

INFORMATION FOR FUNAAB WEBSITE

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Martha Nchang BEMJI

Department of Animal Breeding & Genetics,
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EDUCATION

1999-2003	Ph.D. Animal Breeding & Genetics Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria
1993-1995	M.Sc. Animal Science , Ahmadu Bello University, Zaria, Nigeria
1989-1993	Bachelor of Agriculture (Second Class Honors, Upper Division) Ahmadu Bello University, Zaria, Nigeria
2000 - 2001	Certificates in DNA & PCR Techniques FUNAAB (2-week courses in DNA/PCR techniques)
2025	Certificate of Proficiency in Cybersecurity
2021	ICDL Certificate in ICT Training ICDL Africa/ FUNAAB
1998	Diploma in Computer Programming Soft Design Computer Institute, Zaria, Nigeria (3-month course)
1986-1988	G.C.E. 'A' Level Certificate Cameroon College of Arts, Sci. & Tech., Bambili, Cameroon
1981-1986	G.C.E. 'O' Level Certificate Cameroon College of Arts, Sci. & Tech., Bambili, Cameroon

PRIZES, SCHOLARSHIPS/AWARD, COMMENDATIONS

- **Best graduating student** of the Department of Animal Science, Ahmadu Bello University (ABU), Zaria in 1993.
- German Academic Exchange (**DAAD**) Scholarship for MSc study in ABU, Zaria in 1994.
- **DAAD** Scholarship for Ph.D study in ABU, Zaria in 1995 (Elapsed).
- Vice Chancellor's overseas Conference grant (**FUNAAB**) and International Goat Association (**IGA**) Scholarship to cover costs at the 9th International Conference on Goats, **Mexico** in 2008.
- Tertiary Education Trust Fund overseas conference grant award by Federal Government of Nigeria to attend 5th All African Conference on Animal Agriculture in Addis Ababa, **Ethiopia** from October 24-28, 2010.
- Sponsorship by the **Bill & Melinda Gates Foundation** and Biosciences eastern and central Africa - International Livestock Research Institute (**BecA-ILRI**) to attend the Agricultural Research Connections Workshop at Nairobi, **Kenya** from July 21-26, 2013.
- Sponsorship to attend a workshop organized by **BecA-ILRI** Hub on Scientific Research Paper Writing at the Nelson Mandela Institute of Science and Technology, Arusha, **Tanzania** on November 18-22, 2013.

- **2014 Travel Grant Award** by organizing Committee of World Congress on Genetics to attend the 10th World Congress on Genetics Applied to Livestock Production at Vancouver, British Columbia, **Canada** on August 17-22, 2014.
- Sponsorship to attend a workshop on “Advanced Genomics and Bioinformatics Training” organized by Biosciences Eastern and Central Africa - International Livestock Research Institute Hub, Nairobi, **Kenya** from September 7-18, 2015.
- Animal Quantitative Genetics and Genomics Training Workshop organized by Biosciences Eastern and Central Africa - International Livestock Research Institute Hub, Nairobi, **Kenya** from June 19-30, 2017.
- **Erasmus+ International Credit Mobility Programme (2023)** for Academic Staff Exchange to Mendel University in Brno, **Czech Republic** (March 21-28, **2023**)
- **Nine (9) letters of commendation** from different authorities in recognition of good performance/general attitude to work from 2000 - 2017.

RESEARCH GRANT AWARD

- **Tertiary Education Trust Fund (TETFund) Research grant (2010)** No. UNAAB/IFSERAR/IRG 46 by Federal Government of Nigeria through Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR), FUNAAB to investigate “Prevalence of sheep and goat mange as influenced by coat colour phenotype and associated haematological and biochemical parameters” (*Principal Investigator*).
- **Science and Technology Education Post-Basic (Step B) project grant** tagged “2010 Innovators of tomorrow grants” by Federal Ministry of Education to augment ETF research grant in item (a) (*Principal Investigator*).
- **TETFUND Research grant (2013)** to the tune of N1,500,000 to investigate “Adaptation, multiplication and crossbreeding of Kalahari Red and West African Dwarf goats for enhanced livelihood among farm families. (*Member of Team*).
- **TETFUND Research grant (2015)** to the tune of N1,470,000 to investigate “Performance, multiplication and crossbreeding of Kalahari Red & West African Dwarf goats for enhanced livelihood among farm families. (*Member of Team*).
- **CV Rahman International Fellowship for African Researchers** for 6-month Postdoctoral Fellowship in **2016** by the Government of **India** (elapsed).

WORK EXPERIENCE/ POSITIONS HELD

October 1, 2017 -	Professor , Department of Animal Breeding & Genetics (ABG), FUNAAB
Aug. 1, 2017 - July 31, 2019	Acting Head of Department , ABG, FUNAAB
October 1, 2014 - Sept. 31, 2017	Associate Professor , ABG, FUNAAB
April, 2012 - Sept., 2017	Coordinator , Departmental Postgraduate programme
Jan. 19, 2010 - Jan. 19, 2012	Deputy Dean , College of Animal Science and Livestock Production (COLANIM), FUNAAB, Nigeria
June 1, 2009 - Sept. 31, 2014	Senior Lecturer , ABG, FUNAAB
Aug. 2, 2007 - May 11, 2009	Coordinator , ABG, FUNAAB

Oct. 1, 2005 - July 31, 2009

Lecturer I, ABG, FUNAAB

July 6, 2002 - Sept. 31, 2005

Lecturer II, ABG, FUNAAB

June, 2001- Nov., 2002

Editorial Assistant, ASSET Journal, FUNAAB

STUDENT SUPERVISION (2003 - 2026)

- Postgraduate: Ph.D: **7** (2 on-going)
M.Agric.: **32** (4 on-going)
- Undergraduate: **180** (10 on-going)

MEMBERSHIP OF PROFESSIONAL BODIES

- Life Member, Nigerian Society for Animal Production
- Registered Animal Scientist (RAS 151) - Nigerian Institute of Animal Science (NIAS)
- Member, Canadian Society for Animal Science (2015)
- Member, International Society for Animal Genetics (ISAG) (2010 - 2013)
- Member, International Goat Association (IGA) (2007 - 2012)
- Member, Biotechnology Society of Nigeria (2004)

UNIVERSITY EXTERNAL EXAMINATIONS

- PhD Theses: **4**
- PGD Project: **1**

EXTERNAL ASSESSOR

- Professorial Position: **3**
- Associate Professor: **2**

PUBLICATIONS

- Chapters in Book: **6**
- Journal Articles: **50**
- Refereed conference Proceedings: **24**
- Documented exhibition: **1**

REVIEWER FOR SOME JOURNALS: 10

CURRENT RESEARCH INTEREST

- Comparative study of quantitative traits in small ruminants using conventional methods, digital image analysis and computer vision.
- Validation of different methods of estimating liveweight from linear body measurements in sheep and goats.

13. Passport-sized photograph:



14. Short Profile:

Martha Nchang BEMJI is a Professor of Animal Breeding and Genetics (ABG) at Federal University of Agriculture, Abeokuta (FUNAAB), Nigeria. She obtained her undergraduate degree in Agriculture (1993) from Ahmadu Bello University (ABU), Zaria, Nigeria. Her M.Sc. in Animal Science (1995) from ABU and PhD in Animal Breeding and Genetics (2003) from FUNAAB were received under the tutelage of Professor O.A. Osinowo. After serving as Editorial Assistant for FUNAAB Journals (2001), she was appointed Lecturer II (2002) and rose through the ranks to become a full professor in 2017.

In administrative capacity, she has held several management positions at FUNAAB among which are Coordinator, ABG Department (2007-2009), Deputy Dean and Coordinator of postgraduate programmes in the College of Animal Science and Livestock Production (2010-2012), and Acting Head of ABG Department (2017-2019). She has chaired several committees (Committee on full computerization of students' records, College Committee on Examination Results, College e-Lecture Notes Editorial Committee, College Committee on development of 30% Core Curriculum and Minimum Academic Standards), and also served as a member of several committees on Bio-safety, Livestock Production Research, Screening for prospective students, Senate Examination Results, as well as a representative of the College at Student Industrial Work Scheme Committee from 2014-2019. She served as Member of Postgraduate School Business Committee, and also a representative of the Postgraduate School at oral examination panels from time to time. She has over the years obtained nine (9) commendations/appreciation letters from various authorities in recognition of her meritorious service.

She has served as adviser of undergraduate students at different levels, taught several courses at undergraduate level (Principles of Genetics, Quantitative Heredity in Animal Breeding, Population Genetics, Animal Behaviour and Welfare) and postgraduate level (Population Genetics, Developmental Genetics and Poultry Genetic Resources). During the last 24 years at FUNAAB, she supervised several research projects mostly on small ruminant genetics and improvement, graduating over 5 PhD students (2 as major supervisor), 28 Master students (13 as major supervisor) and 170 Undergraduate students.

Bemji has over 80 scholarly publications with 6 chapters in text book, 50 peer reviewed journal papers and 24 refereed conference proceedings. She has also served as a reviewer for several highly reputable local and international journals, an external examiner for undergraduate and postgraduate programmes, PhD Theses and Postgraduate Diploma project, and has also assessed candidates for Associate and Professorial positions in other universities.

15. Education:

Institution	Qualification	Year
Federal University of Agriculture, Abeokuta, Nigeria	Ph.D (Animal Breeding and Genetics)	2003
Ahmadu Bello University, Zaria, Nigeria	M.Sc. (Animal Science)	1995
Ahmadu Bello University, Zaria, Nigeria	Bachelor of Agriculture (2 ¹)	1993

16. Research Areas:

- Comparative study of quantitative traits in small ruminants using conventional methods, digital image analysis and computer vision.
- Validation of different methods of estimating liveweight from linear body measurements in sheep and goats.

17. Awards Received:

- **Best graduating student** of the Department of Animal Science, Ahmadu Bello University (ABU), Zaria in 1993.
- German Academic Exchange (**DAAD**) Scholarship for MSc study in ABU, Zaria in 1994.
- **DAAD** Scholarship for Ph.D study in ABU, Zaria in 1995 (Elapsed).
- **2014 Travel Grant Award** by organizing Committee of World Congress on Genetics to attend the 10th World Congress on Genetics Applied to Livestock Production at Vancouver, British Columbia, **Canada** on August 17-22, 2014.
- **Erasmus+ International Credit Mobility** Programme (2023) for Academic Staff Exchange to Mendel University in Brno, **Czech Republic** (March 21-28, **2023**)

18. University Appointments:

- Deputy Dean, College of Animal Science and Livestock Prod., FUNAAB (2010-2012)
- Coordinator, Department of Animal Breeding and Genetics, FUNAAB (2007-2009)
- Acting Head, Department of Animal Breeding and Genetics, FUNAAB (2017-2019)

19. Membership of Academic and Professional Bodies:

- Life Member, Nigerian Society for Animal Production
- Registered Animal Scientist (RAS 151) - Nigerian Institute of Animal Science (NIAS)
- Member, Canadian Society for Animal Science (2015)
- Member, International Society for Animal Genetics (ISAG) (2010 - 2013)
- Member, International Goat Association (IGA) (2007 - 2012)
- Member, Biotechnology Society of Nigeria (2004)

20. Selected Relevant Conferences Attended:

- Fifth All African Conference on Animal Agriculture, October 24-28, 2010, Addis Ababa, Ethiopia.
- 9th International Conference on Goats, August 31 - September 5, 2008, Queretaro, Mexico.
- Tenth (10th) World Congress on Genetics Applied to Livestock Production, August 17-22, 2014, Vancouver, British Columbia, Canada.
- 28th Annual Conference of the Nigerian Society for Animal Production, March 16-20, 2003, Inst. of Agric. Res. and Training, Obafemi Awolowo University, Ibadan, Nigeria.
- 29th Annual Conf. of the Genetics society of Nigeria, October 11-14, 2004, FUNAAB, Nigeria.
- 30th Annual Conference of the Nigerian Society for Animal Production, March 20-24, 2005, University of Nigeria, Nsukka, Nigeria.
- 13th Annual Conference of the Animal Science Association of Nigeria. September 15-19, 2008, Ahmadu Bello University, Zaria, Nigeria.
- 48th Annual Conference of the Nigerian Society for Animal Production, June 18-22, 2023, Federal University of Dutsin-ma, Katsina, Nigeria

21. Selected Publications:

i. Chapters in Book

1. Ibeagha-Awemu, E.M., Osei-Amponsah, R. and **Bemji, M.N.** 2026. African Livestock Production Systems: The Past, Present and the Projected Future. **Chapter 2.** In: African Livestock Genetic Resources and Sustainable Breeding Strategies: Unlocking a Treasure Trove and Guide for Improved Productivity. Eds: Eveline M. Ibeagha-Awemu, Sunday O.

Peters, Appolinaire Djikeng, John E. O. Rege. *Springer Nature*. ISBN 978-3-031-92075-2. <https://link.springer.com/book/10.1007/978-3-031-92076-9>.

2. Okpeku, M., **Bemji, M.N.**, Houaga, I., Fantazi, K., Banda, L., Gondwe, T., Chenyambuga, S., Elnahta, S.A., Mthiyane, D.M.N., Belay, S., Dessie, T., Adewumi, T.S., Oliver Hanotte, O. 2026. African Goat Genetic Resources, Diversity and Unique Features. **Chapter 5**. In: African Livestock Genetic Resources and Sustainable Breeding Strategies: Unlocking a Treasure Trove and Guide for Improved Productivity. Eds: Eveline M. Ibeagha-Awemu, Sunday O. Peters, Appolinaire Djikeng, John E. O. Rege. *Springer Nature*. ISBN 978-3-031-92075-2. <https://link.springer.com/book/10.1007/978-3-031-92076-9>.

3. **Bemji, M.N.**, Gaouar, S.B.S, Ameer Ameer, A., Belharfi, F.Z., Houaga, I. and Muigai, A.W.T. 2026, African Sheep Genetic Resources, Diversity and Unique Features. **Chapter 6**. In: African Livestock Genetic Resources and Sustainable Breeding Strategies: Unlocking a Treasure Trove and Guide for Improved Productivity. Eds: Eveline M. Ibeagha-Awemu, Sunday O. Peters, Appolinaire Djikeng, John E. O. Rege. *Springer Nature*. ISBN 978-3-031-92075-2. <https://link.springer.com/book/10.1007/978-3-031-92076-9>.

4. **Bemji, M.N.**, Ibeagha-Awemu, E.M., Ameer Ameer, A.K., Beja-Pereira, A., Labacci, M., Banda, L.J. and Gaouar, S.B.S. 2026. African Donkey Genetic Resources, Diversity and Breeding Strategies. **Chapter 10**, In: African Livestock Genetic Resources and Sustainable Breeding Strategies: Unlocking a Treasure Trove and Guide for Improved Productivity. Eds: Eveline M. Ibeagha-Awemu, Sunday O. Peters, Appolinaire Djikeng, John E. O. Rege. *Springer Nature*. ISBN 978-3-031-92075-2. <https://link.springer.com/book/10.1007/978-3-031-92076-9>.

5. Ibeagha-Awemu, E.M., Peters, S.O., **Bemji, M.N.**, Omonijo, F.A., Feugang, J.M. and Raphael Mrode, R. 2026. The Role of Modern Technologies for Sustainable Genetic Improvement of African Livestock. **Chapter 20**, In: African Livestock Genetic Resources and Sustainable Breeding Strategies: Unlocking a Treasure Trove and Guide for Improved Productivity. Eds: Eveline M. Ibeagha-Awemu, Sunday O. Peters, Appolinaire Djikeng, John E. O. Rege. *Springer Nature*. ISBN 978-3-031-92075-2. <https://link.springer.com/book/10.1007/978-3-031-92076-9>.

6. Ibeagha-Awemu, E.M., **Bemji, M.N.**, Omonijo, F.A., Osei-Amponsah, R., Trocmé, D. and Duranna, O. 2026. The Role of Modern Technologies for Improving the Production Environment of Livestock in Africa. **Chapter 21**, In: African Livestock Genetic Resources and Sustainable Breeding Strategies: Unlocking a Treasure Trove and Guide for Improved Productivity. Eds: Eveline M. Ibeagha-Awemu, Sunday O. Peters, Appolinaire Djikeng, John E. O. Rege. *Nature*. ISBN 978-3-031-92075-2. <https://link.springer.com/book/10.1007/978-3-031-92076-9>.

ii. Journal articles:

7. **Bemji, M.N.**, O. A. Osinowo, O.A. Adebambo, M.O. Ozoje and A.B.J. Aina. 2006. Live weight changes during lactation and its relationship with milk off-take in West African Dwarf and Red Sokoto goats intensively managed in the humid zone of Nigeria. *Nigerian Journal of Animal Production*. 33(1&2): 145-150.

8. **Bemji, M.N.**, O. A. Osinowo, O.A. Adebambo, M.O. Ozoje and A.B.J. Aina. 2006. Relationship among milk off-take, yield and intake of West African Dwarf and Red Sokoto goats intensively managed in South-western Nigeria. *ASSET Series A*. 6(2):227-236.

9. **Bemji, M.N.** and E.M. Ibeagha-Awemu, O.A. Osinowo and G. Erhardt. 2006. κ -casein (CSN3) genetic variability of the Nigerian Red Sokoto goat. *Nigerian Journal of Genetics*. 20:1-8. <http://dx.doi/10.4314/njg.v20i1.42246>.

10. **Bemji, M.N.**, O.A. Osinowo, M.O. Ozoje, O.A. Adebambo and A.B.J. Aina. 2007. A comparative study on milk yield and preweaning growth of West African Dwarf and Red Sokoto

goats intensively managed in south-western Nigeria. *Ghanaian Journal of Animal Science*. 2&3 (1):81-88.

11. **Bemji, M.N.** and O. A. Osinowo. 2009. Prediction of milk yield from udder circumference and distance between teats in goats. *Nigerian Journal of Animal Production*. 36 (1&2):1-9.

12. **Bemji, M.N.** and S A Popoola 2011. A note on the incidence of udder abnormalities in West African Dwarf goat in South Western Nigeria. *Livestock Research for Rural Development*. 23(03). <http://www.lrrd.org/public-lrrd/proofs/lrrd2303/bemj23082.htm>.

13. Ogundiyi, A.I., **Bemji, M.N.**, Adebambo, O.A., Dipeolu, M.A., Onagbesan, O.M., James, I.J. and Osinowo, O.A. 2012. Prevalence of mange among West African Dwarf sheep and goats and associated haematological and biochemical parameters. *Tropical Animal Health Production*. 44:1263-1269. <https://link.springer.com/article/10.1007/s11250-011-0067-z>.

14. **Bemji, M.N.**, A.A. Ogunjimi, A.J. Ode, S.R. Okediji, A.T. Akinwunmi, T.O. Sanyaolu, B. S. Salawudeen, B.A. Kelani, A.O. Ogunsola, M.O. Agunbiade, A.S. Adenaike and A.I. Ogundiyi. 2012. Prevalence of coat colour phenotypes in West African Dwarf sheep reared by small holder farmers in South Western Nigeria. *American Journal of Experimental Agriculture*. 2(4):587-596. http://www.journalrepository.org/media/journals/AJEA_2/2012/Aug/1346154755-Bemji%20etal_2-4-2012AJEA1544.pdf.

15. **Bemji, M.N.**, Ogundiyi, A.I., Adebambo, O.A., Dipeolu, M.A., Onagbesan, O.M., James, I.J. and Osinowo, O.A. 2012. Prevalence of coat colour phenotypes and its influence on mange infestation of West African Dwarf goat. *Bulletin of Animal Health and Production for Africa*. 60(4): 331-338. <https://www.ajol.info/index.php/bahpa/article/view/91842>.

16. **Bemji, M.N.**, E.O. Awotunde, O. Olowofeso, I.J. James, B.O. Oduguwa, N. Okwelum and O.A. Osinowo. 2014. Maintenance of mtDNA diversity in Kalahari Red goat of South Africa imported to Nigeria. *Animal Genetic Resources*. 55:39-46. DOI: <https://doi.org/10.1017/S2078633614000289>.

17. Awotunde, E.O., **Bemji, M.N.**, Olowofeso, O., James, I.J., Ajayi, O.O. and Adebambo, A.O. 2015. Mitochondrial DNA sequence analysis and phylogenetic relationships among two Nigerian goat breeds and South African Kalahari Red. *Animal Biotechnology*. 26:180-187. <http://www.tandfonline.com/doi/abs/10.1080/10495398.2014.97707>.

18. Muritala, I., Adebambo, A.O., Afolayan, O., **Bemji, M.N.**, Landi, V., Delgado, J.V., Martinez, A., Aina, A.B.J. and Adebambo, O.A. 2015. Genetic diversity and population structures of Nigerian indigenous goat with out-group from Europe and South Africa using DNA microsatellite marker. *Archivos De Zootecnia*. 64:93-98. http://www.uco.es/organiza/servicios/publica/az/php/mg/web/17_10_26_13_3337_9_FIN.pdf.

19. Ajibike, A.B., Ilori, B.M., Awotunde, E.O., Adegboyega, A.R., Osinbowale, A.D., **Bemji, M.N.**, Durosaro, S.O. and Adebambo, A.O. 2016. Genetic diversity and effect of selection at the mitochondrial hypervariable region in major Nigerian indigenous goat breeds. *Asian-Australasian Journal of Animal Science*. Vol. 30. <http://dx.doi.org/10.5713/ajas.15.0775>.

20. **Bemji, M. N.**, Tukur, H.A. and Umejiesi, S.I. 2016. Incidence of udder abnormalities in West African Dwarf and Kalahari Red goats: Influence of teat number on milk production. *Bulletin of Animal Health and Production for Africa*. 64, 21-31. <https://www.ajol.info/index.php/bahpa/article/view/150402>.

21. James, I.J., Osinowo, O.A., Smith, O.F., **Bemji, M.N.**, Williams, T.J., Ajayi, O.L., Oluwole, O. and Olaniyi, M.O. 2017. Effects of bovine somatotropin on milk yield, mammary gland weight

and histology in West African Dwarf goats. *Archivos de Zootecnia*. 66 (254):173-179. <https://www.uco.es/ucopress/az/index.php/az/>.

22. Oderinwale O.A., Oluwatosin B.O., Sowande O.S., **Bemji M.N.**, Amosu S.D. and Sanusi G.O. 2017. Concentrate supplementations of grazing pregnant Kalahari Red does: Effects on pregnancy variables, reproductive performance, birth types and weight of kids. *Tropical Animal Health and Production*. doi:10.1007/s11250-017-1303-y, <http://bit.ly/2shgGK1>.

23. Oderinwale, O.A., Oluwatosin, **B.O.**, **Bemji, M.N.** and Sowande, O.S. 2016. Effects of concentrate diets supplementation of pregnant Kalahari Red goats grazed on *Chloris gayana* on performance characteristics in South-Western Nigeria. *CIHEAM* 115:261-267 (Options Mediterranean). <http://om.ciheam.org/om/pdf/a115/a115.pdf>. Journal published by Centre International de Hautes Etudes Agronomiques Mediterraneenes.

24. Isa, A.M., **Bemji, M.N.** Wheto, M. Williams, T.J. and Ibeagha-Awemu, E.M. 2017. Mutations in inhibin alpha gene and their association with litter size in Kalahari Red and Nigerian goats. *Livestock Science*. 203: 106-109. <https://doi.org/10.1016/j.livsci.2017.07.012>.

25. **Bemji, M.N.**, Isa, A.M., Ibeagha-Awemu, E.M. and Wheto M. 2018. Polymorphisms of caprine *GnRHR* gene and their association with litter size in West African Dwarf goats. *Molecular Biology Reports*. 45(1):63-69. <https://doi.org/10.1007/s11033-017-4141-0>.

26. [Isa, A.M.](#), [Bemji, M.N.](#), [Wheto, M.](#), [Williams, T.J.](#) and [Ibeagha-Awemu, E.M.](#) 2019. Characterization of gonadotropin releasing hormone receptor gene in Sokoto and Kalahari Red goats. *Animal Reproduction Science*. 208:106-109. doi:10.1016/j.anireprosci.2019.106109.

27. [Eveline M. Ibeagha-Awemu](#), [Sunday O. Peters](#), [Martha N. Bemji](#), [Matthew A. Adeleke](#) and [Duy N. Do](#). 2019. Leveraging Available Resources and Stakeholder Involvement for Improved Productivity of African Livestock in the Era of Genomic Breeding. Review Article. *Frontiers in Genetics*, <https://doi.org/10.3389/fgene.2019.00357>.

28. Okwelum, N., Akintuotu, O.A., **Bemji, M.N.**, Daramola, J.O., Oluwatosin, B.O., Onagbesan, O.M. and Osinowo, O.A. 2019. Prevalence of *Trypanosoma vivax* infection of cattle in south-west Nigeria. *Nigerian Journal of Animal Production*. 46(2):228-234.

29. Nwosu, E.U., James, I.J., Olowofeso, O., Williams, T.J., **Bemji, M.N.** 2019. Effects of oxytocin administration on milk yield and milk composition of West African Dwarf does. *Small Ruminant Research* 181:45-50. <https://doi.org/10.1016/j.smallrumres.2019.09.012>

30. Okwelum, N., Onagbesan, O.M., Akintuotu, O.A., **Bemji, M.N.**, Daramola, J.O., Osinowo, O.A. 2020. Variations in interleukin-10 gene underlying trypanotolerance in Nigerian indigenous cattle. *Alexandria Journal of Veterinary Sciences* 64(2): 13-20.

31. Briggs, I.P., **Bemji, M.N.**, Wheto, M. and James, I.J. 2020 Sequencing, polymorphism and phylogenetic characterization of kiss-1 gene in two Nigerian indigenous goat breeds. *Biotechnology in Animal Husbandry* 36 (3):283-295. <https://doi.org/10.2298/BAH2003283B>

32. Omotosho, B.O., **Bemji, M.N.**, Bamisile, K., Ozoje, M.O., Oluwatosin, B.O., Sowande, O.S., Wheto, M., James, I.J., Lawal, A.M. and Osinowo, O.A. 2020. Comparative study of growth patterns of Kalahari Red goats and West African dwarf goats reared in Southwest Nigeria. *Nig. J. Anim. Prod.* 2020, 47(5): 213-226. <https://www.researchgate.net/publication/349619720>.

33. Okwelum, N., Onagbesan, O., Akintuotu, A., **Bemji, M.N.**, Daramola, J., Osinowo, O.A. and Onwuka, O. 2020. Molecular survey of *Trypanosoma congolense* “Forest type” in Nigerian cattle. *Nigerian Veterinary Journal*. 41(4):243-352. Doi 10.4314/nvj.v41i4.7

34. Olasege B.S., **Bemji M.N.**, Ibeagha-Awemu, E.M., Mani Isa A., Wheto, M., Sulaimon, G.D., Ayinde, M.O., Sodimu, B.O., Ogunniyi, D.A., Okwelum, N., and Oluwatosin, B.O. 2021. Genetic polymorphism in the POU1F1 gene in Kalahari Red and two Nigerian goat breeds and their relationship with litter size. *Genetic and Biodiversity Journal*, 5 (1):42-59. <http://ojs.univ-tlemcen.dz/index.php/GABJ>.
35. Adeyinka Sanda, **Martha Bemji**, Mathew Wheto, Abimbola OSO, Mofoyeke Sanda, Olajide Olowofeso. 2021. Ghrelin (GHRL) Gene Polymorphism and its Association with Growth and Body Size Parameters in Three Nigerian Chicken Breeds. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies*. 18(1):34-48. <http://dx.doi.org/10.15835/buasvmcn-asb:2020.0019>.
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37. Sanda, A.J., **Bemji, M.N.**, Wheto, M., Oso, A.O., Sanda, M.O. and Olowofeso, O. 2022. Genetic and phenotypic correlation coefficients of quantitative traits in two chicken genotypes. *Genetica*, 54(1): 307-328. <https://doi.org/10.2298/GENSR2201307S>.
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22. **Patents: Include patent number and year:** Nil