer II (2006). He was appointed Lecturer I in 2008 at the University of Agriculture Abeokuta where he rose through ranks to Professor of Reproductive Physiology in 2017. He is a merit award winner of Support Africa International in collaboration with Schweinfurt Foundation, Germany on Sustainable Agriculture in Sub-Saharan Africa. Professor Daramola served as a pioneer Co-ordinator and Head of Programme, FUNAAB Foreign African Scholarship Scheme (FUFASS), a team Leader and Principal Investigator for several research grants and a reviewer for several international journals. He received Vice-Chancellor's commendation for outstanding contribution for World Bank African Centre of Excellence. He has to his credit over sixty articles in reputable journals and books. He has mentored and supervised many M.Sc dissertations and PhD Theses. He is a member of American Society of Microbiology and International Goat Association.



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Qualification:

- a. PhD (Animal Production), University of Ilorin (2006)
- b. M. Sc. (Animal Production), University of Ilorin (1995)
- c. B. Ed. Obafemi Awolowo University, Ile-Ife (1990)

Membersshp of Professional Bodies

American Society of Microbiology (ASM), USA; International Goat Association (IGA), USA; Nigerian Society for Experimental Biology (NISEB); Animal Science Association of Nigeria (ASAN); Nigerian Society for Animal Production (NSAP); Nigerian Meteorological Society (NMS); World Poultry Science Association(WPSA).

Award Received:

Merit Award Winner of Sustainable Agriculture in Sub-Saharan Africa on *agrarian support for health improvement in Sub-Saharan Africa, 2005*. Support Africa International in collaboration with Schweinfurt Foundation. Support Africa International, Alte Str.19, 56357 Berg/Taunus, Germany.

Research Conducted:

Conferences Attended:

- i. The 10th Annual Conference Animal Science Association of Nigeria (ASAN), University of Ado Ekiti, Sept. 12-15, 2005.
- ii. The 11th Ann. Conf. Anim. Sci. Ass. of Nig. (ASAN). Sept. 18-21 2006. I.A.R. & T. Ibadan, Nigeria.
- iii. The 13th Ann. Conf. Anim. Sci. Ass. of Nig. (ASAN). Sept. 18-21 2008. ABU, Zaria Nigeria.
- iv. The 35thConference of Nigerian Society for Animal Production (NSAP), March 14-17, 2010. Univ. of Ibadan, Nigeria.
- v. The 3rd International Congress on Controversies in Cryopreservation of Reproductive cells, Tissue and Organs (CRYO), Berlin, March 21-23, 2013,Germany.
- vi. The 39th Annual Conference of the Nigerian Society of Animal Production (NSAP), Babcock University, Ilishan-Remo, March 16-19, 2014, Nigeria.
- vii. The 41st Annual Conference of the Nigerian Society for Animal Production (NSAP), Federal University of Agriculture, Abeokuta, March 20-24, 2016, Nigeria.

Publication:

1. Adelaye, Abiodun A. and **Daramola, James O.** (2003). Optimising the potentials of livestock production in developing countries; the preservation of the environment, commercial exchange and the present and future health constraints in man and animal. *Tropical Animal Production Investigations*. **6**: 165-178. Published by Department of Animal Science, University of Ibadan, **Nigeria**.
2. **Daramola, J.O.**, Adelaye, A.A. and Soladoye, A.O. (2004). Changes in some haematological and biochemical parameters during pre-partum and post-partum periods in female West African Dwarf Goats. *Journal of Agricultural Research & Development*.**3**: 119-128.Published by Faculty of Agriculture, University of Ilorin, **Nigeria**.
3. **Daramola, J.O.** and Adelaye, A.A. (2004). Effect of corn cob treated with sodium chloride on water utilization by West African Dwarf goats. *Journal of Agricultural*

- Research & Development.3:** 37-46. Published by Faculty of Agriculture, University of Ilorin, **Nigeria**.
4. Adeloye, A.A. and **Daramola, J.O.** (2004). Effect of a by-pass protein on water utilization by West African Dwarf goats. *Journal of Agricultural Research & Development. 3:* 75-81. Published by Faculty of Agriculture, University of Ilorin, **Nigeria**.
 5. **Daramola, J.O.**, Adeloye, A.A., Fatoba, T.A. and Soladoye, A.O. (2005). Haematological and biochemical parameters of West African Dwarf goat. *Livestock Research for Rural Development, 17* (08). Published by *Centro para la Investigacion en Sistemas Sostenibles de Produccion Agropecuaria* (CIPAV), Cali, **Columbia**. Available at <http://www.lrrd.org/lrrd17/8/dara17095.htm>
 6. **Daramola, J.O.**, Adeloye, A.A. and Soladoye, A.O. (2006). Effect of exogenous melatonin on sexual behaviours in West African Dwarf goats. *Livestock Research for Rural Development, 18*(09). Published by *Centro para la Investigacion en Sistemas Sostenibles de Produccion Agropecuaria* (CIPAV), Cali, **Columbia**. Available at <http://www.lrrd.org/lrrd18/9/dara18133.htm>
 7. Adeloye, A.A., **Daramola, J.O.**, Yousuf, M.B. and Ogundun, N.J. (2006). Effect of mixtures of Cassava peel and *Albizia lebeck* hay on feed and voluntary water intakes of the West African Dwarf goat. *Journal of Agricultural Research & Development. 5*(2): 164-172. Published by Faculty of Agriculture, University of Ilorin, **Nigeria**.
 8. Yousuf, M.B., Belewu, M.A., **Daramola, J.O.** and Ogundun, N.J. (2007). Protein supplementary values of cassava-*leucaena* and *gliricidia*- leaf meals in goats fed low quality *Panicum maximum* hay. *Livestock Research for Rural Development, 19* (2). Published by *Centro para la Investigacion en Sistemas Sostenibles de Produccion Agropecuaria* (CIPAV), Cali, **Columbia**. Available at <http://www.lrrd.org/lrrd19/2/yous19023.htm>
 9. **Daramola, J.O.**, Adeloye, A.A., Fatoba, T.A., Soladoye, A.O. (2007). Induction of puberty in West African Dwarf bucks with exogenous melatonin. *Livestock Research for Rural Development, 19* (09). Published by *Centro para la Investigacion en Sistemas Sostenibles de Produccion Agropecuaria* (CIPAV), Cali, **Columbia**. Available at <http://www.cipav.org.co/lrrd/lrrd19/9/dara19127.htm>.
 10. **Daramola, J.O.**, Adeloye, A.A., Fayeye, T.R., Fatoba, T.A. (2007). Influence of photoperiods with or without melatonin on spermograms in West African Dwarf bucks. *World Journal of Zoology, 2* (1): 86-90. Published by International Digital Organization for Scientific Information, **Pakistan**. Available at idosi.org
 11. **Daramola, J.O.** and Adeloye, A.A. (2009). Physiological adaptation to the humid tropics with special reference to the West African Dwarf (WAD) goat. *Tropical*

- Animal Health and Production*,**41**: 1005-1016. Wilson, T. (Ed.). Published by Springer, Germany.
12. **Daramola, J.O.**, Adeloje, A.A., Komolafe, S.E. and Azeez, O.K. (2009). Effect of aqueous extract of *Daturastramonium*seed on spermograms of West African Dwarf bucks. *Journal of Agricultural Research & Development*, **7&8**: 1-9. Published by Faculty of Agriculture, University of Ilorin, Nigeria.
 13. Annongu, A.A., **Daramola, J.O.**, Joseph, J.K., Adeyina, A.O. (2009). Influence of dietary processed Nigerian *Balanitesaegyptiaca* fruits on some biochemical, haematological and physiological indices in swine. *Journal of Agricultural Science & Environment*, **9** (2): 34-44. Published by Federal University of Agriculture Abeokuta, Nigeria.
 14. **Daramola, J.O.** and Adeloje, A.A. (2010). Changes in spermograms, biochemical and physiological indices following successive electroejaculation during different periods of the day in West African Dwarf bucks. *Journal of Agricultural Science & Environment*,**10** (1): 53-60. Published by Federal University of Agriculture Abeokuta, Nigeria.
 15. **Daramola, J.O.**,Adeloje, A.A., Obadimeji, D.I., Olorundare, Yemisi and Popoola, Muintat B.(2010). Effect of frequency of electroejaculation on spermograms and physiological parameters in West African Dwarf bucks. *Journal of Applied Agricultural Research*. **2**: 53-60. Published by Agricultural Research Council of Nigeria (ARC), Nigeria.
 16. **Daramola, J.O.**,Adeloje, A.A., Akintunde, A.O., Imam, T.K., Iyasere, O.S., Sobayo, R.A. (2010). Effect of uromaiz on sperm characteristics in West African Dwarf bucks. *Journal of Agricultural Science & Environment*,**10** (2): 59-67. Published by Federal University of Agriculture Abeokuta, Nigeria.
 17. Abiona, J.A., Osinowo, O.A., Eruvbetine, D., Abioja, M.O., Smith, O.F., **Daramola, J.O.**,Ladokun, A.O., James, I.J., Abe, O.S., and Onagbesan, O.M. (2011). Accessory reproductive organs dimension of two species of African land snails *Archachatinamarginata* and *Achatinaachatina* at three liveweight ranges. *Journal of Agricultural Science*, **4** (2):179-186.Published by the Canadian Center of Science and Education, Canada.
www.ccsenet.org/journal/index.php/jas/article/download/13752/9474
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 19. Sobayo, R.A., Adeyemi, O.A.,Oso, O.A., Fafiolu, A.O., **Daramola, J.O.**,Sodipe, O.G., Ogunade, I.M. and Odetola, O.M. (2013). Haematological, serum and carcass

- characteristics of broiler chicken fed graded levels of *Garcina kola* (bitter kola) used as phytobiotic. *Nigerian Journal of Animal Production*, **40** (1): 48-56. Published by the Nigerian Society for Animal Production (NSAP), **Nigeria**.
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 21. Obanla, L.O., Oke, O.E., Onagbesan, O.M., Williams, T.J., Abioja, M.O., **Daramola, J.O.** and Abiona, J.A. (2013). Nutrient utilization during incubation and post-hatch juvenile growth of Nigerian indigenous chicken and two exotic strains of chicken under Nigerian condition. *Archivos De Zootecnia*, **62** (242): 251-258. Published by the University of Cordova and the Iberoamerican Zootechnics Association (Asociación Iberoamericana de Zootecnia), **Spain**. Available at: scielo.isciii.es/pdf/azoo/v63n242/art03.pdf
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- buck. *Pertanika Journal of Tropical Agricultural Science*, **38** (3): 347-360. Published by University Putra, Malaysia.
Available at <http://www.pertanika.upm.edu.my/>
28. Abioja, M.O., Abiona, J.A., Williams, T.J., Smith, O.F., James, I.J., Oke, E.O., **Daramola, J.O.** and Osinowo, O.A. (2015). Egg fertility and hatchability in avians broiler-breeder hens under humid tropical conditions. *Nigerian Journal of Animal Production*, **42** (2): 21-27. Published by the Nigerian Society for Animal Production, Nigeria.
 29. **Daramola, J.O.**, Adekunle, E.O., Oke, O.E., Onagbesan, O.M., Iyasere, O.S., Williams, T.J., James, I.J., Oyewusi, I.K., Oyewusi, J.A. (2015). Effects of pyridoxine supplementation or in combination with other antioxidants on motility, *in vitro* capacitation and acrosome reaction of goat buck spermatozoa during cryopreservation. *Small Ruminant Research*, **131**: 113–117. Published by Elsevier, United Kingdom. Official Journal of International Goat Association.
Available at <http://dx.doi.org/10.1016/j.smallrumres.2015.08.007>
 30. **Daramola, J.O.**, Adeloye, A.A., Yousuf, M.B., Olatunde, A.O., Oke, O.E., Abioja, M.O., Adenaike, O.D. (2015). Changes in blood and physioclinical indices of West African Dwarf goat during road transport. *Nigerian Journal of Animal Production*, **42** (2): [14-20](#). Published by the Nigerian Society for Animal Production, Nigeria.
 31. **James O. Daramola**, John A. Abiona., Olusiji F. Smith, Olubukola A. Isah, Olusiji S. Sowande, Moshood O. Olaniyi, Jimoh A. Olanite. (2015). Effect of *Mucuna* (*Mucunapruriens*) on spermograms of West African Dwarf bucks. *Tropical and Subtropical Agroecosystems*, **18** (2): 145-150. Publicación de Universidad Autónoma de Yucatán, Facultad de Medicina Veterinaria, Mexico.
<http://www.veterinaria.uady.mx/ojs/index.php/TSA/article/view/1916/963>
 32. Williams, T.J., Ohayi, M.O., Akinrele, L.N., **Daramola, J.O.**, Oke, O.E., Iyasere, O.S. (2016). Influence of udder stimulation, stage of lactation and parity on milk yield in West African Dwarf goats. *Nigerian Journal of Animal Production*, **43** (1): 61-69. Published by the Nigerian Society for Animal Production, Nigeria.
 33. Abiona, J.A., Ogunsola, O.A., Ladokun, A.O., Abioja, M.O., **Daramola, J.O.**, Ajayi, O.I., Williams, T.J., Oke, O.E., Osinowo, O.A., Onagbesan, O.M. (2016). Effect of *Mucunapruriens* on ovo-testis histology of Giant African land snail (*Archachatina marginata*). *Nigerian Journal of Animal Science*, **18** (1&2): 25-31. Published by the Animal Science Association of Nigeria (ASAN), Nigeria.
 34. **Daramola, J.O.**, Onanuga, O.D., Abioja, M.O., Adeleke, M.A., Olowofeso, O., Oke, O.E., Adekunle, E.O., Sorongbe, T.A., Iyanda, O.A. (2016). Effects of avocado seed extract in different tris-extenders on sperm and oxidative stress indices of vitrified

- goat spermatozoa. *Journal of Agriculture Sciences*, **61** (4): 359-374. The official journal of the Faculty of Agriculture, University of Belgrade, **Serbia**. Available at: http://joas.agrif.bg.ac.rs/ejournal/show/3/_/67
35. **Daramola, J.O.**, Adekunle, E.O., Iyasere, O.S., Oke, O.E., Sorongbe, T.A., Iyanda, O.A., Kehinde, A.R., Aluko, S.P., Olaoye, I.O., Gbadebo, O.E., Falolu, L.I., Olukayode, E.O., Ajayi, R.A., Enikannaye, O.J., Osunjaiye, E.D. (2016). Effects of coconut milk alone or supplementation with pyridoxine in tris-extendors on viability of buck spermatozoa during vitrification. *Small Ruminant Research*, **136**: 208-213. Published by Elsevier, **United Kingdom**. Official Journal of International Goat Association. Available at <http://dx.doi.org/10.1016/j.smallrumres.2016.02.004>
36. **Daramola, J.O.**, Adekunle, E.O., Oke, O.E., Sorongbe, T.A., Iyanda, O.A., Onanuga, O.D. 2016. Cryosurvival of goat spermatozoa in tris-egg yolk extender supplemented with melatonin. *Bulletin of Animal Health and Production in Africa*, **64** (3): 281-288. Published by African Union Inter-African Bureau for Animal Resources, **Kenya**. Available at: www.au-ibar.org/component/jdownloads/finish/14/2978
37. Abioja, M.O., Iyanda, O.A., Akinjute, O.F., James, I.J., Williams, T.J and **Daramola, J.O.** (2016). Comparison of infrared, electronic digital and mercury-in-glass thermometers: 2. Red sokoto goats. *Bulletin of Animal Health and Production in Africa*, **64** (3): 299-306. Published by African Union Inter-African Bureau for Animal Resources, **Kenya**. Available at: www.au-ibar.org/component/jdownloads/finish/14/2978
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39. **Daramola, J.O.**, Adekunle, E.O. (2017). Effects of washing protocols on cryosurvival of spermatozoa obtained from West African Dwarf goat bucks. *CryoLetters*, **38**(3): 210-215. The International Journal for Low Temperature Sciences. Publisher: CryoLetters LLP, **United Kingdom**. Available at: <http://www.cryoletters.org/>
40. **Daramola James Olamitibo**, Oyewusi, Joshua Adeoye, Sorongbe Taiwo Amidu, Adekunle Ezekiel Oluwafemi, Iyanda Olayinka Ayobami, Onanuga Oluwakemi Dayo, Olayemi Folarin Daniel, Falujo Femi Damilola, Tanimowo Lateef Semako, Omyema Prisca Onyinyechi, Sobowale Omobolanle Abibat, Sodiya Olorunjuda O., Salawu Damilola O. (2017). Effects of mucuna seed extract on sperm functional integrities and seminal oxidative stress indices of vitrified goat semen. *Journal of Agriculture Sciences*, **62** (2): 155-166. The official journal of the Faculty of Agriculture, University of Belgrade, **Serbia**.
41. Oke, Oyegunle; **Daramola, James**; Abioja, Monsuru; Emeshili, Uche; Rotimi, Solomon; Rahman, Samson; Williams, Tolulope; Iyasere, Oluwaseun; Adesanya,

- John; Ladokun, Abimbola(2017). Physiological responses and performance of broiler chickens offered olive leaf extract under hot humid tropical climate. *Journal of Applied Poultry Research*, **26** (3). The official journal of Poultry Science Association Inc. UK. Published by Oxford University Press, **United Kingdom**. Available at: <http://dx.doi.org/10.3382/japr/pfx005>
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44. Adekunle, E.O, **Daramola, J.O**, Onagbesan, O.M, Sowande, O.S.(2017). Cryosurvival of goat spermatozoa in tris-egg yolk extender supplemented with vitamin E. *Bulletin of Animal Health and Production in Africa*, **65**(4): 817-824. Published by African Union Inter-African Bureau for Animal Resources, **Kenya**.
45. Iyasere, O.S., James, I.J., Akinsanya, O.O., Williams, T.J. and **Daramola, J.O.** 2017. Suckling behaviour of West African dwarf goat kids. *Nigerian Journal of Animal Production*, **44**(3):378-383. Published by the Nigerian Society of Animal Production, **NIGERIA**.
46. Ezekiel O. Adekunle, **James O. Daramola**, Olusiji S. Sowande, John A. Abiona and Monsuru O. Abioja.(2018). Effects of apple and orange juices on quality of refrigerated goat semen. *Journal of Agricultural Sciences* **63** (1), 53-65. The official journal of the Faculty of Agriculture, University of Belgrade, **Serbia**.
47. Iyasere, O.S., James, I.J., Williams, T.J., **Daramola, J.O.**, Lawal, K.O., Oke, O.E. and Iyasere, E. 2018. Behavioural and physiological responses of West African Dwarf goat dams and kids subjected to short-term separation. *Agricultura Tropica Et Subtropica*, **51**(1):1–10. Published by Mendel Faculty of Regional Development and International Studies, University in Brno, **CZECH REPUBLIC**. DOI:10.1515/ats-2018-0001.
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50. Oyegunle Emmanuel Oke, **James Olamitibo Daramola**, Victoria Uyanga, Oluwaseun Serah Iyasere, Chiemeka Promise Njoku, Modinat Bukola Babatunde, 2019. Influence of bedding materials on organ weights, meat quality, breast and footpad dermatitis of broiler chickens under hot humid climate. *AGRICULTURA TROPICA ET SUBTROPICA*, **52 (1)**: 3–8; DOI: 10.2478/ats-2019-0001
51. Oke, O.E., Oso, A., Iyasere, O.S., Adebowale, T., Akanji, T., Odusami, O., Udehi, S. and **Daramola, J.O.** (2020). Growth performance and physiological responses of helmeted guinea fowl (*Numida meleagris*) to different stocking densities in humid tropical environment. *Agricultura Tropica et Subtropica*, **53(1)**:5-12
52. Taiwo Amidu Sorongbe, **James Ola Daramola**, Okanlawon Mohammed Onagbesan, Adebayo Vincent Jegede, Ezekiel Oluwafemi Adekunle, 2019. Soybean milk extender improves sperm functional and oxidative stress parameters of goat sperm during slow and rapid freezing. *AGRICULTURA TROPICA ET SUBTROPICA*, **52 (3–4)**: 89–96; DOI: 10.2478/ats-2019-0010
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