

iii. Personal information

☒ Name in Full: Idowu Oluwaseun Janet (Nee Bolaji)

☒ Age: 40 years

☒ Place of Birth: Ibadan

☒ Sex: Female

☒ Marital Status: Married

☒ Nationality: Nigerian

☒ Town and State of Origin: Ibadan, Oyo

☒ Contact Address: Room 3, Department of Pasture and Range Management,
COLANIM, FUNAAB, P.M.B. 2240, Abeokuta, Ogun State.

iv Department

Pasture and Range Management

v E-mail address

idowuoj@funaab.edu.ng

vi Phone number

+234 8037529275

vii Rank

Senior Lecturer

viii Designation

Senior Lecturer, Pasture and Range Management Department

ix Researchgate address

<https://www.researchgate.net/profile/Oluwaseun-Bolaji>

x Linkedin address

<https://www.linkedin.com/in/oluwaseun-idowu-ph-d-8b81b35b/>

xi Google scholar profile

xii ORCID Number

ORCID iD: 0000-0001-9878-9123

xiii Qualification

Ph. D in Ruminant Nutrition and Forage Science

xiv Membership of Professional bodies

i. Member, Anaerobic Fungi Network (AFN)

Member, British Society of Animal Science (BSAS, 920140326)

Member, European Federation of Animal Science (EAAP)

Member, Nigerian Institute of Animal Science

Member, Animal Science Association of Nigeria

Member, Society for Grassland Research and Development in Nigeria

xv Award received

1. Year 2018-2022 Intervention in research Projects (RP): Batch B of Tertiary Education Trust Fund for Federal

University of Agriculture, Abeokuta, Ogun State. For a project titled, "Investigation of growth and productive

performance of goats fed microbial additives containing diets as alternative improved ruminants dry season

feed"(Lead Researcher) 2021/2022

2. Year 2018-2022 Intervention in research Projects (RP): Batch B of Tertiary Education Trust Fund for Federal

University of Agriculture, Abeokuta, Ogun State. For a project titled, "Organic hydroponics cereals fodder production

technology for sustainable dry season livestock production"(Research Team Member)

2021/2022

3. FUNAAB/Tetfund Scholarship for Ph.D. programme in Newcastle University, UK. 2014 - 2019

4. Junior Research Fellowship 2009 – 2011

5. Post-Graduate Tuition Scholarship for First Class Students in the University 2009

6. Senate Annual Prize for First Class Honour's Graduating Student, PRM Dept. 2008

xvi Research conducted

1. Different fungal treatment of selected dry season forages as possible improved dry season ruminant feed.

2. Nutritional evaluation of fungal biodegraded forages through bio-chemical analyses (i.e. chemical composition,

secondary metabolites, antioxidant composition, rumen microbial determination using plating or staining

techniques along with light or fluorescent microscope, and enzymatic activity), in vitro, in sacco and in vivo

techniques.

3. Investigation of growth and productive performance of goats fed microbial additives containing diets as

alternative improved ruminants dry season feed.

4. The use of anaerobic fungi (direct fed microbe) in altering the rumen microbial composition towards proper

utilization of dry season grasses by ruminants.

5. Organic hydroponics cereals fodder production technology for sustainable dry season livestock production

xvii Conferences attended

1. 78 th Annual Conference of the British Society of Animal Science (BSAS), held at the East 8th Midlands Conference Centre and Virtually, April, 12- 14, 2022a.

Paper presented by : Idowu O.J., Adelusi O.O., Tanimowo R.O., Rafiu S.O., Babatunde T.A., Adeoye B.A., and Ojo V.O.A. (2022). Nutrient composition and in vitro degradability of fungal treated crop residues for their

use in ruminant diets.

2. 78 th Annual Conference of the British Society of Animal Science (BSAS), held at the East 8th Midlands Conference Centre and Virtually, April, 12- 14, 2022b.

Paper presented by : Idowu O.J., Wusu, T.O., Oke, S.S., Fagbemi, O.E., Kehinde, E.I., Tanimowo, R.O. and Adelusi, O.O. (2022b). Nutrient composition and in vitro degradability of fungal degraded grasses for their use in

ruminant diets.

3. 45 th Annual Conference of the Nigerian Society for Animal Production (NSAP), held at Abubakar Tafawa

Balewa University, Bauchi, Nigeria. March, 15 - 19, 2020.

Paper presented by : Idowu O.J., Chaudhry, A.S., and Dolfing, J. (2020). Investigation of growth conditions on

the laccase activity of *Pleurotus ostreatus* and *Ceriporiopsis rivulosus* during low quality forage upgrade as

possible dry season feed..

4. 68 th Annual Meeting of the European Federation of Animal Science (EAAP) held at Tallinn, Estonia, August 28 –

September 1, 2017.

Paper presented by: Bolaji, O. J., Chaudhry, A. S., and Dolfing, J. Fungal treatments effect on the chemical

composition of matured forages for their use in ruminant diet.

5. The 67 th Annual Meeting of the European Federation of Animal Science (EAAP) held at Belfast, United

Kingdom, August 29 – September 2, 2016.

Paper read presented by: Bolaji, O. J., Chaudhry, A. S., and Dolfing, J. In vitro degradability of selected Nigerian forages for their use in ruminant diets.

6. Annual Conference of British Society of Animal Science (BSAS), Science with Impact held in Chester, United

Kingdom, April 14 – 15, 2015.

Paper presented by: Bolaji, O. J., Chaudhry, A. S., and Dolfing, J. Chemical evaluation of selected Nigerian matured forages for their use in ruminant diets.

7. Annual Conference of British Society of Animal Science (BSAS), Science with Impact held in Chester, United

Kingdom, April 14 – 15, 2015.

Paper presented by: Adelusi, O. O., Onwuka, C. F. I., Idowu, O. J., Aderinboye, R. Y., and Ojo, V. O. A. In vitro

gas production and methane reduction in *Panicum maximum* incubated with palm kernel oil.

8. 68 th Annual Conference of the Nigerian Society for Animal Production (NSAP), held at University of Port –

Harcourt, March 17-20, 2013.

Paper presented by: Idowu O. J., Arigbede, O. M., Olanite, J. A., Ojo, V. O. A., Adeoye, S. A. Effect of Plant spacing and Organic Manure on growth performance of *T. africana* Var. Decne seedlings.

9. 36 th Annual Conference of Nigerian Society of Animal Production (NSAP), held at University of Abuja, March 13

-16, 2011.

Paper presented by: Arigbede O. M., Bolaji, O. J., Dele, P. A., Ojo, V. O. A., Olanite, P. O., Jejenywa. Nutrients

intake and digestibility of West African Dwarf Rams fed with graded levels of molasses and *Enterolobium cyclocarpum* seeds based concentrate diets as supplement to *Panicum maximum*.

10. 15 th Annual Conference of Animal Science Association of Nigeria (ASAN), held at University of Uyo, September,

13 – 16, 2010.

Paper presented by: Bolaji O. J., Arigbede, O. M., Aniwe, P. A., Sunmola, A. S., Olanite, J. A. Nutrients intake

and digestibility of West African Dwarf sheep fed with concentrate diets containing graded levels of toasted

Enterolobium cyclocarpum seeds as supplement to *Panicum maximum*.

11. 35 th Annual Conference of Nigerian Society for Animal Production (NSAP), held at University of Ibadan, 14 - 17 th

March 14 – 17, 2010.

Paper presented by: Arigbede O. M., Bolaji, O. J., Olanite, J. A., Jolaosho, A. O., and Sanusi, I. M. Nutrient intake and Performance of WAD sheep supplemented with graded levels of *Anchomanes difformis* (Wild yam)

and *Pennisetum purpureum*.

xviii Publications

A) Articles in Learned Journals

1. Anele U. Y., Südekum, K.-H., Arigbede, O. M., Lüttgenau, H., Oni, A. O., Bolaji, O. J., and Galyean, M. L. (2012). Chemical composition, rumen degradability and crude protein fractionation of some commercial and

improved cowpea (*Vigna unguiculata* L. Walp) haulm varieties. *Grass and Forage Science*. 67 (2): 210-218. Doi:10.1111/j.1365-2494.2011.00835x. Published by Blackwell, UK. (Indexed in Scopus).

2. Ojo V. O. A., Aina, A. B. J., Olanite, J. A., Amole, T. A., Anele, U. Y., Dele, P. A., Adeoye, S. A., and Idowu,

O. J. (2012). Evaluation of the agronomic performance and nutritive values of *Tephrosia bracteolata* guill.

and *perr.* and *Gmelina arborea* roxb prunnings at different stages of growth. *Journal of Agricultural Science and Environment (Formerly ASSET)*. 12 (2): 15-25. Published by Federal University of Agriculture, Abeokuta. Nigeria.

3. Idowu O. J., Arigbede, O. M., Dele, P. A., Olanite, J. A., Adelusi, O. O., Ojo, V. O. A., and Sunmola, A. S. (2013). Nutrients intake, Performance and Nitrogen balance of West African Dwarf sheep fed graded levels

of toasted *Enterolobium cyclocarpum* seeds as supplement to *Panicum maximum*. *Pakistan Journal of Biological Sciences*. 16 (23): 1806-1810. Published by Asian Network of Biological Sciences.

DOI:10.3923/pjbs.2013. (Indexed in SCImago).

4. Ojo V. O. A., Dele, P. A., Amole, T. A., Anele, U. Y., Adeoye, S. A., Hassan, O. A., Olanite, J. A., and Idowu,

O. J. (2013). Effect of Intercropping *Panicum maximum* Var. Ntchisi and *Lablab purpureus* on the Growth,

Herbage Yield and Chemical composition of *Panicum maximum* Var. Ntchisi at Different Harvesting Times.

Pakistan Journal of Biological Sciences. 16 (22): 1605-1608. Asian Network for Scientific Information, Pakistan. Published by Asian Network of Biological Sciences. DOI:10.3923/pjbs.2013. (Indexed in SCImago)

5. Idowu, O. J., Arigbede, O. M., Olanite, J. A., Adedire, M. O., Adeoye, S. A., and Adelusi, O. O. (2013). Effect of storage methods on germination, growth and proximate composition of *Treulia africana* Var. decne

seedlings. *Journal of Agriculture and Biodiversity Research*. 2(6): 117-123. ISSN 2277-0836. Available online at www.onlineresearchjournals.org/JABR.

6. Amole, T.A., Oduguwa, B. O., Jolaosho, A. O., Onifade, O. S., Arigbede, O. M., Olanite, J. A., Ojo, V.O.A.,

Dele, P.A., Aderinboye, R. Y., Idowu, O. J., and Akinyemi, B. (2013). Effects of sole maize and maize-lablab

silage on the ruminal volatile fatty acids (VFAS) grazing calves in the dry season. Nigerian Journal of Animal Production. 40: 133-142. Published by Nigeria Society for Animal Production. Available online at <http://www.ajol.info/index.php/njap>.

7. Amole, T. A., Oduguwa, B. O., Shittu, O., Famakinde, A., Okwelum, N., Ojo, V. O. A., Dele, P. A., Idowu, O.

J., Ogunlolu, B., Adebisi, A. O. (2013). Herbage Yield and quality of Lablab purpureus during the late dry season in Western Nigeria. Slovak Journal of Animal Science, 46 (1): 22-30. ISSN 1337-9984. Published by National Agricultural and Food Centre - Research Institute for Animal Production (RIAP) Nitra, Slovak Republic.

8. Idowu, O. J., Arigbede, O. M., Olanite, J. A., Adedire, M. O., Adeoye, S. A., Adelusi, O. O., Amole, T. A., and Ojo, V. O. A. (2014). Effect of organic manure on growth and proximate composition of *Treculia africana*

Var. decne seedlings. Nigerian Journal of Animal Production. 41: 197-204. Published by Nigeria Society for Animal Production. Available online at <http://www.ajol.info/index.php/njap>.

9. Ojo, V. O. A., Aina, A. B. J., Fasae, O. A., Oni, A. O., Aderinboye, R. Y., Dele, P. A., Idowu, O. J., Adelusi, O. O., Shittu, O. O., Okeniyi, F. A., and Jolaosho, A. O. (2014). Effects of supplementing *Leucaena*

leucocephala and conserved forages from natural pasture on the performance of grazing calves. Tropical Animal Health and Production. 46 (1): 197-202. Published by Springer UK. (Indexed in Scopus)

10. Amole, T. A., Ojo, V. O. A., Dele, P. A., Idowu, O. J., Adeoye, S. A. (2014). Influence of undersowing annual

forage legumes in early maturing maize on its Grain yield and Quality of their forage mixtures, African Journal of Range and Forage Science, 31 (1): 59-64 ISSN 1022-0119, EISSN 1727-9380. Published by Taylor & Francis, South Africa. (Indexed in SCImago)

11. Adelusi, O. O., Isah, O. A., Onwuka, C. F. I., Afolabi, R. O., Aderinboye, R. Y., and Idowu, O. J. (2016). Effect of tree leaves on rumen fermentation, microbial count and blood urea nitrogen of West African Dwarf

goats. Malaysian Journal of Animal Science, 19 (2): 19-30. Published by Malaysian Society of Animal Production, Malaysia.

12. Ewetola, I. A., Olanite, J. A., Oni, O. A., Dele, P. A., Ojo, V. O. A., Olasupo, I. O., Idowu, O. J., Jimoh, S.O., and Adekeye, A.B. (2016). Effect of organic manures sourced from different animal wastes on re-growth potential of *Panicum maximum* and *Brachiaria decumbens* in South Western Nigeria. *International Journal of Organic Agriculture Research and Development*, 12: 47-63. Published by Organic Agriculture Practitioners of Nigeria.
13. Ojo, V. O. A., Akinade, G. A., Adetokunbo, G. A., Lamidi, A. A., Jolaosho, A. O., Aderinboye, R. Y., Amole, T. A., Akinbode, R. M., Okukenu, O. A. and Idowu, O. J. (2017). Silage quality of *Pennisetum purpureum* grass mixed with processed *Enterolobium cyclocarpum* seeds at varying proportions as affected by ensiling periods. *Tropical Agriculture (Trinidad)*, 94 (4): 362 – 371. Published by Faculty of Food and Agriculture, University of the West Indies, Trinidad and Tobago. (Indexed in Scopus)
14. Idowu, O.J., Chaudhry, A.S., Dolfing, J. and Ojo, V.O.A. (2019). Influence of dry season on nutrients composition, secondary metabolites composition and antioxidant capacities of some tropical grasses. *Journal of Animal Production Research*, 31 (2): 158 – 171. Published by National Animal Production Research, Institute, Zaria, Nigeria. <http://journal.napri.gov.ng>
15. Ojo, V.O.A., Adeyemi, T.A., Oyaniran, D.K., Adeoye, G.A., Yinusa, M.D., Idowu, O.J. and Onifade, O.S. (2019). Effects of tree legume seeds on silage quality of *Panicum maximum* at two stages of maturity. *Journal of Animal Production Research*, 31 (2): 148-157. Published by National Animal Production Research, Institute, Zaria, Nigeria. <http://journal.napri.gov.ng>.
16. Adelusi O.O., Oni, A.O., Idowu, O.J., Yusuf, A.O., and Ojo, V.O.A. (2019): Rumen fermentation and microbial characteristics of grazing cattle administered coconut oil. *Journal of Animal Production Research*, 31 (2): 121-128. Published by National Animal Production Research, Institute, Zaria, Nigeria. <http://journal.napri.gov.ng>.
17. Idowu, O.J., Chaudhry, A.S., Dolfing, J, and Ojo, V.O.A. (2020). Influence of soluble content losses on the ability of aerobic fungi to improve the nutritional content of pre-treated forages. *Nigerian Journal of Animal*

Production, 47 (3): 298-308. Published by Nigeria Society for Animal Production.

<https://doi.org/10.51791/njap.v47i3.168>

18. Idowu, O. J., Chaudhry, A. S., Dolfing, J, and Ojo, V. O. A. (2020). Influence of anaerobic rumen fungal inoculation on the fermentation and nutritive content of selected forage silages. Nigerian Journal of Animal

Production, 47 (1): 278 - 289. Published by Nigeria Society for Animal Production.

19. Adelusi, O.O., Idowu, O. J., Adebayo, K.O., Balogun, M.T. and Oni, A.O. (2022). In vitro degradability of

diets containing varying levels of *Gliricidia sepium* and cassava leaf meal. Livestock Research for Rural Development, 34 (7). <http://www.lrrd.org/lrrd34/7/3464ades.html> (Indexed in Scopus and SCImago).

20. Ojo, V. O. A., Adelusi, O. O., Idowu, O. J., Adeoye, S. A., Tanimowo, R. O., Oyaniran, D. K. and Adeyemi .,

T. A. 2022. Effects of anti-nutritional contents of legume on pellets quality, intake and rumen microbial community of rams fed *Megathyrus maximus*. Applied Tropical Agriculture, 27 (2): 1–7. Published by the

School Of Agriculture and Agricultural Technology, Federal University of Technology, Akure.

21. Idowu O.J., Chaudhry, A.S., Dolfing, J. and Ojo, V.O.A. (2022). Effect of fungal treatments of some selected

fibrous forages on chemical composition, in vitro gas and methane production. Applied Tropical Agriculture, 27 (2): 8-14. Published by the School Of Agriculture and Agricultural Technology, Federal University of Technology, Akure.

22. Ojo V. O. A., Oyaniran, D. K., Adeyemi, T. A., Idowu, O. J., David O. T. and Oluseesi , G. A. (2022). Nutritive

value and blood profiles of rams to silage mixtures of *Megathyrus maximus* with *Albizia saman* parts. Applied Tropical Agriculture, 27 (2): 29-36. Published by the School Of Agriculture and Agricultural Technology, Federal University of Technology, Akure.

23. Idowu, O.J., Wusu, T.O., Oke, S.S., Fabemi, O.E., Kehinde, E.I., Ojo, V.O.A., Adelusi, O.O and Tanimowo,

R.O. (2022). Nutrient composition, in vitro gas and methane production of *Pleurotus* species degraded grasses for their use in ruminant diets. Journal of Animal Production Research, 34 (1&2): 00-00.

Published by National Animal Production Research Institute.

24. Ojo, V. O. A., Kolawole, A., Adeyemi, T. A., Idowu O. J., Adeoye, S. A., Oyaniran, D. K., Adegoke, T. A. and

Dada, F. I. 2023. Response of *Megathyrus maximus* to organic fertilizer application rate and age at harvest

in the humid zone of Nigeria. *Asian Journal of Crop Science*, 15 (2): 43 - 49. (Indexed in SCImago).

25. Ojo V. O. A., Adelusi, O. O., F Idowu, O. J., Shittu O. O., Okeniyi, F. A., Ogundapo, B. M. Dada, F. I. and Oso

A. O. 2023. Effect of increasing levels of *Leucaena leucocephala* seeds to grass pellets on performance of grower rabbits. *Tropical Animal Health and Production*, 55: 221. <https://doi.org/10.1007/s11250-023-03630-3> (Indexed in Scopus).

26. Idowu, O.J., Chaudhry, A.S., Ojo, V.O.A., Adelusi, O.O., Akinyemi, S.B., Agboola, F.O., Ogunsiji, R.T., Aderibigbe, M.A., Aina, O.T., Fabiyi, T.L. and Tanimowo, R.A. (2023). Blood profile of West African Dwarf growing bucks fed *Pleurotus ostreatus* –treated *Megathyrus maximus* and *Brachairia decumbens* – cassava peel- based diets. *Nigeria Journal of Animal Science*. Published by Animal Science Association of Nigeria. (Letter of Acceptance dated June 15, 2023).

27. Idowu, O.J., Rafiu, S. O., Babatunde, T. A., Adeoye, B. A., Ojo, V. O. A., Adelusi, O. O., Tanimowo, R. O.,

Akinyemi, B. T., and Adigun, O.J. (2023). Nutrient composition, in vitro gas and methane production of *Pleurotus* species treated crop residues for their use in ruminant diets. *Journal of Agriculture and Agricultural Technology*. Published by Federal University Dutsin-ma. (Letter of Acceptance dated June 27, 2023).

B. REFEREED CONFERENCE PROCEEDING

28. Arigbede, O. M., Anele, U. Y., Südekum, K. H., Olanite, J. A., Oni, A. O., Dele, P. A., and Bolaji, O. J. (2010). Effects of different manure sources and urea on chemical composition of three tropical pasture grasses. *Proceedings, 89 th Annual Conference of American Society of Animal Science, 11 th – 15 th July, 2010. Denver Colorado, USA.*

29. Arigbede Moses, Anele Young, Südekum Karl- Heinz, Bolaji Oluwaseun J., Oni Adebayo, Peter Dele, Iyabo Sanusi, (2010). Chemical composition of different parts of Wildyam (*Anchomanes difformis*) and the

nutritive potentials of its tuber for inclusion in small ruminant diets. International Research on Food Security,

Natural Resource Material and Rural Development World Food System-a contribution from Europe Book of

Abstracts Tropentag, September 14-16, 2010 in ETH Zurich, Switzerland.446p.

30. Arigbede O. M., Bolaji, O. J., Olanite, J. A., Jolaosho, A. O., and Sanusi, I. M. (2010). Nutrient intake and

Performance of WAD sheep supplemented with graded levels of *Anchomanes difformis* (Wild yam) and *Pennisetum purpureum*. An Appraisal Proceedings 35th Annual Conference of Nigeria Society for Animal Production (NSAP), O. J. Babayemi, Abu, O. A. and Ewuola, E. O. (Eds.) 485-487.

31. Bolaji O. J., Arigbede, O. M., Aniwe, P. A., Sunmola, A. S., Olanite, J. A. (2010). Nutrients intake and digestibility of West African Dwarf sheep fed with concentrate diets containing graded levels of toasted *Enterolobium cyclocarpum* seeds as supplement to *Panicum maximum*. An Appraisal Proceeding 15th Annual Conference of Animal Science Association of Nigeria (ASAN), O. J. Ifut, Inyang, U. A., Akpan, I. P., and Ebeso, I. E. (Eds.) 617-619.

32. Arigbede O. M., Bolaji, O. J., Dele, P. A., Ojo, V. O. A., Olanite, P. O., Jejenywa. (2011). Nutrients intake and

digestibility of West African Dwarf Rams fed with graded levels of molasses and *Enterolobium cyclocarpum*

seeds based concentrate diets as supplement to *Panicum maximum*. An Appraisal Proceedings 36th Annual Conference of Nigeria Society for Animal Production (NSAP), I. A. Adeniji, Olatunji, E. A. and Gana, E. S. (Eds.) 519-522.

33. Idowu O. J., Arigbede, O. M., Olanite, J. A., Ojo, V. O. A., and Adeoye, S. A. (2013). Effect of Plant spacing

and Organic Manure on growth performance of *T. africana* Var. *Decne* seedlings. An Appraisal Proceedings

38th Annual Conference of Nigeria Society for Animal Production (NSAP), B. M. Oruwari, Alawa, J. P., Oji, U. I., Owen, O.J. and George, O. S. (Eds.) 436-439.

34. Bolaji Oluwaseun, Arigbede Moses, Olanite Jimoh. (2013). Effect of organic manure on seedling growth

and chemical composition of *Treculia africana* Var. *decne* seedlings. Tropentag, September 147-19, 2013 in

University of Hohenheim, Hohenheim, Germany, 2013. Eric Tielkes (Ed.) 245.

35. Bolaji, O. J., Chaudhry, A. S., and Dolfig, J. (2015). Chemical evaluation of selected Nigerian matured forages for their use in ruminant diets. Proceeding of the British Society of Animal Science, S.

Athanasiadou, Chaudhry, A. S., Chikunya, S., Denwood, M., Flockhart, J., Flynn, R., Gibbons, J., Houdijk, J. G. M., Kenny, D. A., Mather, A., Mayes, R. W., McNeilly, T., Nash, D. M., Richardson, R. I., Rooke, J. A., Rose, M. T., Steele, M. A., Rymer, C., Wall, E., Wolf, B. T. and Wylie, A. R. G. (Eds.) 112. Published by Cambridge University Press.

36. Adelusi, O. O., Onwuka, C. F. I., Idowu, O. J., Aderinboye, R. Y., and Ojo, V. O. A. (2015). In vitro gas production and methane reduction in *Panicum maximum* incubated with palm kernel oil. Proceeding of the

British Society of Animal Science, S. Athanasiadou, Chaudhry, A. S., Chikunya, S., Denwood, M., Flockhart, J., Flynn, R., Gibbons, J., Houdijk, J. G. M., Kenny, D. A., Mather, A., Mayes, R. W., McNeilly, T., Nash, D. M., Richardson, R. I., Rooke, J. A., Rose, M. T., Steele, M. A., Rymer, C., Wall, E., Wolf, B. T. and Wylie, A. R. G. (Eds.) 206.

37. Bolaji, O. J., Chaudhry, A. S., and Dolfig, J. (2016). In vitro degradability of selected Nigerian forages for

their use in ruminant diets. 67 th Annual Meeting of the European Federation of Animal Science (EAAP), E., Strandberg, Van Duinkerken, G., Spoolder, H., Sauerwein, H., Tichit, M., Klopčič, M., Conington, J., Lauridsen, C., Santos, A., and Pollott, G. 410. Published by Wageningen Academic.

38. Bolaji, O. J., Chaudhry, A. S., and Dolfig, J. (2017). Fungal treatment effect on the chemical composition

of matured forages for their use in ruminant diets. 68 th Annual Meeting of the European Federation of Animal Science (EAAP), E., Strandberg, Savoini, G., Spoolder, H.A.M., Sauerwein, H., Tichit, M., Klopčič, M., Conington, J., Knol, E.F., Santos, A.S., Veldkamp, T., Halachmi, I., and Pollott, G. 341.

39. Idowu O.J., Chaudhry, A.S., and Dolfig, J. (2020). Investigation of growth conditions on the laccase activity

of *Pleurotus ostreatus* and *Ceriporiopsis rivulosus* during low quality forage upgrade as possible dry season

feed. An Appraisal Proceedings 45th Annual Conference of Nigeria Society for Animal Production (NSAP), Mancha, Y.P., Kalla, D.J.U., Bello, K.M., Mbat, S.T., Abdulkarim, M., Igila, T., and Danbirni, S. (Eds.) 1785-1788.

40. Idowu O.J., Adelusi O.O., Tanimowo R.O., Rafiu S.O., Babatunde T.A., Adeoye B.A., and Ojo V.O.A. (2022a). Nutrient composition and in vitro degradability of fungal treated crop residues for their use in ruminant diets. Proceeding of the British Society of Animal Science, Ball E.E, Le Bon M., Cameron L., Carter A., Boland T., Garnsworthy P.C., Kelly A.K., Kenny D.A., Lively F., Magowan E., Mansbridge S.C., Margerison J.K., Mather L., Mathews k., Morrison S., O'Shea C.J., Pyatt A.Z., Tennant L., Turbitt T., Turner L., Warren H.E., Waters S.M., White, G.A., Whittemore C., Wilde D., and Williams J. (Eds) 24. Published by Cambridge University Press.

41. Idowu O.J., Wusu, T.O., Oke, S.S., Fagbemi, O.E., Kehinde, E.I., Tanimowo, R.O. and Adelusi, O.O. (2022b). Nutrient composition and in vitro degradability of fungal degraded grasses for their use in ruminant diets. Proceeding of the British Society of Animal Science, Ball E.E, Le Bon M., Cameron L., Carter A., Boland T., Garnsworthy P.C., Kelly A.K., Kenny D.A., Lively F., Magowan E., Mansbridge S.C., Margerison J.K., Mather L., Mathews k., Morrison S., O'Shea C.J., Pyatt A.Z., Tennant L., Turbitt T., Turner L., Warren H.E., Waters S.M., White, G.A., Whittemore C., Wilde D., and Williams J. (Eds) 24. Published by Cambridge University Press.