CURRICULUM VITAE

I. (a) **NAME:** **MATTHEW OLUGBENGA OYEYEMI**
(b) **DATE OF BIRTH:** 3 April 1961
(c) **DEPARTMENT:** Theriogenology
(d) **FACULTY:** Veterinary Medicine
(e) **E- MAIL** momattyemi@gmail.com
mo.oyeyemi@mail1.ui.edu.ng

II. (a) **FIRST ACADEMIC APPOINTMENT: Lecturer II,** 29 October 1993
(b) **PRESENT POST (WITH DATE): Professor** 1 October 2008

III. **UNIVERSITY EDUCATION (WITH DATES)**
(a) University of Ibadan 1985 -1990
(b) University of Ibadan 1991 -1992
(c) University of Ibadan 1992 -2002

IV. **ACADEMIC QUALIFICATIONS (With dates and granting bodies)**
DVM, University of Ibadan 1990
MVPH,University of Ibadan 1992
PhD, University of Ibadan 2002

V. **PROFESSIONAL QUALIFICATIONS AND DIPLOMAS (WITH DATES)**
i. Doctor of Veterinary Medicine (**DVM**) 1990
ii. Membership, College of Veterinary Surgeons Nigeria (**MCVSN**) 2004
iii. Fellow, College of Veterinary Surgeon Nigeria (**FCVSN** 2013
iv. Fellow, Chartered Institute of Information and Strategic Management (**FCIISM)** 2018

VI. **SCHOLARSHIP, FELLOWSHIPS, GRANTS AND PRIZES (WITH DATES)**
i. University of Ibadan Senate Research Grant 1996
ii. University of Ibadan Senate Research Grant 2006
iii. National Agriculture Research Programme 2004
iv. University of Ibadan Senate Research Grant 2010

VIIa **HONOURS, DISTINCTIONS AND MEMBERSHIP OF LEARNED SOCIETIES**

- Member, Nigerian Veterinary Medical Association (**NVMA**)- National
- Member, Nigerian Veterinary Medical Association (**NVMA**)-Oyo State Branch
- Member, International Goat Association.
- Member, Science Association of Nigeria
- Member**,** American Society for Pharmacology and Experimental Therapeutics (ASPET)
- The reward for Excellence for the year 2011 (**Teaching Category**) by the University of Ibadan
- Best Clinical Lecturer by DVM Class 2016, Faculty of Veterinary Medicine, University of Ibadan, Nigeria.

VIIb. **AWARDS/ HONOURS BY NON-GOVERNMENTAL ORGANIZATION**

- ❖ Time - Out Home and Youth Foundation Ibadan. Award of Excellence in Family Ministries
- ❖ Vet News Organization Faculty of Veterinary Medicine, University of Ibadan, Nigeria. Award of Honour 2010
- ❖ The Student Farm Research Foundation University of Ibadan, Nigeria Award of Excellence 2014
- ❖ Students of Nnamdi Azikiwe Hall, University of Ibadan, Nigeria Award of reatness 2016
- ❖ Student Farm Research Foundation, University of Ibadan, Nigeria. Meritorious Award of Excellence 2016
- ❖ Association of the Veterinary Medical Students University of Ibadan, Nigeria. 2016 Merit Award
- ❖ Nigerian Veterinary Medical Association (NVMA) Oyo State Branch, Award of Excellence 2016

VIII. **Details of Teaching Experience at University Level:**

(a) Duration 1993 – to Date

Since I joined the Department of Veterinary Surgery and Reproduction in October 1993 as a Lecturer, I have taught Andrology and Artificial Insemination, Obstetrics, Gynaecology, Mastitis and Udder Health Management, Neonatal care of farm and domestic animals and the use of ultra- sound in pregnancy diagnosis to Veterinary Students.

(b) COURSES TAUGHT

I have jointly taught these courses with other lecturers:

Subjects	Course Title	Unit	Semester
Veterinary Gynaecology	VTR 521	3	2^{ND}
Theriogenology Clinics I	VTR 531	6	1^{ST}& 2^{ND}
Andrology and Artificial Insemination	VTR 612	2	1^{st}
Obstetrics, Mastitis and Udder Health Management	VTR 613	2	1^{st}
Small Animal Reproduction	VTR 624	2	2^{nd}
Diagnostic Imaging	VSR 628	2	2^{nd}
Theriogenology Clinics II	VTR 632	6	1^{st}& 2^{nd}
Field Practice	VSR 422	6	Vacation
Genetics and Cytogenetics of Reproductive Disorders	VTR 722	3	1^{st}
Advanced Obstetrics	VTR 715	3	1^{st}&2^{nd}
Postgraduate Clinics	VTR 731	2	1^{st}& 2^{nd}
Reproductive Diseases	VTR 716	3	1^{st}
Advanced Reproductive Nutrition	VTR 720	3	2^{nd}
Udder Health management	VTR 727	3	2^{nd}
Advanced Andrology	VTR 723	3	2^{nd}
Semen Preservation and Artificial Insemination	VTR 713	4	1^{st}& 2^{nd}
Advanced Clinical Approach to Theriogenology cases	VTR 723	3	1^{st}& 2^{nd}

(C) UNDERGRADUATES SUPERVISION

I have also supervised the following undergraduate students who are now contributing their parts to the Veterinary profession;

1. **Olaoye, Matthew Olakunle** (58352). Effect of frequent ejaculation on the semen characteristics of West African Dwarf bucks. (1994/95).

2. **Omobowale, Olutayo Temitayo** (54683) Effect of frequent ejaculation on some morphological parameters of sperm of West African Dwarf (WAD) bucks (1994/95).

3. **Akinsorotan, Olaolu Abidemi** (56717). Hepatocellular response to Orchidectomy in adult West African Dwarf bucks (1995/96)

4. **Idehen, Christopher Osagie** (56891). Sperm Morphology and Epididymal characteristics of spermatozoa from WAD buck (1995/96).

5. **Ayorinde, Oluwafunso Oluwaseun** (57586). Effect of nutrition on the gestation length and birth weight of aged WAD does (1995/96).

6. **Edike, Isioma Osiebuni** (58114). Effects of nutrition and cross-breeding on the birth parameters of kids of aged WAD goats. (1995/96).

7. **Osagie, Ajibuedife Peter** (59249). A retrospective study of the prevalent reproductive cases in Dogs and goats in Edo State, Nigeria (1995/96).

8. **Jolaosho, Victoria Bukola O.** (61685). The effect of feed supplement on the weight changes, proteins, liver enzymes in the pre- and post-partum period in WAD does (1996/97).

9. **Akingbogun, Olubunmi K** (56697). Effect of feed supplementation on weight change, Birth-weight and liver enzymes in aged WAD does. (1996/97).

10. **Kuforiji, Olugbenga A.** (61562). Effect of feed supplementation on weight change and the levels of liver enzymes and minerals during gestation and after parturition in WAD does (1996/97).

11. **Eimunjeze, Henry Ehizokale** (59555). Effect of scrotal insulations on the testicles and semen characteristics of WAD bucks (1996/97).

12. **Kadiri, Adedeji Oladapo** (61038). Effects of starvation on semen Morphology of West African Dwarf bucks (1996/97).

13. **Agbesola, Olumide O.** (62150). The effect of starvation on semen characteristics of West African Dwarf bucks (1996/97).

14. **Ilori Henry C.O.** (61698). Effect of feeding *Chromolena odorata* on weight changes and blood parameters in WAD does. (1997/98).

15. **Ibironke, Ademola Adeshupo** (66538). Short-term effects of vasectomy on semen characteristics of West African Dwarf goats. (1997/98).

16. **Lawal, Babatunde** (70065). Comparative Hematological changes in Synchronized West African Dwarf Goat and crossed Red Sokoto Goat. (1998/99).

17. **Oluwole, Bankole Oladipo** (66575). Effects of meat offal and Soybeans on characteristics of sperm cells of West African dwarf bucks (1998/99).

18. **Ogunfowora, Oluwole Olugbenga** (69560). Effects of different planes of Soya meal on epididymal transit of spermatozoa of rabbits (*Chinchilla Breed*) (1998/99).

19. **Sowole, M. Jayeola** (70133). Effect of tomato juice as semen extender on the motility and viability of goat buck Spermatozoa (1998/99).

20. **Oladejo, Bukola** (69956). The effect of different planes of meat offal and soya bean meal on the morphological characteristics of spermatozoa in West African Dwarf buck (1998/99).

21. **Okediran, Babatunde Samuel** (69948). Effects of different planes of Soya meal on testicular parameters and sperm characteristics of Rabbits. (Chinchilla Breed) (1998/99).

22. **Ambekemo, Temitope Bankole** (67311). Effects of Different planes of soymeal on morphological characteristics of Spermatozoa and blood parameters of Rabbits- (C*hinchilla*). (1998/99).

23. **Soetan, Kehinde Olugbenga** (70704). Responses of West African Dwarf Does to Silestrus implant and Associated Hematological Changes. (1998/99).

24. **Bello, Kabiru** (70820). Effectiveness of *veramix sponge* as Oestrus synchronisation agent in WAD and Red Sokoto. (1998/99).

25. **Oparinde, Nafiu Adigun** (73105). The vaginal cytology of African Giant Rat *(Cricetomys gambianus,* water house) Synchronized with prostaglandin F2 alpha and *Dinoprost Tromethamine (2000/* 2001).

26. **Hogan-Bassey Asuquo O.** (74317). Effect of plane of nutrition and royal jelly feed supplementation on vital reproductive statistics in *Ouda* sheep *(2000/* 2001.

27. **Odeja, Adejoke M.** (76554). Haematological and Biochemical Studies of West African Dwarf Ewes at different stages of pregnancy. (2001/ 2002).

28. **Awosusi, O.** (76660). The effect of planes of nutrition on the spermiogram West African Dwarf Rams. (2001/ 2002).

29. **Ubiogoro, Oniovosa Ezoho.** (90350). Spermiogram and Morphological characteristics in Testicular and Epididymal Spermatozoa of Boar raised in Ibadan. 2002/2003).

30. **Aiyeloja, Eunice Temilade** (85996). Testicular Parameters and Spermiogram of Testis and Epididymal Transit of Spermatozoa in the white Fulani Bulls. (2002/2003).

31. **Oso, Olatundun Cecilia** (86830). The effect of *Clomiphene citrate* on the spermiogram of West African Dwarf Rams (2002/2003).

32. **Towobola, Bisoye A.** (85916). The effects of Clomid on the Spermiogram of Male Wistar Rats (2003/2004).

33. **Ogunsola, Grace Jumoke** (86330). Comparative Study of the Birth and Growth Statistics of lambs of some Nigerian Breeds of sheep and their Crosses (2003/2004)

34. **Fadare Mofoluwake Jumoke** (94818). A Comparative study of the growth statistics of purebred and cross bred goat kids (2003/2004).

35. **Obi, Chinelo Maureen** (95804). Effects of different volumes of water intake on haemogram and Reproductive parameters in West African dwarf goats (2003/2004).

36. **Okanlawon, Abiodun Abioye** (101657). The effect of planes of Dussa-Poultry litter combination on gestation and birth parameters of West African dwarf sheep (2004/2005).

37. **Sofade, Mojisola Yemisi** (101687). Reproductive indices and Birth parameters of WAD sheep fed with palm Kernel Cake-Dussa combination (2004/2005)

38. **Ogunwobi, Adejoke Deborah** (101651). Effect of the prolonged administration of C*hloramphenicol* on the Haemogram and Spermiogram of Male Wistar Rat. (2004/2005).

39. **Esan, Oluwaseun.** (101618). The effects of pumpkin plant *(CucurbitaPepo)* on the Reproductive performance of West African Dwarf Goat Buck. (2004/2005).

40. **Ogundijo, Bolanle.** (101648). Effects of *Euphorbia Hirta* on the Spermiogram and Hematological Data of West African Dwarf Rams (2004/2005).

41. **Akin-Taiwo, Molabowale Abosede** (101588). The Spermiogram and Haemogram of West African Dwarf Buck infected with *Listeria Monocytogenes* (2004/2005).

42. **AdeyeOluwa Oluwatobi Kehinde** (107567) Spermiogram and Morphological Characteristics of Testicular and Epididymal Spermatozoa in Nigeria Local Dogs (2005/2006).

43. **Fakoyede Oluremi Olayemi** (106989) The Hemogram, Spermiogram and Histopathology of Testicles and Epididymis of Male Wistar Rat Treated with Aloe Vera gel (2005/2006).

44. **Fakayode Motunrayo Omolabake** (106965) Reproductive Potentials of Two Age Groups of West African Dwarf Bucks fed on Dussa-Poultry Waste Combination (2005/2006).

45. **Akinpelu Oluwatomi Deborah**. (106965) The Testicular Parameters and Spermiogram of Male Wistar Rats Treated with Saponin Extract of *Vernonia Amygdalina* (bitter leaf) (2005/2006).

46. **Adesiji Fisayo Temilade** (106957). The Spermiogram and Haemogram of Male Wistar Rats Treated with Aqueous Extract of *Vernonia Amygdalina* (2005/2006).

47. **Badejo Ayodeji Olugbenga** (94810) The Testicular parameters and Spermiogram of Male Wistar Rats Treated with Aqueous Extract of *Telfairia occidentalis* (2005/2006).

48. **Fayomi, Adetunji Peter.** (111596). Reproductive Potential of Male Wistar Rats treated with Aloe Vera Gel Extract (2007/2008).

49. **Owoyemi, Adedoyin Opeyemi** (117564). The reproductive potential of Male African Catfish (*Clarias gariepinus*) treated with Gel extract of the Aloe vera plant. (2008/2009).

50. **Ajani, Olumide Samuel** (117488). Reproductive potentials of West African dwarf buck treated with aqueous extract of *Cnidoscolus aconitifolius.* (2008/2009).

51. **Famakinde Samuel Ayodele** (117514). Reproductive effects of aqueous extract of Cnidoscolus *aconitifolius* on the serum chemistry and hormonal assay parameters of West African dwarf bucks. (2008/2009).

52. **Ajayi, Tolulope Adeoye** (117489). Fertility potentials of West African dwarf bucks treated with Aloe vera extract (2008/2009).

53. **Ogunyemi, Gbemisola Tosin** (123537). Reproductive Parameters of Red Sokoto bucks. (2009/2010).

54. **Olowole, Oluwaseun Peace** (123553). The semen characteristics, morphology, serum and haematology of male Wistar rats treated with *Momordica charantia* (2009/2010).

55. **Ojo, Olakitan Mary** (123539). Reproductive Parameters of Sahel Bucks. (2009/2010).

56. **Otarigho, Benedict Akpodedeh** (123561). The effect of Artesunate and Chloroquine on the reproductive potential of the female Wistar rats (2009/2010).

57. **Oyerinde, Caleb Mayowa** (123566). Effects of *Momordica charantia* on the serum chemistry and reproductive parameters in the female Wistar rats (2009/2010).

58. **Adebiyi, Mutiu Ademola** (123462). The spermiogram and Haemogram of male Wistar rats treated with Chloroquine and Artesunate (2009/2010).

59. **Olusoji, Moyinoluwa Juliana** (129287). Spermiogram and morphological characteristics of testicular and epididymal spermatozoa in Nigerian breeds of ram (2010/2011).

60. **Ogunsemoyin, Ayokunle Oluseye** (129273). Haematology, serum chemistry and a hormonal assay of Yankasa Ewes fed on concentrate supplementation. (2010/2011).

61. **Ajayi, John Rotimi** (134440). Response of Primiparous Uda Ewe to concentrate supplementation (2010/2011).

62. **Akinsorotan, Christiana Mayokun** (129226). Haematological profile and serum chemistry of West African sheep pre and post Laparotomy (2010/2011).

63. **Ogundiran Abiola Esther** (129269). Comparative study of Boar semen characteristics in three different semen extenders. 2011/2012.

64. **Bakare Gloria Rolake** (134458). Comparative study of bull spermatozoa characteristics using three different semen extenders 2011/2012.

65. **Okusanya Beatrice Oluwafeyisayo** (134496). Male reproductive parameters of the African Sideneck turtle (*Pelusios sinuatus)* 2011/2012.

66. **Olowojaiye Abimbola Ebenezer** (129379). The reproductive potential of female catfish (*Clarias garepinus)* treated with Finasteride and Tocopherol. 2011/2012.

67. **Olowe, Niyi Emmanuel** (134507)Comparative study of bull spermatozoa characteristics using three different semen extenders 2012/2013.

68. **Aridegbe Oyindamola Morenike** (134450) Comparative sperm Morphology and Morphometry in the Bovine and Caprine four different stains 2012/2013.

69. **Oni Adeola Anuoluwapo** (146406) Effects of the combination of *Vernonia amygdalina* and*Ocimum gratissimum* crude extracts on the haemogram and Spermiogram of WAD goats. 2013/2014.

70. **Ajayi Blessing Busola** (145992) The Spermiogram and haemogram of WAD bucks treated with crude extracts of *Vernonia amygdalina* 2013/2014.

71. **Ajuwon Titilayo Comfort** (145995) The Spermiogram and haemogram of WAD bucks treated with crude extracts of *Ocimum gratissimum* 2013/2014.

72. **Adigun Eunice Oluwadolapo** (151622) Effects of Hemi-orchidectomy on the scrotal circumference and serum proteins in Nigeria Local Dog 2014/2015.

73. **Oyedeji Oluseye Timothy** (151644) Effects of Hemi-orchidectomy on serum enzymes of Nigeria Local Dog 2014/2015.

74. **Bankole Anuoluwapo Mobolade** (149978) The effects of hemi-orchidectomy on serum cholesterol and triglycerides of male 2014/2015.

75. **Adegoke Janet Adedayo** (158745) The Effects of Carrot, Cucumber, Watermelon and Sour Sop Juice as semen extenders in a Balami Breed of Ram 2015/2016.

76. **Ojelade Oluwafunmilola Oluwatayo (**158799) reproductive implication of Proviron on sperm characteristics and morphology of Nigerian Local dogs (2015/2016).

77. **Emmanuel Esther Eniola** (171508) the effects of Proviron (Mesterolone) on the Haematology, Serum chemistry, semen characteristics and morphology in male Rabbit 2017/2018.

78. **Wahab Abiodun Temitayo** (171543) Effects of the Crude Extract of *Grassecephalum crepidiode* on the haematology, serum chemistry, semen characteristics and morphology in West African Dwarf Bucks 2017/2018.

79. **Olukowi Mofetoluwa Opeoluwa** (171532) The effect of aqueous leaf extract of *Anacardium occidentale* on the fertility potential of West African Dwarf Bucks 2017/2018.

80. **Olatunji Kofoworola Christiana (**186901) A Comparative study of West African dwarf Buck semen characteristics and morphology using watermelon, cucumber and mango juice as extenders (2020/2021).

81. **Akinsete Oluwafunmilao Vivian**: (193236) Reproductive indices of West African Dwarf bucks treated with aqueous extract of Momordica Charantia 2021/2022

82. **Adigun, Hellen Oluwaseun (207576)** Semen Characteristics, Haematological parameters and blood electrolytes of West African dwarf Ram treated with aqueous extract of *Moringa oleifera* leaves 2023/2024

(d) **POSTGRADUATESUPERVISION**

I have supervised the following at the postgraduate level who either in Private or in publicservice contributing their quota to the profession;

Master Veterinary Science

1. **Olugbemi Joshua Bolaji**. (12855) Spermiogram and testicular parameters in insulated testes of WAD bucks treated with Proviron (Mesterolone) (2008).

2. **AjadiTemitope**. **Ayisat. (67553).** Evaluation of snail mucin-based extender on sperm motility and viability at different temperatures in WAD goats (2010).

3. **Adeniji Deborah Adejoke**. (101651) Some reproductive parameters and hemogram of male and female Wistar rats treated with aloe vera gel (2010).

4. **Olayemi Olubukola Florence**. (85938) Evaluation of the effects of inclusion of honey into egg yolk-based extender of buck semen characteristics (2010).

5. **Fayomi Peter Adetunji** (111596). Genetic polymorphism in the German shepherd dogs in Ibadan, South-West Nigeria (2011).
6. **Oviawe Lucky Osayowmanbor**. (155146) Reproductive potentials of some indigenous breeds of the bull in Nigeria (2011).

7. **Ajani Samuel Olumide** (117488). Reproductive potentials of WAD rams treated with aqueous extract of *Cnodoscolus aconitifolius*. (2012).

8. **Esan Olasunbo Oluyemisi**. (101686) Response of WAD goats with testicular degeneration of Clomiphene citrate treatment (2012)

9. **Mary O. Oghi (101604)** Effects of age on testosterone profile and testicular histomorphometry of Nigerian Local Dogs in Ibadan. (2014)**.**

10. **Ayodeji A. Oni** (73817). Reproductive potentials and morphometry of testis and epididymis of four indigenous breeds of the bull in Ibadan. (2014).

11. **Olusoji Moyinoluwa Julianah** (129287). The ameliorative effects of Gallic acid on doxorubicin-induced testicular and epididymal toxicity in male albino rats (Wistar strain) (2015).

12. **Taiwo Ayodeji**. (88539) Hemogram, spermatozoa characteristics and testicular histology of male albino rats treated with ethanolic extract of *Cnodoscolus aconitifolius (*2015).

13. **Hussien O. Temiloluwa**. (111794) The reproductive performance of African catfish fed with *moringaoleifera* dried leaves as a replacement for Soybean meal (2015).

14. **Akhuetie Joy Oise** (134441). Effects of the crude powder and ethanolic extract of *Citrullus lanatus* seeds on the semen characteristics and gonadal histomorphometry of male Albino rats. (2016).

15. **Okusanya Beatrice Oluwafisayo (**134496). Male reproductive parameters in the domestics Mallard (*Anas Platyrhynchos*) and Muscovy (*Cairina moschata*) duck breeds in Ibadan, Nigeria (2016).

16. **Amoo Oluwapelumi Adebanke** (134449). Effects of Prostaglandins-induced estrus on sperm characteristics and sperm transport in the cervical mucus of the West African dwarf Goat (2016).

17. **Mustapha Olamide Oluwayemisi** (181303). The Ameliorative effect of ethanol extract of Aloe Vera on Artemether Lumefantrimne-induced reproductive toxicity in adult male Albino rats (Wistar strain) (2016).

18. **Ajuwon Titilayo Comfort** (145995). Haemogram and some reproductive parameters of male Wistar rats treated with carrot juice (Daucus carota) (2018).

19. **Adedeji Victoria Bukola O.** (61685). The effects of crude extract of Amaranthus hybridus on the reproductive parameters of the male Wistar rats. (2018).

20. **Joseph Emmanuel Ikokide** (203860) Comparative effects of Methanol and oil extracts of *Ocimum grattissimum* on testicular morphology and epididymal sperm reserve of adult male albino rats (Wistar strain) August 2018.

21. **Hamma Boyi Adamu** (201629) Effects of oral administration of Monosodium glutamate (MSG) on semen characteristics and sperm morphometry of the West African dwarf bucks (*Capra hircus)* August 2018.

22. **Oluwamodupe Sito** (76660) Comparative effects of Methanol and aqueous extracts of *Corchorus olitorius* plant on some reproductive indices of male Albino rats (Wistar strain) August 2018.

23. **Olukowi Mofetoluwa Opeoluwa** (171532). Comparative study of aqueous and methanol seed extracts of *Irvingia gabonensis* on hematological and reproductive parameyters of male Wistar Albino rats. 2021/2022 Session May 2023

24. **Deborah Damilola Akinbode (145996).** Semen characteristics and testicular morphology of male Albino rats treated with aqueous and methanol leaf extracts of *Newbouldia laevis.* 2021/2022 Session. May 2023

25. **Abiodun Temidayo Wahab (171543).** Zinc Sulphate ameliorate testicular degeneration induced by sodium flouride in male Wistar rats. 2021/2022 Session May 2023

26. **Joy Olaoluwa Gbadeoye** (158781). The effect of the methanol leave extract of *Persea americana* on the male reproductive indices of Wistar rats. 2021/2022 Session May 2023

A. PhD

1. Oloye, A. Abimbola. (62327) Effects of *Spondias mombin* (Duvall 2006) ethanol leaf extract on reproductive potentials of Rats and Bucks (2014)

2. Ajadi, Ayisat Temitope (67553).Surgical and immunological castration in relation to welfare concerns, haematology and some indices of reproduction in Dogs (2015)

3. Ajani, Olumide Samuel (117488) Protective effects of Melatonin on Bisphenol A-induced reproductive toxicity in male Wistar rats (2019).

4. Adedeji, Atanda Olugbenga (26870) Determinants of onset of puberty in West African dwarf bucks raised under intensive management (2021) Ph.D

5. Beatrice Oluwasayo Okusanya (134496). Modulatory effects of Vitamin C on Bisphenol A -Induced Reproductive anomalies in the adult Japanese Quail (.*Coturnix coturnix japonica*) 2023 Ph.D.

(e) INTERNAL/EXTERNAL EXAMINER

I have served as Internal/External Examiner for PhD examinations and External Examiner for undergraduate and Master of Veterinary Science students in the field of Theriogenology, Reproductive physiology, Animal Science and Reproductive Toxicology.

INTERNAL

1. Department of Animal Science, University of Ibadan, Nigeria.

2. Department of Physiology, Faculty of Basic Medical Sciences, College of Medicine, University of Ibadan, Nigeria.

3. Department of Biochemistry, Faculty of Basic Medical Sciences, College of Medicine, University of Ibadan, Nigeria.

EXTERNAL

I. The Federal University of Agriculture, Abeokuta, Nigeria. (FUNNAB) 2010-2013.

II. University of Maiduguri, Nigeria. 2013- 2015 .

III. University of Agriculture Makurdi, Benue state. 2014- 2016.

IV. University of Abuja, Nigeria. 2014-2016.

V. Ahmadu Bello University 2015-2017

(f) INTERNATIONAL CONFERENCE/WORKSHOP

I. The 13th East, Central &Southern Africa Commonwealth Veterinary Association Regional Meeting and International Scientific Conference Kampala, **Uganda**. Theme: Convergence of Veterinary Science, Public Health and Trade for Sustainable, Livelihood in Sub Sahara Africa. 8th -13th November **2009**. **Paper Read: Reproductive potential of Wistar Rats treated with Aloe Vera Gel Extract.**

II. The 5th Pan Commonwealth Veterinary Conference 21-25 March **2011** Accra **Ghana**. Theme: The Role of Veterinarians and livestock farmers in food security and poverty alleviation. **Paper: The reproduction potential of male catfish treated with gel extract of aloe vera plant.**

III. **OYEYEMI, M. O.** and Ayodeji Taiwo (**2016**). Haemogram, Spermatozoa Characteristics and Testicular Histology of Male Albino Rats Treated with ethanol extract of *Cnidoscolus aconitifolius*. Conference Proceeding of Society for Medicinal Plants for Economic Development (SOMPED) held in aha Kopanong Hotel and Conference Centre Johannesburg, South Africa, from 14-17 August 2016.

IV. **OYEYEMI, M. O. &** Comfort T. Ajuwon (**2017**) Semen characteristics and morphology of West African dwarf bucks treated with crude extract of *Ocimum gratissimum.* 2nd International Conference of Society for Medicinal Plants and Economic Development (SOMPED). Birchwood Hotel & OR Tambo Conference Centre, Johannesburg, South Africa 27-30 August 2017.

V. **OYEYEMI, M. O. (2017)** Lecturer Exchange: Veterinary Curriculum Development for Veterinary Training and services in 21 Century under EU-Funded Dairy Chain Project at The Faculty of Veterinary Medicine, Egerton University, Egerton, Kenya 21-27 May 2017.

VI. **OYEYEMI, M. O. [2017]** Continental Meeting on Veterinary Education; Improving Quality of Veterinary Training for enhanced Veterinary Services and Socio-Economic Development. held in Dakar Senegal between 5-7 July 2017

VII. **OYEYEMI, M. O. [2017]** Veterinary Curriculum: continental Meeting on Veterinary Education organized by Inter-African Bureanof Animal Resources of the African Union (AU-IBAR) held in Dakar, Senegal 5-7July 2017 Paper read: Veterinary Curriculum: Addressing quality and quality assurance-internal and external issue. Ibadan Veterinary Curriculum as a case study.

VIII. **OYEYEMI, M. O (2018) Experts** Meeting on the Establishment and Organization of the Association of Veterinary Education Institutions (2A2E-V), 5 -6 February 2018 Dakar Senegal

IX. **OYEYEMI, M.O. (2018)**. Small Ruminants Production in Semi-Urban Settings. A seminar presented at the **2018** ECHO West Africa Forum: Ibadan, Nigeria. Theme: ECHO Nigerian Sustainable Agriculture Forum. Ibadan Networking Forum 29 May – 1 June 2018 @ Scripture Union Conference Center, Opp. Old Airport, Oyo Road Samonda Ibadan, Nigeria.

X. **OYEYEMI, M. O. (2018).** Antioxidant and anti-apoptotic effect of Gallic acid on doxorubicin-induced testicular and epididymal toxicity. EXPERIMENTAL BIOLOGY 2018 Conference Topic Category: 3055 ASPET Organ Toxicology. San Diego Convention Centre April 21-25, 2018.

XI. **OYEYEMI, MO,** Modupe Sitoand Wahab Abiodun Temitayo (**2021).** Comparative effects of methanol and aqueous extracts of *Corchorus olitorius* plant on some reproductive indices of male albino rats (Wistar strain) 5*th International Conference of Society for Medicinal Plants and Economic Development (SOMPED)* Hosted by Ghana branch of SOMPED Ghana 24-26 August **2021**.

XII. **OYEYEMI, M. O.** and Deborah Damilola Akinbode **(2023).** Semen characteristics and testicular morphology of male Albino rats treated with aqueous and methanol leaf extracts of *Newbouldia laevis.* Centre for Plant Medicine Research 2nd Oku Ampofo memorial conference. Theme: Herbal Medicine Research: a Panacea for Economic Transformation Date: 7-10th November 2023. Venue: AH Hotel and Conference, East Legon Republic of Ghana

(g) GRANTS AWARD

i. Senate Research Grant (1994) SRG/FVM/93-94/008A

ii. Senate Research Grant (2006) SRG/FVM/2006/13A

iii. Senate Research Grant (2010) SRG/FVM/2010/2C

iv. Grants to attend the 5th Pan Commonwealth Veterinary Conference 21-25 March **2011,** Accra, Ghana. Theme: The Role of Veterinarians and livestock farmers in food security and poverty alleviation.

v. Grant to attend First Conference of Society for Medicinal Plants for Economic Development (SOMPED), South Africa, August 14-17, **2016.**

(h) OTHER APPOINTMENTS/ LEADERSHIP ROLES

- Associate Lecturer, Federal University of Agriculture, Abeokuta. 20 08/2009 and 2009/2010.
- National President of the Fellowship Africa Christian Teacher NGO with Headquarters in Ilorin
- National President, Ibadan Varsity Christian Union (IVCUAF), Ibadan, Nigeria. 2010-2014
- President AgriFamily Cooperative Society, University of Ibadan, Nigeria 2013-2016
- Resident Pastor, Ibadan Centre of Jesus is Life Church, Church arm of Jesus is Life World Outreach Ministries (JAWOM) 1995
- South Western Nigeria Zonal Pastor, Jesus is Life Church (JAWOM), an Arm of Jesus is Life World Outreach Ministries, Zaria Nigeria, 2014
- Vice-President, Chartered Institute of Information and Strategy Management, Abuja 2021- 2025

(i) ADMINISTRATIVE EXPERIENCE.

I have had the privilege of serving the University at various levels since 1993, as

❖	Departmental Rep. in Eruwa Vet. Field Station	1993 - 1995
❖	Member, Faculty Sanitation Committee	1993 – 1995
❖	Member, U.I. Telephone Committee	1996 – 2000
❖	Faculty Rep in Faculty Board of Agric & Forestry	1995 – 1997
❖	Assistant Warden, Nnamdi Azikiwe hall U. I.	1999 – 2003

❖	Sub-Dean (Clinics) FVM U.I.	2000 – 2002
❖	Member, Faculty Field Trip Committee	2000 – 2003
❖	Member, Faculty Ceremonial Committee	2002 – 2006
❖	Coordinator of Veterinary Services (CVS) of the Veterinary Teaching Hospital (VTH) U.I.	2002 – 2006
❖	Departmental Postgraduate Coordinator	2004 – 2011
❖	Acting Head of Department	2007 - 2009
❖	Departmental Seminar Coordinator	2006 - 2011
❖	Member Faculty Veterinary Farm Committee	2006 – 2009
❖	Faculty Rep. Senate Curriculum Committee	2007 - 2011
❖	Congregation Rep. in Senate	2006 - 2010
❖	Member of Senate, University of Ibadan	2008 to date
❖	Head of Department, Surgery and Reproduction	2011 – 2013
❖	Member, Veterinary Council of Nigeria (VCN)	2013- 2017
❖	Chairman, Faculty Board of Studies of FVM	2013-2017
❖	Chairman. Faculty Board of Examiners	2013-2017
❖	Chairman, Faculty Board of Veterinary Medicine	2013-2017
❖	Chairman, Appointment and Promotion Committee FVM	2013-2017
❖	Chairman, Faculty Postgraduate Committee FVM	2013-2017
❖	Chairman, Faculty Undergraduate Admission Committee	2013-2017
❖	Chairman, Faculty Curriculum Committee	2013-2017
❖	Chairman, Faculty Library Committee	2013-2017
❖	Chairman Faculty Building Committee	2013-2017
❖	Convener, Faculty Ceremonial Committee	2013-2017
❖	Convener, Faculty Veterinary Field Trip Committee	2013-2017
❖	Chairman, Staff and Students Liaison Committee	2013-2017
❖	Chairman, Students Disciplinary Committee FVM	2013-2017
❖	Member, Committee of Provost & Deans UI	2013-2017
❖	Dean, Faculty of Veterinary Medicine, Univ. of Ibadan	2013- 2017
❖	Head, Department of Theriogenology, Univ, of Ibadan	2020-2022
❖	Senate Rep, Court of Governors, College of Medicine	2020-2022
❖	Senate Rep, Development Committee Univ. of Ibadan	2020-2024

IX RESEARCH

(a) RESEARCH COMPLETED

1. **Testicular parameters, sperm and morphological characteristics of spermatozoa in male domestic animals**. The study was designed to examine and document for the first time the testicular parameters, semen and morphological characteristics of breeds of domestic animals in the tropics, especially in Nigeria. It is important in the Artificial Insemination programme. The results in the Boar, White Fulani Bull, and West African dwarf buck have been published in learned journals. 37,47,48,49.
2. **Response of breeding male Animals to planes of nutrition or feeds supplementation.**
   The research was conducted to examine the effects of nutrition, malnutrition, starvation and planes of nutrition on spermatozoa characteristics and morphological aberrations. Various other supplements were used like soybean meal, meat offals and Broiler litter. The results helped to determine the acceptable

level of supplement and effects of starvation on the spermatogenesis and status of the semen produced. The results have been published in the learned journals using *milletia thonningii*, effects of starvation in bulks, meat offals and soybean meal supplements, planes of soymeal in Rabbit and Broiler litter. These findings have been published in both local and international journals.

3. **Effects of Coconut Milk-Citrate as an extender for West African dwarf buck spermatozoa.**
   This study was designed and conducted to ascertain the effects of locally available materials, such as Coconut milk, to serve as extenders. The results proved that we can use our locally available materials as part of semen extenders with results comparable to imported semen extenders. The result has been published in a learned journal.

4. **Comparative study of fresh Coconut Milk and Standard Egg Yolk-based semen Extender.**
   The study was designed to identify and compare the supportive capacity and capability of Coconut Milk compared with Egg Yolk-based semen extenders in terms of motility, live-dead ratio and ability to stay longer under different temperatures. The result has been published in a learned journal.

5. **Curcumin and Kolaviron Ameliorate Di-n-Butylphalate-Induced Testicular Damage in Rats.**
   A study was conducted to identify the damage effects of Di- n- Batylphalate and the useful effects of Curcumin and Kolaviron. The result was published in the Basic Clinical Pharmacology and Toxicology. Denmark.

6. **Tetracycline-induced reproductive toxicity in male Rats: effects of Vitamin C and N-acetylcysteine, oxidative stress and protective effect of selenium.**
   This research was designed to ascertain the effects of tetracycline on the reproductive performance and response of animals when Vitamin C and N-acetylcysteine were injected into tetracycline-induced male Rats. The study was published in a learned journal.

7. **The Reproductive implications of Clomiphene citrate on Sperm Cells during the Epididymal Transit of Spermatozoa in male Wistar Rats.**
   This was a study conducted to identify the effects of Clomiphene citrate (a fertility drug) on the spermatozoa during the movement from caput to caudal epididymis. This helped to ascertain a good fertility drug and thus a necessary tool in improving the quality of spermatozoa before and during Artificial Insemination. The result has been published in an international journal.

8. **The Spermiogram of Male Wistar Rats treated with aqueous leaf extract of *Vernonia amygdalina.***
   A research study was designed and carried out to identify the effects of aqueous leaf extract of *Vernonia amygdalina* a plant that is widely used as a herb and as a vegetable. This is an important aspect of ethnoveterinary medicine in theriogenology. The result has been published in a learned journal.

9. **Sperm morphological studies on West African dwarf buck treated with Pumpkin plant (*Cucurbita pepo*).**
The study was carried out to ascertain and prove the effects of Pumpkin pepo, a plant used as soup ingredients in some parts of Africa and Nigeria on sperm morphological characteristics. This is important to have a locally available plant extract that can improve the semen quality and morphological status of the semen of our domestic animals. This is another research study on the use of ethnoveterinary medicine in theriogenology published in a learned journal.

(b) <u>RESEARCH IN PROGRESS</u>

1. **The reproductive potential of Wistar Rats treated with Aloe Vera Gel Extract. Sponsored by University of Ibadan Senate Research Grant. Ref. SRG/FVM/2006/13A.**
This is a research proposal sponsored by the Senate of the University of Ibadan. The study is designed to assess the impact of Aloe vera Gel Extract on the blood parameters, serum chemistry and reproductive potential of both males and females. It is also designed to ascertain the effects on the progeny, especially the first filial (f1) generation. An undergraduate and Master of Veterinary Science students are involved in the execution of the research while a DVM project and MVSC dissertation will be written from the study.

2. **Exploratory Laparotomy in primiparous West African dwarf does.**
I am leading a group of Veterinarians to study the effects of Gastric Foreign Bodies especially in goats that have eaten polythene and feed' bags alongside their feeds. Gastric foreign can result in rumen impaction, hydro peritoneum which can lead to anorexia, silent estrus and /or anoestrus which are major factors in reproductive potentials. The results will be of beneficial effects to the breeders, livestock farmers, and help in the differential diagnosis of pregnancy in the breeding station.

3. **Use of Snail Mucin as part of Semen Extenders.**
It is a study designed to use Snail Mucin known to have antibacterial effects as part of semen extender. This will help as part of the extender because it will combine antibacterial effects to the extender. An MVSC dissertation is expected from the study.

4. **Reproductive Implications of Male West African dwarf goats treated with *Chaya aconitifolius* plants.**
I am leading a research team to carry out this research work. The study is aimed at studying the effects of the plant-Chaya also known as "Iyana Ipaja" vegetable on the haematology, semen characteristics, spermatozoa morphology, testicular parameters, hormonal changes and histopathological changes in testes and epididymides. This is to ascertain the effects of the plant on the health and reproductive potential of the male West African dwarf goats.

5. **Response of West African dwarf bucks with testicular degeneration to Proviron® Treatment.**
This study is designed to determine the effects of Mesterolone (Proviron®) on the vital reproductive statistics of male West African dwarf goats. Testicular

degeneration has been identified as one of the limiting factors in goats' production especially in male since it decreases/reduces the rate of spermatogenesis and cause an increase in spermatozoa morphological disorders. Proviron-a fertility drug will be used to reverse the effects and observe the rate of regeneration and return of spermatogenesis to normal. An MVSC dissertation is expected from this study.

(c) <u>PROJECT, DISSERTATIONS AND THESIS</u>

(i) Investigation of *Leishmanian phlebotomine* sandflies in Ibadan, Nigeria **(DVM** Ibadan Dissertation, 1990). 41 pages.

(ii) Survey of *Mycobacterium bovis* in fresh milk in Ibadan, (**MVPH** Ibadan Dissertation, September 1992). 83 pages

(iii) The effects of nutrition; Different Oestrous Synchronising agents and Management strategies on the reproductive performance of West African dwarf goats. A **PhD** thesis in the Department of Veterinary Surgery and Reproduction, University of Ibadan, September 2002, 180 pages.

(iv) Comparative studies of Testicular and Epididymal Spermatozoa Characteristics of Three Nigerian breeds of Ram. A Dissertation submitted for the award of Fellowship, College of Veterinary Surgeons, Nigeria (**FCVSN**) 2013 -133pages

(v) **INAUGURAL LECTURE**, University of Ibadan Inaugural Lecture August 11, 2016, titled: Spermatozoa: A Staff Offence and Defence. An Inaugural Lecture 2015/2016 ISBN: 978-978-54346-3-7 page 82.

XIII.**PUBLICATIONS**

A. COPYRIGHT REGISTRATION

1. Samuel Olukole, **MATTHEW OYEYEMI, &**Oke B. O. African Sideneck Turtle Vertebral Formula of Olukole. Literary Work, Year of creation 2014. Issued 22 January 2020 **Registration No. LW5392**

2. Samuel Olukole, **MATTHEW OYEYEMI &**Oke B. O. African Greater Rat Hookless Sperm Head of Olukole. Literary Work, Year of creation 2013. Issued 22 January 2020 **Registration No. LW5394**

B. CHAPTERS IN BOOKS

3. **OYEYEMI, M. O.** and O.S. Ajani (2018). Requirements for Rectal Palpation in the Cow/Heifer in Handbook of Bovine Rectal Palpation with notes on the Mare for Veterinary Students, edited by Olufisayo O. Leigh. Stirling -Horden Publishers Ltd ISBN: 978-978-032-686-9 PG 114.

4. **OYEYEMI, M. O.** and O. S. Ajani (2019): Semen Processing: In; Guide to Clinical and Laboratory Procedures in Theriogenology Edited by Olufisayo O. Leigh, Henry M. Mtembei & Linda C. Agbugba ISBN: 978-978-526-602-3 Schorlarship Books Pg. 324

C. CONFERENCE PROCEEDINGS

5. **OYEYEMI, M.O**., Ajala, O.O., Edike, O.I. and Ayorinde, A.O. (**1997)**. Effects of crossbreeding on the reproductive performance of West African Dwarf goat. Proceedings of the 34th Annual Congress of the Nigerian Veterinary Medical Association. 94–98 www.uneca.org **(Nigeria**).

6. Ajala, O. Oluwatoyin, **OYEYEMI, M.O;** Akusu, M.O. and Akande, O. (**1997**). Comparative Survivability of caprine spermatozoa in Egg-yolk citrate and pawpaw juice citrate extenders at 5ºC and room temperature (28ºC). Proceedings of the 34th Annual Congress of the Nigerian Veterinary Medical Association. October 27 –31 pg. 29 – 31. www.uneca.org (**Nigeria**).

7. **OYEYEMI, M.O**., Ajala, O.O., Akusu, M.O., Agbesola, O.O (**1998)**. The effect of starvation on semen characteristics of West African Dwarf bucks. Proceedings of the 3rd Annual Conference of the Animal Science Association of Nigeria. September 22–24th pg. 128–130 www.ento.psu.edu (**Nigeria**).

8. **OYEYEMI, M.O**., Ola-Davies, O.E., Ajala, O.O., Akusu, M.O. (**1998**). White Fulani bulls' seminal characteristics and output as related to age, body weight and scrotal circumference. Proceedings of the 3rd Annual Conference of the Animal Science Association of Nigeria. September 22 – 24th, pg. 131 – 133. www.ento.psu.edu (**Nigeria**).

9. **OYEYEMI M.O**., Adetunji V.O., Ogundipe G.A.T., and Babalobi O.O. (**2000)**. The occurrence of reproductive conditions in dogs in the Edo state of Nigeria. Proceedings of the 9th Symposium of the International Society for Veterinary Epidemiology and Economics. www.vetschool.co.uk, www.sciquest.org.nz **(USA).**

10. Akusu, M. O. **OYEYEMI, M. O**., Ajala, Oluwatoyin, O (**2001**) Small ruminant Production: The solution to food security in Nigeria. Proceedings of the International conference on food safety and security. Aug 1st – 3rd IITA Ibadan, Nigeria 46 – 57. (Nigeria). www.pub.iaea.org

11. **OYEYEMI, M. O**.; Oloye, A. A. and Sofade, M. Y. (**2008**) Reproductive indices and birth parameters of West African Dwarf sheep fed with palm kernel Cake – Dussa combination. Proceedings of the 45th Annual Congress of the Nigerian Veterinary Association (**NVMA**) Congress.pg 60-62.www.uneca.org. (**Nigeria**)

12. Abarikwu, S.O., Adesiyan, A, Oyeloja, T., **OYEYEMI, M. O**. and Farombi, E.O. (**2008**). Testicular oxidant spermatogenic and injury induced by Atrazine in an experimental rat model. Fertility and Sterility Conference, 13-15 June 2008 Vol. 91 Issue 3 pages S21 www.journals.elsevier.com (**USA)**

13. Adeniji, D.A., **OYEYEMI, M. O**. and Famakinde, S.A. **(2008).** Testosterone profile of West African dwarf breeding bucks treated with aqueous extract of *Cnidoscolus aconitifolius* (Chaya). The proceedings of the 45th Annual Congress of the Nigerian Veterinary Medical Association, 20-24 October 2008; Pages 49-50. www.uneca.org **(Nigeria**)

14. Olukole, S. G., **OYEYEMI, M. O. and** B. O. Oke (**2008)**. Sperm anatomy of the domesticated grasscutters *Thyonomys swinderianus.* The proceedings of the 45th annual congress of the Nigerian Veterinary Medical Association (NVMA), 20-24 October 2008, pages 50-52. www.uneca.org (**Nigeria**)

15. Olukole S.G., **OYEYEMI, M. O.** and Oke B. O. (**2010**). Gross Anatomy of the male Reproductive organs of the Domesticated Grasscutter. (*Thyonomys swinderianus.* Temminck). Proceedings of Nigerian Society for Animal Production 35th Annual Conference. March 14-17, 2010; pg 268-271. www.nsap.org.ng (**Nigeria**)

16. Adeniji, D.A. **OYEYEMI, M. O.** and Fagebo, C.O. (**2010**). Semen Characteristics of West African dwarf Rams treated with Clomiphene citrate. Proceedings of the Nigerian Society for Animal Production 35th Annual Conference. March 14-17, 2010. Pages 169-171. www.nsap.org.ng (**Nigeria**)

17. SO Abarikwu, **MO OYEYEMI**, and E.O. Farombi (**2007**). Testicular oxidant and spermatogenic injury induced by atrazine in experimental animals. Abstracts of the 2nd Czech and International Congress of Andrology, May 3-5, Chateau, Stirin, www.european ISSN1802-4793. (**Czech Republic**)

18. Abarikwu, SO; AC Adesiyan, TO Oyeloja, **MO OYEYEMI,** and E.O. Farombi (**2008**). Lipid peroxidation, antioxidant enzyme activities in testis and spermatotoxicity of rats during short-term exposure to atrazine. 10th European Congress of Endocrinology, 3rd- 7th May 2008, Berlin, Germany, Endocrine Abstracts 16: P 262. www.ese2008.org (**Germany**)

19. **OYEYEMI, M. O**., Leigh, O. O. and Fakayode, M. O. (**2010)**. Spermiogram and changes in the body parameters of West African dwarf bucks fed with Dussa-Poultry waste combination. Proceedings of the 47th Nigerian Veterinary Medical Association Congress. www.uneca.org (**Nigeria**)

20. Fayomi, P. A. and **OYEYEMI, M. O. (2010).** Comparative effects of different extenders on the survivability and morphological characteristics of the West African dwarf buck spermatozoa. Proceedings of the 47th Nigerian Veterinary Medical Association Congress. www.uneca.org (**Nigeria**)

21. **OYEYEMI, M. O**., Akusu, M.O. and Adeniji, D. Adejoke (**2011**). Comparative responses of West African dwarf goats to three oestrus synchronisation agents. Proceedings of 5th Pan-Commonwealth Veterinary Conference. 21-25 March 2011 Accra, Ghana. www.vetclick.com (**Ghana**)

22. **OYEYEMI, M. O.,** Adeyemo, O. K., Owoyemi, A. O. and Aina, A. O. (**2011**). The reproductive potential of male Catfish treated with gel extract of Aloe vera

plant. Proceedings of the 5th Pan-Commonwealth Veterinary Conference. 21-25 March 2011 Accra, Ghana. www.vetclick.com (**Ghana**)

23. **OYEYEMI, M. O.,** Fayomi, A. P., I. M. Akanbi and Moyinoluwa J. Olusoji (**2011**). Comparative gonadosomatic index of some Small Ruminants in the humid tropics of Ibadan, Nigeria. Proceedings of the 48th Nigerian Veterinary Medical Association Congress. 21-25 November 2011, **Nigeria.** www.uneca.org

24. Fayomi, A. P. and **OYEYEMI, M. O.** (**2011**) Sperm competition in the small ruminants in Nigeria. Proceedings of the 48th Nigerian Veterinary Medical Association Congress. 21-25 November 2011, **Nigeria.** www.uneca.org

25 Olukole, S. G., **OYEYEMI, M. O. and** B. O. Oke (**2011**). Gross anatomy of the male reproductive organs of the African Sideneck Turtle (*Pelusios sinuatus*). Proceedings of the 48th Nigerian Veterinary Medical Association Congress. 21-25 November 2011, Nigeria. www.uneca.org.

26 Olukole, SG; Okusanya, BO; Agbato, OA; Kekere, AD, **OYEYEMI, MO;** Oke, B. O. (**2012**). Preliminary investigations on the Shell Morphology of the African Sideneck Turtle (*Pelusios sinuatus*). Proceedings of the 49th Nigerian Veterinary Medical Association Congress. Ekiti 2012 November 5-9 2012. www.uneca.org **(Nigeria)**

27 **OYEYEMI, MO;** Esan, O. Esan O. Oluwayemisi and Oyerinde C. M. **(2012).** Effects of *Momordica charantia* on the serum chemistry and some reproductive parameters in the Wistar rats. Proceedings of the 49th Nigerian Veterinary Medical Association Congress. Ekiti 2012 November 5-9 2012. www.uneca.org (**Nigeria**)

28 **OYEYEMI, MO**; Ekanade, O. Adetoun and Otarigho AB. (**2012**). The effects of Artesunate and Chloroquine on the reproductive potential of the female Wistar rats. Proceedings of the 49th Nigerian Veterinary Medical Association Congress. Ekiti 2012 November 5-9 2012. www.uneca.org (**Nigeria).**

29 Oloye, A.A., **OYEYEMI, M. O.,** Olurode S. K., Olaniyi, M. O. and Innamah O. A. (**2011**). Effect of *Spondias mombin* on the testicular characteristics and neonatal birth weight after-treatment of the male and female Wistar rats with graded dosages of the leaves' aqueous extract. Proceedings of the 48th Nigerian Veterinary Medical Association, 21-25 November 2011. www.uneca.org **(Nigeria**)

30 **OYEYEMI, M. O**. AND Ajani, O. S. (**2012)** Reproductive potentials of West African dwarf rams treated with aqueous extract of *Cnidoscolus aconitifolius* (Chaya). Proceedings of the 49th Nigerian Veterinary Medical Association Congress. November 2012 **Nigeria.** www.uneca.org.

31 Olukole, S. G.; **OYEYEMI, M. O** and B. O. Oke (**2013**). Preliminary investigation on the pattern of spermatogenesis in the African Sideneck turtle (*Pelusios castaneus*). Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013. www.uneca.org (**Nigeria**).

32 Olukole, S. G.; **OYEYEMI, M. O** and B. O. Oke (**2013**). Gonadal and extragonadal sperm reserves of the African Sideneck Turtle (*Pelusios Castaneus)*. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.www.uneca.org (**Nigeria**)

33 Adejumobi, O. A.; Olukole, S. G.; **OYEYEMI, M. O**. and B. O. Oke (**2013).** Ketamine-induced Immobilisation in the African Sideneck Turtle (*Pelusios castaneus)*. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013. www.uneca.org (**Nigeria**)

34 **OYEYEMI, M. O.;** Ajani, O. S.; Ekanade O. Adetoun; Olusoji J. Moyinoluwa and Ogungbenro O. Itunu (**2013**). Scrotal circumference and semen characteristics of West African dwarf Bucks fed with soybean meal and concentrate supplementation. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013. www.uneca.org (**Nigeria)**

35 **OYEYEMI, M. O.** and Adetoun O. Ekanade (**2013)**. Daily spermatozoa production and Extra-gonadal reserve in some Indigenous breeds of Bull in Nigeria. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.www.uneca.org (**Nigeria**)

36 **OYEYEMI, M. O.** and Ajani, O. S. (**2013**). Spermatozoa morphology and characteristics of West African dwarf rams treated with aqueous extract of Cnidoscolus aconitifolius (Chaya) Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013. www.uneca.org (**Nigeria**)

37 **OYEYEMI, M. O.** and Ajani O. S. and Moyinoluwa J. Olusoji (**2013**). Reproductive parameters of red Sokoto bucks. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013. www.uneca.org (**Nigeria**)

38 **OYEYEMI, M. O.**; Ogungbenro O. Itunu and Olowojaiye A. E (**2013**). The Reproductive potential of female Catfish (Clarias gariepinus) treated with Finasteride and tocopherol. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013. www.uneca.org **(Nigeria**)

39 Ajala, O. Oluwatoyin; Ajani, O. S.; Obudu, C. E.; Leigh, O. O. and **OYEYEMI, M. O (2013).** Use of Oxytocin in the management of dystocia: the need for caution. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013 www.uneca.org (**Nigeria**)

40 **M.O. OYEYEMI,** Ajani O.S and Awosusi O. (**2014**). The Effect of planes of Nutrition on the Scrotal and Spermatozoa Characteristics of West African Dwarf Rams. Proceedings 39th Conference, Nigerian Society For Animal Production. 16 – 19 March 2014. Pp. 80 – 82. www.nsap.org.ng (**Nigeria**)

41 **M.O. OYEYEMI,** M.J. Olusoji, A.C. Onuoha and M.O. Akusu (**2014**). Gestations in West African Dwarf Ewes and Does Fed Unconventional Feed Supplements. Proceedings 39th Conference, Nigerian Society For Animal Production. 16 – 19 March 2014. Pp. 531 – 534. www.nsap.org.ng (**Nigeria**)

42 **M.O. OYEYEMI,** A.O. Ekanade and A.O. Ogunsemoyin (**2014**). Haematology, Serum, Chemistry and Hormonal Assay of Yankasa Ewes Fed on Concentrate Supplementation. Proceedings 39th Conference, Nigerian Society For Animal Production. 16 – 19 March 2014. Pp. 68 – 71. www.nsap.org.ng (**Nigeria**)

43 Olukole, S. G., **OYEYEMI, M. O.** and B. O. Oke (**2014**). Ultrastructure of Spermiogenesis in the African sideneck turtle *Pelusios castaneus* (Schweiggger, 1812). Proceedings of 51st Annual Congress of the Nigerian Veterinary Medical Association 23-28 November 2014.

44 Olukole, S. G., **OYEYEMI, M. O.** and B. O. Oke (**2014**). Ultrastructure of the Sertoli cell in the African sideneck turtle *Pelusios castaneus* (Schweiggger, 1812). Proceedings of 51st Annual Congress of the Nigerian Veterinary Medical Association, 23-28 November 2014.

45 Oladejo, A.O., Oloye, A.A., Ajala, O. O., **OYEYEMI, M. O**., Obisesan, O. M. and Bello, K (**2014**). Semen Characteristics and sperm morphological studies of Albino Rat treated with a prolonged varying dosage of Tramadol. Proceedings of 51st Annual Congress of the Nigerian Veterinary Medical Association, 23-28 November 2014.

46 Okusanya Beatrice O; Esan O. O. and **OYEYEMI, M. O. (2016).** Biometrical and Histometrical studies of the testis and ductus deferens in the domestic Mallard (*Anas platryhnchos*) and Muscovy (*Cairina moschata*) drakes in Ibadan. 5th Unibadan Conference of Biomedical Research, July 13-16.

47 Olufunke Eunice Ola-Davies, Olasunkanmi Stephen Olawuwo, Olumide Samuel Ajani, and **OLUGBENGA MATTHEW OYEYEMI** (2016): Semen Characteristics And Sperm Morphology Of *Pistia stratiotes* Linn. (Araceae) Protected Male Albino Rats (Wistar strain) Exposed to Sodium Arsenite. FASEB Published Online: 30(1) SUPPL.1 Apr 2016Abstract Number:932.

48 Akhuetie, O. Joy; **OYEYEMI, M.O**. and Oloye, A. A (**2016**). Effect of the crude powder and ethanol extract of *Citrullus lanatus* seeds on the haematology and semen characteristics of male Albino rats. 5th Unibadan Conference of Biomedical Research Ibadan, July 13-16.

49 Ajani, OS; Ajuwon, Titilayo C, and **OYEYEMI M. O**. (**2016**). The Spermiogram and haemogram of West African Dwarf bucks treated with crude extract of *Ocimum gratissimum*. 5th Unibadan Conference of Biomedical Research Ibadan, July 13-16.

50 Okusanya, O. Beatrice; Esan O. O. and **OYEYEMI M. O. (2016)**. Spermiogram, Haematology and Testosterone profile of Mallard drakes (*Anas platyrhynchos*) in Ibadan. 5th Unibadan Conference of Biomedical Research in Ibadan. Theme: Biotechnology for Health and Sustainable Development, July 12-15, 2016.

51 **OYEYEMI, M.O. (2016)**. Raising Small Ruminants for Profits. A seminar presented at the **2016**ECHO West Africa Forum: Ibadan, Nigeria (2016-04-12) www.echocommunity.org/en/resources/caf14dd2-59b6-4b98-9451-b3d333625c25

52 **OYEYEMI, M. O.** and Ayodeji Taiwo (**2016**). Haemogram, Spermatozoa Characteristics and Testicular Histology of Male Albino Rats Treated with Ethanol Extract of Cnidoscolus aconitifolius. Conference Proceedings of Society for Medicinal Plants for Economic Development (SOMPED) held in Aha Kopanong Hotel and Conference Centre, Johannesburg, South Africa, from 14-17 August 2016.

53 **OYEYEMI, M. O.** (**2017**). Keeping livestock for effective and efficient production: What are the impacts of science and research in Nigeria? Alexander Humboldt International Conference, Humboldt Kolleg Osogbo- 2017 Theme: Translating Research Findings Into Policy In Developing Countries from 24-27 February **2017**.

54 **OYEYEMI, M. O. &**Comfort T. Ajuwon (**2017**). Semen characteristics and morphology of West African dwarf bucks treated with crude extract of *Ocimum gratissimum.* 2nd International Conference of the Society for Medicinal Plants and Economic Development. *Birchwood Hotel & OR Tambo Conference Centre, Johannesburg, South Africa* 27-30 August 2017

55 **M. O. OYEYEMI,** Moyinoluwa J. Olusoji, E. R. Asenuga, T. O. Omobowale, O. L. Ajayi and A. A. Oyagbemi (**2018**). Antioxidant and Anti-apoptotic effect of Gallic acid on doxorubicin-induced testicular and epididymal toxicity. Paper delivered at Experimental Biology Conference, *FASEB JOURNAL 32(1) 2018*

56 **OYEYEMI, M. O. &**Victoria Bukola Adedeji (**2018**) **T**he effect of crude extract of amaranthus hybridus on the reproductive parameters of the male Wistar rats. 3nd International Conference of Society for Medicinal Plants and Economic Development (SOMPED). Aha Kopanong Conference Centre, Johannesburg, South Africa, 26-30 August 2018.

57 Adamu, HB; **OYEYEMI, MO and** Ikokide, EJ (**2018**) Effects of oral administration of Monosodium glutamate (MSG) on semen characteristics and sperm morphology of West African Dwarf bucks (*Capra hircus)* 55th Annual Congress of The Nigerian Veterinary Medical Association (NVMA) Sokoto 22-27 October 2018

58 **OYEYEMI, MO;** Ajuwon,C. Titilayo and Agbugba C. Linda **(2018)** Gonadosomatic index, Epididymal Mass Index and Haematology of male Wistar rat treated with carrot juice. 55th Annual Congress of The Nigerian Veterinary Medical Association (NVMA) Sokoto 22-27 October 2018

59 **OYEYEMI, MO** and Ikokide JE. (**2019).** Comparative effects of methanol and oil extracts of Ocimum gratissimum plant on testicular morphology and epididymal sperm reserve of adult Albino rats (Wistar strain). *4th International Conference of Society for Medicinal Plants and Economic Development (SOMPED)*Held at National Open University of Nigeria (Headquarters), Abuja, Nigeria, 26-29 August 2019.

60 Oloye, AA., Fakile, AA., Amusan, MM., Ola-Davies, OE and **OYEYEMI, MO (2019).** Conception rates in ewes following insemination with semen extender with mixed carrot and mango fruit juices and egg yolk citrate. *4th International Conference of Society For Medicinal Plants and Economic Development (SOMPED)* Held at National Open University of Nigeria (Headquarters), Abuja, Nigeria, 26-29 August 2019.

61 **OYEYEMI, M. O. (2020)**. Information Management in Goal-oriented Organisation. Chartered Institute of Information and Strategy Management. Abuja Nigeria. March 2020

62 Animal Care and Use Research Ethics Committee {ACUREC} **(2021):** Achieving Effectiveness, Efficiency, Integrity and Reliability in Animal-Based Research held on 28-29 June 2021 at Faculty of Veterinary Medicine, University of Ibadan, Nigeria

63 **OYEYEMI M. O. (2021).** Leadership for Strategic Management of an Organisation. Chartered Institute of Information and Strategy Management. Asaba Nigeria. June 12, **2021.**

64 Professional Continuing Education Courses of the Veterinary Council of Nigeria, 28-29 July **2021.** Theme: Optimising Extant Opportunities in the Current Global Health Crises

65 **OYEYEMI, MO,** Modupe Sitoand Wahab Abiodun Temitayo (**2021).** Comparative effects of methanol and aqueous extracts of *Corchorus olitorius* plant on some reproductive indices of male albino rats (Wistar strain) 5*th International Conference of Society for Medicinal Plants and Economic Development (SOMPED),* Hosted by Ghana branch of SOMPED, Ghana, 24-26 August **2021**.

66 Samuel Gbadebo Olukole; Adenike Olatunji-Akioye; **MATTHEW OLUGBENGA OYEYEMI** & Bankole Olusiji Oke (**2021)**. Proceedings of the Thirty-First Annual Symposium on Sea Turtle Biology and… UC SAN DIEGO LIBRARY. NOAA Technical Memorandum. Pg 184 10-16 April 2021 San Diego, California, USA

67 **OYEYEMI, M. O.** and Deborah Damilola Akinbode **(2023).** Semen characteristics and testicular morphology of male Albino rats treated with aqueous and methanol leaf extracts of *Newbouldia laevis.* Centre for Plant Medicine Research 2nd Oku Ampofo memorial conference. Theme: Herbal

Medicine Research: a Panacea for Economic Transformation Date: 7-10th November 2023. Venue: AH Hotel and Conference, East Legon, Republic of Ghana

JOURNAL ARTICLES

68 Ogundipe, G.A.T.**, OYEYEMI, M. O.** and I. F. Ijagbone (**1994)**. Seroprevalence of Brucella abortus agglutinins in slaughtered cattle in Ibadan, Nigeria. Tropical Veterinarian. Vol. 12 (3 & 4) 158 – 161. www.ajol.info (**Nigeria**).

69 **OYEYEMI, M.O**., Akusu, M.O., Olaoye, M.O and Omobowale, O.T. (**1996)**. Effects of frequent ejaculation on the characteristics of West African Dwarf bucks. Tropical Veterinarian. (Special Edition. Vol. 1, 9 – 15. www.ajol.info (Nigeria).

70 Agunloye, C.A., **OYEYEMI, M.O.**, Akusu, M.O., Ajala, O.O. and Agbede, S.A. (**1996**). Clinical and serological diagnosis of Leptospirosis in aborting West African dwarf goats. Nigerian Veterinary Journal. (Special Edition) Vol. 1, 9 – 15. www.biologybrowse.org and www.ajol.info (**Nigeria**).

71 Akusu, M.O., **OYEYEMI, M.O**., Akpavie, S.O. and A.O. Akande (**1997**). Effect of planes of nutrition on reproductive activity and kid mortality in West African Dwarf (WAD) goats. Bulletin of Animal Health and Production Africa. 45, 127 – 129. www.fao.org and www.ajol.info (**Kenya**).

72 Ajala, O.O., Daneji, A.I., Kumshe, H.A., **OYEYEMI, M.O**. (**1997**). Treatment of *Peste des Petit Ruminants* (PPR) in Pre–weaned West African Dwarf goat kids. Tropical Veterinarian. Vol. 15 (1 & 2) 39 – 42. www.fao.org and www.ajol.info (**Nigeria**).

73 Akusu, M.O. and **OYEYEMI, M.O**. (**1998)**. Reproductive performance of West African Dwarf goats in the Humid Tropical Environment of Ibadan. Bulletin of Animal Health and Production Africa. .46, 59-61.www.fao.org (**Kenya**).

74 **OYEYEMI, M.O.** and Akusu, M.O. (**1998)**. Short-term effect of Hemi-orchidectomy on testicular and ejaculate characteristics of West African Dwarf bucks. Small Ruminants Research. 31, 75 – 78. www.ingentaconnet.com and www.ees.elsevier.com (**USA)**.

75 Imumorin, I.G., Ologun, A.G., **OYEYEMI, M.O.** (**1999)**. Preliminary observations on the effects of haemoglobin genotype and estimate of genetic distance at the HB Locus in West African Dwarf and Red Sokoto goats. Tropical Journal of Animal Science. 1; 1–9. www.ento.psu.edu (**Nigeria**).

76 Olaifa, A.K., Onwuka, S.K., **OYEYEMI, M.O**., Olaifa, F.E., Utho, O.A. and Adewoye, E.O. (**2000)**. Bilateral Orchidectomy in West African Dwarf (WAD) goats: Effects on Blood electrolyte level. African Journal of Biomedical Research. Vol 3, (1) 57–60. www.bioline.org.br (**Nigeria**).

77 Olaifa A.K., Onwuka, S.K...; **OYEYEMI, M.O**. and Utho, A.O (**2000)**. Bilateral Orchidectomy in West African bucks: Effects on serum cholesterol level. Tropical Journal of Animal Science, 3(1) 107 – 112. www.ento.psu.edu. www.ajol.info (**Nigeria**).

78 Ajala, O.O.; **OYEYEMI, M.O.** and Aderoju, O.A. (**2000)**. Double cervix in a five-year-old white Fulani Cow. African Journal of Biomedical Research. Vol. 3 (3) 201–202. www.bioline.org.br (**Nigeria**).

79 **OYEYEMI, M.O**.; Ola-Davies, O.E., Oke, A.O. and C.O. Idehen, (**2000**). Morphological changes in sperm cells during epididymal transit in West African Dwarf buck. Tropical Veterinarian. Vol. 18 (3 & 4), 207 – 212. www.ajol.info . (**Nigeria**).

80 Saba, A.B., Ola-Davies, E. O, **OYEYEMI, M. O.** and Ajala O. O. (**2000)**. The toxic effects of prolonged administration of Chloramphenicol on the liver and kidney of rats. African Journal of Biomedical Research: Vol. 3 (3)133-137 www.bioline.org.br (**Nigeria**)

81 Ajala O.O., **OYEYEMI M.O**., Oke A.O., and Alakpa C.O. (**2000).** Haematological and biochemical parameters in West African Dwarf (WAD) bucks fed diets containing *Milletia thonningii*. African Journal of Biomedical Research. Vol 3: 121-123 www.bioline.org.br (**Nigeria**).

82 **OYEYEMI, M.O**.; Olaifa, A.K.; Onwuka, S.K.; Akinloye, A.K. and Utho, O.A., (**2000)**. The effects of Bilateral Orchidectomy on some serum enzymes and proteins in the West African Dwarf Buck. African Journal of Biomedical Research Vol 3(2) 105–108.www.bioline.org.br (**Nigeria**).

83 **OYEYEMI, M.O**., Akusu, M.O. and Ola-Davies, E.O (**2000**). Effects of successive ejaculations on the Spermiogram of West African Dwarf goats (*Capra hircus* L.). Veterinarski Arhiv. 70 (4), 215 – 221. www.vef.hr/vetarhiv/papers (**Croatia**).

84 **OYEYEMI, M.O**., Akusu, M. O. and Ogundipe, G.A.T., (**2001)** Effects and Economic implications of different planes of nutrition on Gestation periods and birth weights of West African Dwarf goat. Tropical Veterinarian. Vol. 19 (3), 210 – 215. www.ajol.info (**Nigeria**).

85 **OYEYEMI, M.O**., Ajala, O.O. and Ibironke, A.A (**2001)**. Short-term effect of vasectomy on spermatozoa characteristics and scrotal circumference of West African Dwarf bucks. African Journal of Biomedical Research. Vol. 4, 39 – 41. www.bioline.org.br (**Nigeria**).

86 **OYEYEMI, M.O**., Bamidele, T.O., Jolaoso, V.B.O., and Akingbogun, O.K., **(2001).** The effects of feed supplementation on weight changes, liver enzymes and some minerals in adult West African Dwarf does. Nigerian Veterinary Journal. Vol. 22 (1), 43 – 52. www.fao.org and www.ajol.info (**Nigeria**).

87 Awojobi, H.A. and **OYEYEMI, M.O**. **(2001**). Morphological changes in epididymal spermatozoa of Red Sokoto (Maradi) bucks. Nigerian Journal of Animal Production. 28 (2) 207 – 210. www.ajol.info (**Nigeria**).

88 Ajala, O.O., **OYEYEMI, M.O**., Akusu, M.O and Eimunjeze, H.E (**2001**). The effects of scrotal insulation on the testicles and spermatozoa characteristics of the West African Dwarf goats. Sokoto Veterinary Journal. 3(1) 44- 50. www.bioline.org.br (**Nigeria**).

89 Ajala, Oluwatoyin; Ajadi, R.A., **OYEYEMI, M.O**., Emipke, B.O. and Akusu, M.O (**2002)**. Vaginal hyperplasia in a Nigerian Local Bitch. Tropical Veterinarian. 20 (3) 149-152 www.ajol.info (**Nigeria**).

90 **OYEYEMI M.O**. Oke, A. Olusola; Ajala, O. Oluwatoyin and Idehen C. O. (**2002**). Differences in Testicular Parameters and Morphological characteristics of spermatozoa as related to the age of West African Dwarf Goat. Tropical Journal of Animal Science. 5(1) 99–107.www.ento.psu.edu (**Nigeria**).

91 Ajala, O. Oluwatoyin, Emikpe, B. O and **OYEYEMI M.O.** (**2002**) Uterine Torsion in a West African dwarf ewe in Ibadan, Nigeria. Tropical Veterinarian 20(4) 201–203 www.ajol.info (**Nigeria**).

92 **OYEYEMI M.O.** and Akusu, M. O. (**2002)**. Response of Multiparous and Primiparous West African Dwarf goats (*Capra hircus, L.*) to concentrate supplementation. Veterinarski Arhiv 72(1), 29–38. www.vef.hr/vetarhiv/papers**(Croatia**).

93 Ola-Davies O.E., **OYEYEMI M.O.**, Saba A.B. and Ajala O.O. **(2002**) Prevalence of Eimeria oocysts in West African Dwarf goats at the University of Ibadan Farm. Nigerian Journal of Animal Production. 29 (2): 259-26. www.ajol.info and www.unab.edu.ng (**Nigeria**).

94 Ariyibi A.A; **OYEYEMI M.O**., and Ajadi R.A. (**2002**). A comparative study of some haematology and biochemical parameters of clinically healthy Alsatian and local dogs. African Journal of Biomedical Research. Vol. 5: 145-147. www.bioline.org.br (**Nigeria**).

95 Oke, Olusola A.; Ajala, Oluwatoyin O., **OYEYEMI M.O.**, and Kadiri A.O. (**2003**). The effect of starvation on scrotal circumference and morphology of spermatozoa of West African Dwarf goat buck. Tropical Veterinarian. Vol.21 (2) 9-14. www.ajol.info (**Nigeria**).

96 Adeyemi I.G., **OYEYEMI M.O**., Ogundipe G.A.T., and Ajala O.O. (**2003**). Monitoring of sarcoptic mange infestation and treatments in confined goats in the Teaching and Research Farm, University of Ibadan (1993-1995). Nigerian Veterinary Journal. 24(3): 126-132. www.biologybrowser.org and www.ajol.info (**Nigeria**).

97 Ajadi,R.A.; O. O. Ajala; **OYEYEMI, M.O**. Akusu, M.O. (**2004)**. Achondroplastic Syndrome in a West African Dwarf lamb. African Journal of Biomedical Research. Vol. 8: 67-69 www.bioline.org.br. (**Nigeria**)**.**

98 **OYEYEMI M. O**. and Akusu M. O. (**2005)**. Retrospective study on some diseases causing mortality in West African dwarf (Fouta Djallon) goats during the first year of life: an eight-year study. Nigerian Journal of Animal Production. Vol. 32(1) 120-125. www.ajol.info (**Nigeria**)**.**

99 Lasisi O.T., **OYEYEMI M.O**; Otesile E.B and Akusu M.O. (**2005**). The effect of thiophanate on Caprine Strongyle worms. Vom Journal of Veterinary Science 1 (2): 32-37. www.uneca.org (**Nigeria**).

100 **OYEYEMI, M. O**. and Ubiogoro, O. (**2005)**. Spermiogram and Morphological characteristics in testicular and epididymal spermatozoa of Large White Boar in Nigeria. International Journal of Morphology. 23(3): 235-239 www.scielo.cl/ijmorphol (**Chile**).

101 **OYEYEMI, M. O.**; Adetunji, V. O., Oyebamiji Olubukola **(2006**). Effects of different planes of meat offal and soybean meal on the morphological characteristics of West African dwarf bucks' Spermiogram. Veterinarski Arhiv. 76(2), 159-165. www.vef.hr/vetarhiv/papers (**Croatia**).

102 **OYEYEMI M. O**. and Babalola Eunice Temilade, (**2006**). Testicular Parameters and Morphological Characteristics of Testicular and Epididymal Spermatozoa of White Fulani Bulls in Nigeria. International Journal of Morphology. 24 (2): 175-180. www.scielo.cl/ijmorphol (**Chile**)**.**

103 **OYEYEMI, M. O.**, Towobola, Bisoye, A. and Ola-Davies, Olufunke, E. (**2006**). The Reproductive Implications of Clomiphene Citrate on Sperm Cells during the Epididymal Transit of Spermatozoa in Male Wistar Rats. Folia Veterinaria. 50 (3) 131-133.www.uvm.sk **(Slovak**)**.**

104 Farombi, E. O; Abarikwu, S. O; Adedara I. A. and **OYEYEMI, M. O.** (**2007)**. Curcumin and Kolaviron Ameliorate Di-n-Butylphthalate-Induced Testicular Damage in Rats. Basic and Clinical Pharmacology and Toxicology. 100 (1) 43-48.www.ingentaconnect.com (**Denmark**).

105 **OYEYEMI M. O.** and Okediran, B. S. (**2007**) Testicular Parameters and Sperm Morphology of Chinchilla Rabbit fed with different Planes of Soymeal. International Journal of Morphology 25(1)139-144. www.scielo.cl/ijmorphol. **(Chile**).

106 Adeyemo, O.K; Adeyemo, O.A; **OYEYEMI, M. O**. and Agbede, S.A. (**2007)** Effect of semen extenders on the motility and viability of stored African Catfish (*Clarias gariepinus*) spermatozoa. Journal of Applied Science and Environmental Management.Vol.11 (1) 13-16. www.bioline.org.br/ja (**Nigeria**).

107 Ososanya, T. O., Odedire, J. A., and **OYEYEMI, M. O**. (**2007**). Performance Assessment of pregnant Ewe fed Broiler Litter as Feed Supplement. Pakistan Journal of Nutrition. 6(6): 701-704. www.pjbs.org/pjonline (**Pakistan**).

108 Sule, F. W., **OYEYEMI M. O.**, Akusu, M. O. (**2007**). Coconut milk-citrate as an extender for West African dwarf buck spermatozoa at room temperature. BIOKEMISTRI 19 (2):65-73 www.bioline.org.br/bk (**Nigeria**).

109 **OYEYEMI, M. O.** Oluwatoyin O. Ajala, Leigh, O. O. Adesiji, T. Fisayo (**2008**). The spermiogram of male Wistar rats treated with aqueous leaf extract of Vernonia *amygdalina.* Folia Veterinaria. 51, 3-4, 126-129. www.uvm.sk (**Slovak**).

110 Farombi, E. O., Ugwuezunmba M. C., Ezenwadu T. T., **OYEYEMI M. O.** and Matins Ekor **(2008).** Tetracycline-induced reproductive toxicity in male Rats: effect of vitamin C and N-acetylcysteine. Experimental and Toxicologic Pathology. 60(1)77-85. www.sciencedirect.com/science (**Germany**).

111 **OYEYEMI, M. O.,** Olukole, S. G. Esan, O. (**2008**) Sperm morphological studies of West African Dwarf bucks treated with Pumpkin Plant (Cucurbita pepo). International Journal of Morphology. Vol. 26 (1) 121-126. www.scielo.cl/ijmorphol. (**Chile**).

112 **OYEYEMI, M. O.**, Ayinmode, A. B., Adetunji, V. O. and Akin-Taiwo, M. A. (**2008)**. The Semen Characteristics of West African dwarf bucks infected with *Listeria monocytogenes* Bulletin of Animal Health and Production, Africa 56,307-313 (Nairobi). www.fao.org (**Kenya)**.

113 Oloye, A. A. **OYEYEMI**., **M. O.** Ajala O. O. and M. O. Akusu (**2008**) Comparative study of fresh Coconut Milk and Standard Egg Yolk-based Semen Extenders. Tropical Veterinarian. Vol. 26 (1&2), 7-13. www.pwr@inasp.info. (**Nigeria**).

114 **OYEYEMI, M. O.,** Leigh, O. O., Ajala, O. O., Badejo, A. O.and Emikpe, B. O. (**2008**). The effects of the aqueous extract of 'UGU' (Telfairia occidentalis) leaf on the Testis and Spermatozoa Characteristics in the Male Albino Rat (Wistar Strain). Folia Veterinaria, 52 (2): 102-105. www.uvm.sk (**Slovak**).

115 Saba, A. B., Oridupa O. A., **OYEYEMI, M. O**. and Osanyingbe, O. D. (**2009)**: Spermatozoa morphology and Characteristics of male Wistar rats administered with ethanolic extract of *Lagenaria Breviflora* Roberts. African Journal of Biotechnology. Vol 8 (7), 1170-1175 www.academicjournals.org/ABJ. (**South Africa**)

116 **OYEYEMI M. O.** and Adeniji, D. A. (**2009).** Morphological Characteristics and haematological studies in Wistar rats subjected to the prolonged treatment of Chloramphenicol. International Journal of Morphology. 27(1) 7-11. www.scielo.cl/ ijmorphol. (**Chile**).

117 Adedapo, AA., Ayodele, AE, Ogunshe, AAO., **OYEYEMI M. O**., Idowu, S. O., Ola-Davies O. E.& Ademola I. O. (**2009**): Haematinic potencies of the aqueous crude extracts of *Ficus mucoso* and *Senna occidentalis* in rabbits. African Journal of Biomedical 12:47-54 www.bioline.org.br (**Nigeria**).

118 **OYEYEMI, M.O**.; Olukole, S.G.; Taiwo Bolanle and Adeniji, D.A. (**2009).** Sperm Motility and viability in West African dwarf Rams treated with *Euphobia hirta*. International Journal of Morphology. 27(2) 469-472. www.scielo.cl/ijmorphol. (**Chile**)

119 Abarikwu, SO; Adesiyan, AC; Oyeloja, TO; **OYEYEMI, MO** and Farombi, EO (**2009**). Changes in Sperm Characteristics and induction of oxidative stress in the testis and epididymis of experimental Rats by a Herbicide, Atrazine. Archiv. Environmental Contamination Toxicology 58:874-882. www.springer.com (**USA**)

120 Oloye, A.A.; **OYEYEMI, M. O**. and Akusu, M. O. (**2009**) A Comparative study of parboiled Coconut milk and Standard egg yolk-based semen extenders. Vom Journal of Veterinary Science Vol 6 pp 36-40 www.uneca.org (**Nigeria**).

121 Ajala, O.O.; Oloye, A.A.; **OYEYEMI, M.O.** and Adewale T. K. (**2009**). Semen Characteristics of German Shepherd Dogs under the hot, humid climatic conditions of South-West Nigeria. Journal of Applied Agricultural Research 1: 67-70. www.arcnigeria.org (**Nigeria**).

122 Olukole, S. G., **OYEYEMI, M. O. and** B. O.Oke (**2009**). Biometrical observations on the testes and epididymis of the testes and epididymis of the Domesticated adult African Great cane rat *Thryonmys swinderianus.* European Journal of Anatomy 13(2): 71-75 www.eurjanat.com (**Spain**).

123 Odewusi, AF; Ehigie, LO; **OYEYEMI, MO;** Olayemi, FO; Emikpe, BO; Adisa, RA; and Olorunsogo, OO (**2010**). Effects of leaf decoction of *Momordica charantia* (Bitter lemon) on mitochondrial membrane permeability transition pore (MMPT) and fertility in normal male albino rats. African Journal of Medicine and Medicine. Sci. 39 Suppl. 47-59.www.ajol.info (**Nigeria**)

124 **OYEYEMI, M.O.,** Olugbemi, J.B and Adeniji D.A. (**2009**). Testicular parameters and histological changes in thermally damaged testes and epididymides of West African Dwarf bucks treated with Proviron. TropicalVeterinarian Vol. 27(3): 8-14. www.ajol.info (**Nigeria**)

125 Deborah A. Adeniji, **Matthew O. Oyeyemi** and Joshua B. Olugbemi **(2010).** Sperm Morphological characteristics and mating behaviour of Proviron® treated West African Dwarf bucks with testicular degeneration. International Journal of Morphology. 28(2) 623-626. www.scielo.cl/ijmorphol. (**Chile).**

126 **OYEYEMI, M.O**. and Adeniji, D. A. (**2010**). Gestation Length and birth parameters of West African dwarf Does fed with different planes of nutrition. Journal of Commonwealth Veterinary Association Vol. 26 (2) 5-10.www.researchgate.net (**Ghana**)

127 Olayemi F.O., Raji Y., Adegoke O.A. and **OYEYEMI M. O.** (**2010**). Haematological Profiles in male rats treated with methanolic extracts or chromatographic fractions of *Cnestis ferruginae* (de Candolle). Journal of Medicinal Plants Research. Vol. 4.15: 1-9 www.academicjournals.org (**Kenya)**

128 Oloye A. A., **OYEYEMI M. O.,** Olurode S.A. and Durosinmi M. E. (**2010**). Effects of Hemi-orchidectomy on the spermiogram and testicular characteristics of the West African Dwarf ram. Bulletin of Animal Health and Production Africa. 59 (1) 95-99 Nairobi.www.au.ibar.org (**Nairobi**)

129 Azeez OI, Oyagbemi AA, **OYEYEMI MO**, Odetola AA (**2010)**. Ameliorative effects of *Cnidoscolus aconitifolius* on Alloxan toxicity in Wistar rats. African Health Sciences Vol. 10 No 3:283-291 www.bioline.org.br (**Nigeria**)

130 Olayemi, F. O., Raji, Y. Adegoke, O.A. and **OYEYEMI, M. O**. **(2010**): Effect of acute and chronic administration of the methanol extract of the root of *Cnestis ferruginea* on the haematology and some biochemical profiles of male rats. Tropical Veterinarian 28 (4):11-19 Nigeria. www.ajol.info (**Nigeria**)

131 Samuel G. Olukole; **MATTHEW O. OYEYEMI**, Bankole O. Oke (**2010**) Gonadal and extragonadal sperm reserves of the domesticated adult African greater cane rat (*Thryonomys swinderianus*) Reproductive Biology 10(2):155-158 www.sciencedirect.com (**Poland)**

132 **OYEYEMI M. O**. S. G. Olukole., Ajayi T. A. Adeniji D. Adejoke (**2011).** Semen characteristics and sperm morphological studies of the West African Dwarf Buck treated with Aloe vera gel extract. Iranian Journal of Reproductive Medicine Vol 9. No.2: 83-88, Spring 2011.www.bioline.org (**Iran**)

133 Adebukola C. Adesiyan, Titilola O. Oyejola, Sunny O. Abarikwu, **MATTHEW O. OYEYEMI,** Ebenezer O. Farombi (**2011**). Selenium protects the liver but not the reproductive organs in an atrazine model of the experiment. Experimental and Toxicology Pathology 63:201-207. *www.ibg.uu.se* (**Sweden**)

134 **OYEYEMI, M. O.,** Adeniji, D. A. and Olugbemi, J.B. (**2011)**. The Spermiogram of Mesterolone-Treated West African Dwarf Bucks with Testicular Degeneration. Nigerian Veterinary Journal. 32(1): 2011; 54 – 59.www.biologybrowse.org (**Nigeria**).

135 **OYEYEMI, M. O.** And Ogunsola, G.J. (**2011**). Heterosis and Growth Statistics of Pure and Crossbred Sheep in Humid Tropics of Ibadan, Nigeria. Nigerian Veterinary Journal 32 (1) 137-142 Nigeria. www.biologybrowse.org (**Nigeria**)

136 Ademola A. Oyagbemi; Odunayo I. Azeez; Kehinde O. Soetan; Adewale T. Ajala; Funsho O. Olayemi; **MATTHEW O. OYEYEMI(2011)**. Assessment of the effects of different concentrations of ethylenediamine tetra-acetic acid (EDTA) on erythrocytic indices of Nigerian White Fulani cattle and West African Dwarf goat. Tropical Animal Health Production. 43:1015-1018. www.researchgate.net (**Nigeria**)

137 **OYEYEMI, M.O.** and A.P. Fayomi (**2011**). Gonadosomatic Index and Spermatozoa Morphological characteristics of male Wistar rats treated with a graded concentration of *Aloe vera* gel. International Journal of Animal and Veterinary Advances 3(2): 47-53.www.doaj.org (**Taiwan**).

138 Soetan K. O. and **OYEYEMI, M. O.** (**2011**). Responses of West African Dwarf Does to Sil-Estrus Implant and Associated Haematological Changes. International Journal of Applied Agricultural Research. 6 (1) pp. 1–8www.ripublication.com/ijaar **(India**)

139 **OYEYEMI, M. O.**, Fayomi, A.P., Adeniji, D.A. and Ojo, O. M. (**2011**) Gonadal and Extragonadal Spermiogram of Sahel Buck in the Humid Zone of Nigeria. Current Research Journal of Biological Sciences 3(5): 468-471.maxwellsci.com (**Taiwan)**

140 Olayemi, F. Olubukola; Adeniji, A. Deborah and **OYEYEMI, M. O.** (**2011**). Evaluation of Sperm motility and viability in Honey-Included Egg yolk-based extenders. Global Veterinaria 7 (1) 19-21www.idosi.org (**Dubai**)

141 **OYEYEMI, M. O.** And Fayomi, A. P. (**2011**).Fertility Potential of Male Wistar Rats Treated with Graded Concentration of *Talinum Triangulare* (Water Leaf) Crude Extract.International Journal of Applied Agricultural Research. Vol. 6 No. 2. 153-160 www.ripublication.com/ijaar. **(India**)

142 Olayemi, F. O., Raji, Y., Adegoke, O. A. and **OYEYEMI, M. O.** (**2011**). Effects of methanol Root extract of *Cnestis ferruginea* (De Candolle) on some reproductive parameters of male Rats. Tropical Veterinarian 29 (1): 1-11.www.ajol.info (**Nigeria**)

143 Igado, O.O., Ajala. O.O. And **OYEYEMI, M. O**. (**2011).** Investigation into the Haematological and Liver enzyme changes at different stages of gestation in the West African dwarf goats (*Capra hircus* L.). International Journal of Animal and Veterinary Advances Vol 3(5) 277-281 www.doaj.org (**Taiwan**).

144 **OYEYEMI, M. O.,** Leigh, OO. & Fakayode, MO. (**2011**). Spermiogram & changes in body parameters of West African dwarf Bucks fed with Dussa-poultry combination. Global Veterinaria 6(2): 136-139.www.idosi.org (**Dubai**)

145 Oloye, A. A., **OYEYEMI, M. O.,** Ola-Davies O. E. and Innamah O. A. (**2011**). Effect of Aqueous Extracts of *Spondias monbin* on the Spermiogram of Wistar rats.Bulletin of Animal Health and Production Africa. 59:95-99.www.au.ibar.org/www.ajol.info (**Kenya**)

146 **OYEYEMI, M. O.;** Fayomi, A.P. and Babatunde Lawal (**2011).** Pattern of gestational weight gain in the nulliparous West African dwarf and red Sokoto goats. Africa Journal of Animal and Biomedical Science 6(1):1-8. www.ajabsjournals.com (**USA)**

147 **MATTHEW O. OYEYEMI** and Adetunji P. Fayomi **(2011)**. Reproductive Potential of Male Wistar Rat Treated for Short-Term with Graded Concentration of Talinum Triangulare (Water Leaf) Crude ExtractGlobal Veterinaria 7 (2): 188-191,www.idosi.org (**Dubai**)

148 **OYEYEMI, M.O.,** Akusu, M.O. and Deborah A. Adeniji (**2012**). Comparative responses of west African dwarf goats to three oestrus synchronizing agents. Israel Journal of Veterinary Medicine Vo.67 (1) 1-7. www.isrvma.org. (**Israel**)

149 Ajala, O.O., Fayemi, O.E. **OYEYEMI, M. O.** (**2012**). The Oestrus cycle of the Nigerian local bitch. Global Veterinaria 8 (6): 574-582 www.idosi.org. (**Dubai**)

150 Ajadi T. A., **OYEYEMI M.O.** and Ajadi R. A. (**2012)**. Snail mucin enhanced the motility of goat semen preserved in egg yolk extender. Israel Journal of Veterinary Medicine. 67(1) 60-66. www.isrvma.org (**Israel**)

151 **OYEYEMI, M. O.**, Fayomi, A.P.; Adeniji, D. Adejoke and Ojo, K Mary (**2012).** Testicular and Epididymal Parameters of Sahel Buck in the Humid Zone of Nigeria. International Journal of Morphology. 30 (2) 489-492. www.scielo.cl/www.researchgate.net (**Chile**)

152 Farombi, EO; Ekor Martins; Adedara, I.A. Tonwe, E. K. Ojujoh, T. O. and **OYEYEMI, MO. (2012).** Quercetin protects against testicular toxicity induced by chronic administration of a therapeutic dose of quinine sulfate in rats. Journal of Basic Clinical Physiology Pharmacology 23(1): 39-44 www.scimagojr.com**(Israel**).

153 Ajala, O. O.; Fayemi, O. E and **OYEYEMI, M. O. (2012).** Some reproductive indices of the Nigerian local bitches in Ibadan, Nigeria. Nigerian Journal of Physiological Sciences 27(1): 49-53. www.njps.com.ng (**Nigeria**)

154 Oloye, A. A.; **OYEYEMI, M. O.**, Ola-Davies O. E. and Oladejo A. **(2012**) Vaginal cytology pattern and birth features of female Wistar Rats treated with graded doses of ethanolic extract of *Spondias mombin.* Bulletin of Animal Health and Production Africa (Kenya) 60(3) 297-302.www.au.ibar.org/www.ajol.info (**Kenya**)

155 Oloye A.A.; **OYEYEMI M.O**.; Ola-Davies O.E.; Olurode S.A. and Inamah O.A. (**2012**) Testicular morphometry and histology of male Wistar rats and gestational pattern of female Wistar rats treated with graded dosages of the leaves' aqueous extract of *Spondias mombin*. Bulletin of Animal Health and Production Africa 60: 71-76. www.au.ibar.org/www.ajol.info (**Kenya**)

156 Oloye A. A., **M.O. OYEYEMI**; O.E. Ola-Davies; S.A. Olurode and A.R. Ajayi (**2013**) Hormonal variation in gravid does after oral treatment with crude ethanol extract of *Spondias mombin. Journal* of Natural Products, Vol 6(2013): 56-60 www.journalnaturalproducts.com (**India**)

157 Ajala, O. O; **OYEYEMI M. O.**; Fayomi A. P. and Olaniyan D. **(2013**) Gonadosomatic index of female Wister rats treated with graded concentration of *Aloe Vera* gel Journal of Medicinal Plants Research Vol. 7(7), pp. 339-342 www.academicjournals.org (**Nigeria**)

158 Olukole, Samuel G., Okusanya, Beatrice O., **OYEYEMI, MATTHEW O.** and Oke, Bankole O. (**2013**) Sperm Morphological Characteristics and Morphometry

in the African Sideneck Turtle (*Pelusios castaneus*). Asian Journal of Experimental Biological Sciences. Vol 4 No.4: 607-612. (**India**)

159 **OYEYEMI, M. O**. and Ajani, O. S (**2013**). Semen characteristics and haematological parameters of West Africa dwarf bucks treated with aqueous extract of *Cnidoscolus aconitifolius* (Chaya). Nigerian Veterinary Journal 34(1) 709-719. www.ajol.info**(Nigeria**)

160 Oloye, AA; **OYEYEMI, M. O.,** Ola-Davies, OE; Ajayi, OL and Ajayi, RA (**2013**). Vital reproductive indices in non-gravid female rabbits treated with crude ethanol extract of *Spondias mombin*.Folia Veterinaria 57 (1) 5-9. www.researchgate.net (**California**)

161 Olayemi F.O, Raji Y., Adegoke O.A. and **OYEYEMI M.O.** (**2013**). Haematological and some biochemical profiles in male rats treated with *Cnestis ferruginea* (de Candolle) root extract and its pure fractions. African Journal of Pharmacy and Pharmacology. Vol 7 (20) pp 1231-1235. www.academicjournals.org/AJPP. (**Nigeria**)

162 Ajadi, T. A. **OYEYEMI, M. O**. and R. A. Ajadi (**2013**). Practices and concerns of castration of dogs in Nigeria. Bulletin of Animal Health and Production in Africa. 61 (3) 453-459. www.au.ibar.org/www.ajol.info (**Kenya**)

163 **OYEYEMI, M. O.,** Ajani, O. S. and Ajayi, J. O. (**2013**). Response of primiparous Uda Ewe to concentrate supplementation. Bulletin of Animal Health and Production in Africa 61 (3): 461-466. www.au.ibar.org/www.ajol.info (**Kenya**)

164 **OYEYEMI, M.O;** Olukole S.G, and Ajayi T.A (**2014**). Haematological parameters of the West African Dwarf bucks treated with Aloe Vera. Journal of Pharmaceutical & Scientific Innovation 35-38.www.jpsionline.com (**India**)

165 Olufunke Ola- Davies, O.S. Ajani, **M.O.OYEYEMI** and S. Ekundayo (**2014**). Testicular and epididymal Parameters of *Spondia mombin* L. (Anacardiaceae) protected Male Wistar Rats exposed to sodium arsenite. Global Veterinaria, 12 (2): 232-236. www.idosi.org. (**Pakistan**)

166 Olukole, S.G; **M.O. OYEYEM**I and B.O. Oke (**2014**). Spermatogenic cycle of the African side-neck turtle *Pelusios castaneus* (Schweigger, 1812) (Reptilia: Testudines). Italian Journal of Zoology, 1-7.www.tandfonline.com. (**Italy**).

167 Ososanya, T.O; M.K. Adewumi, **M.O. OYEYEMI** and A.O. Adeosun (**2014**). Semen characteristics of pubertal West African Dwarf rams fed pineapple waste silage as a replacement for dried cassava peel. African Journal of Agricultural Research. www.academicjournals.org/AJAR (**Nigeria**)

168 Ola-Davies, Olufunke E; Ajani O.S. and **OYEYEMI M.O.** (**2014**). Spermatozoa morphology and characteristics of *Spondias mombin* L. (Anacardiaceae) protected Male Wistar rats exposed to sodium arsenite. Journal of Veterinary Medicine and Animal Health. www.academicjournals.org/ JVMAH. (**USA**).

169 **OYEYEMI M.O** and Ajani O.S. (**2014**). Spermatozoa characteristics, serum Biochemistry and Haematological profile of male Albino Rats (Wistar strain) treated with *Momordica charantia*. International Journal of Applied Agricultural Research. Vol.9 No 1, pp 41-52. www.ripublication.com. (**India**).

170 Ajani O.S and **OYEYEMI M.O.** (**2014**). Spermatozoa characteristics and morphology of West African Dwarf rams treated with aqueous extract of *Cnidoscolus aconitifolius* (Chaya). International Journal of Applied Agricultural Research. Vol.9, No 1, pp 33-40. www.ripublication.com. (**India**)

171 Adebayo, A. O; A. K. Akinloye, S. G. Olukole, **M. O. OYEYEMI**, V. O. Taiwo, A. O. Ihunwo and B. O. Oke (**2014).** Gross, Histological and Ultrastructural Features of the Bulbourethral Gland in the Greater Cane Rat (*Thryonomys swinderianus*). Anatomia Histologia Embryologia 1-7 www.journalseek.net **(USA**)

172 **M.O. OYEYEMI** and Ajani O.S**. (2014)**. Haematological Parameters and Serum Testosterone of West African Dwarf Rams Treated with Aqueous Extract of Cnidoscolus aconitifolius (Chaya).*Journal of Medicinal Plant Research*. Vol. 8(14), pp. 571-575. www.academicjournals.org/JMPR. **(USA**)

173 Olukole S.G, Okusanya B.O, Agbato O.A, Kekere A.D, **OYEYEMI M.O** and Oke B.O (**2014**). Morphological Analysis of the Carapace of the African Sideneck (*Pelusios castaneus*). *Journal of Veterinary Anatomy* Vol 7, No 1 (2014). Pp 47 – 56. www.vetanat.com (**Egypt**)

174 Olukole, S.G.; **OYEYEMI, M. O and** B.O. Oke (**2014**). Biometrical and Histometrical Observations on the Testis and Epididymis of the African Sideneck Turtle (*Pelusios castaneus*). *European Journal of Anatomy*18(2), (2014). Pp 102 – 108. www.eurjanat.com (**Spain**).

175 Omotosho O.O., Adebiyi M.A., and **OYEYEMI M.O. (2014).** Comparative Study of the Haematology and Serum Biochemistry of Male Wister Rats Treated with Chloroquine and Artesunate.*Journal of Physiology Pharm Adv* 4 (8): 413 – 419. www.grjournals.com (**Iran**).

176 Esan, O.O., Esan O. Oluwayemisi and **M. O. OYEYEMI** (**2014).** Sperm Morphological Characteristics of Clomiphene Citrate-Treated West African Dwarf Bucks with Testicular Degeneration. *Advances in Environmental Biology* 8 (12): 594-598. www.aensiweb.com/AEB

177 Olukole, S. G., **OYEYEMI, M. O. and Oke B. O. (2014).** Semen Characteristics and Spermiogram of the African Greater Cane Rat (*Thryonomys swinderiaus*, Temminick). *Slovak Journal Animal Science* 47 (3) 125-131.

178 Olukole, S. G., **OYEYEMI, M. O**. and B. O. Oke (**2014**). The vertebral formula of the African Sideneck Turtle (*Pelusios castaneus*).*Nigerian Veterinary Journal* 35 (1) 942-947. www.ajol.com.

179 Omirinde, J. O. Ozegbe, P. C and **OYEYEMI, M. O (2014)**. Comparative evaluation of the sperm characteristics and morphology of adult Wistar rats fed either low or normal protein-energy diets and orally dosed with aqueous *Cuscuta austalis* extracts.*Nigerian Journal of Physiological Sciences* 29: 55-61.www.njps.com.ng.

180 Olukole, S. G., **OYEYEMI, M. O.** and Oke B. O. **(2014).** Anatomy of the male reproductive organs of the African Sideneck Turtle (*pelusion castaneus*).*Anatomy Journal of Africa* 3(3) 380-385.www.anatomyafrica.org

181 Ajani O.S., **OYEYEMI M. O** and Olusoji J. Moyinoluwa **(2015**). Correlation between age, weight, scrotal circumference and the testicular and epididymal parameters of Red Sokoto bucks. *Journal of Veterinary Medicine and Animal Health* 7 (5): 159-163.www.academicjournal.org/JVMAH

182 **OYEYEMI, M. O.** and O.S Ajani (**2015**). Haematological parameters, semen characteristics and sperm morphology of male albino rat (Wistar strain) treated with Aloe vera gel.*Journal of Medicinal Plants Research* 9(15): 510-514. www.academicjournal.org/JMPR

183 **OYEYEMI M.O**, Esan O.O, Esan O.O, Oyerinde C.M, Uwalaka E.C (**2015**). Effects of *Momordica charantia* on the serum chemistry and some reproductive parameters in the Wistar rats.*Nature and Science*2015;13(4) 119-123 http://www.sciencepub.net/nature

184 **OYEYEMI, M.O.**, Soetan, K. O and Akinpelu, O. B. (**2015).** Sperm characteristics and haemogram of male albino rats (Wistar strain) treated with saponin extract from *vernoania amygdalina del. Asteraeceae* 110192. *Journal of Cell and Animal Biology*, vol. 9 no. 3 26-30 www.academicjournals.org/JCAB

185 Ola-Davies, O. E., Oloye, A. A. and **OYEYEMI, M. O.** (**2015**) Ameliorating effects of Guava *(Psidium guajava)* extract on Adriamycin induced reproductive toxicities. *Folia Veterinaria* 59, 3: 153-158. www.uvlf.sk

186 Owoyemi, A. O., **OYEYEMI, M. O.,** Adeyemo, O. K and Aina, O. O. (**2015**). Reproductive Potential of male Catfish Treated with Gel Extract of Aloe Vera plant. *Nigerian Veterinary Journal*. 36 (4): 1337-1346.

187 Ajadi T. A. and **M. O. OYEYEMI** (**2015**). Short-term effects of a single dose of gonadotrophin releasing hormone (GnRh) vaccine on testicular and ejaculate characteristics of dogs.*Bulgarian Journal of Veterinary Medicine*, 18(2): 123–131. ISSN 1311-1477; DOI: 10.15547/bjvm.809

188 Bukola Ekanade, Olayinka Ayotunde Oridupa and **MATTHEW OLUGBENGA OYEYEMI (2015):** Assessment of the safety of aqueous extract of Aloe vera on haematology of Wistar rats. African Journal of Biotechnology Vol. 14(30), pp. 2395-2399, 29 July 2015.

189 Moyinoluwa J. Olusoji, **M. O. OYEYEMI,** E. R. Asenuga, T. O. Omobowale, O. L. Ajayi and A. A. Oyagbemi (**2016**). Protective effect of Gallic acid on

doxorubicin-induced testicular and epididymal toxicity. *Andrologia xx 1-10. Accepted 11 April 2016.* DOI: 10;1111/and 12635

190 AA Oloye, OE Ola-Davies, OL Ajayi, **MO OYEYEMI**, SA Olurode & BO Emikpe (**2017**). Spermiogram and testicular morphological studies of the buck after treatment with ethanol leaf extract of *Spondias mombin.* *Sokoto Journal of Veterinary Medicine:* 15 No. 1; 72-76,

191 Ajani, OS; Suliat Y. Adeleke and **M.O. OYEYEMI (2017).** Fertility potential of Male albino rats (Wistar Strain) treated with Penicillin-Streptomycin combination. Tropical Veterinarian Vol 35, No. 1, 21-30

192 Beatrice O. Okusanya, Oluwaseun O. Esan and **MATTHEW O. OYEYEMI(2017**). Haematology, testosterone profile and Spermiogram of Nigerian indigenous domestic Mallard drakes (Anas platyhynchos) raised in Ibadan. Tropical Veterinarian 35 (2) 72-83

193 Oloye, AA; OE Ola-Davies and **MO OYEYEMI (2017).** Haemogram and hormonal profile of WAD bucks treated with leaf ethanolic extract of *Spondias mombin*. *Sokoto Journal of Veterinary Medicine: 15 No. 1:72-76*

194 Oghi, M. M.; Ajani O. S and **OYEYEMI M. O.** (**2017**). The age at puberty of the Nigerian Local Dogs in Ibadan, Southwest Nigeria. Nigerian Veterinary Journal Vol 38 (1) 26-35.

195 **OYEYEMI, M.O.,** Olusoji J. Moyinoluwa (**2018**). Semen Characteristics, morphology and testicular parameters of Uda (*Ovis aries*) in Ibadan, Nigeria. Journal of Veterinary Medicine and Animal Health Vol.10(3):72-77 www.academicjournals.org/JVMAH

196 Samuel Gbadebo Olukole, Samuel Olumide Ajani; Eunice Olufunke Ola-Davies; Damilare Olaniyi Lanipekun; Oluwasanmi Olayinka Aina; **MATTHEW OLUGBENGA OYEYEMI**; Bankole Olusiji Oke (**2018**). Melatonin ameliorates bisphenol A-induced perturbations of the prostate gland of adult Wistar rats. Biomedicine and Pharmacotherapy 105 (2018) 73-82. www.elsevier.com/locate/biopha

197 Akhuetie, J. O., **OYEYEMI, M. O.,** and Oloye A. A (**2018**). Studies on Crude Powder and Ethanolic Extract of *Citrullus lanatus* Seeds: Phytochemical Analysis, Effects on haemogram and some reproductive Characteristics of Male Albino Rats. Nigerian Veterinary Journal Vol. 39 No. 2: 133-142.

198 Olukole SG, Onwuama KT, **OYEYEMI MO** and Oke BO (**2018**). Gonadal and extragonadal sperm reserves in the African Sideneck Turtle *Pelusios castaneus*. *Savannah Veterinary Journal 1; 1-4*

199 Babajide O. Ajayi, Isaac A. Adedara, Olumide S. Ajani, **MATTHEW O. OYEYEMI**and Ebenezer O. Farombi (**2018**). [6]-Gingerol modulates Spermatotoxicity associated with ulcerative colitis and benzo[*a*] pyrene exposure

in BALB/c mice. *Journal of basic clinical physiology and pharmacology 29(3)* 247-256.

200 Ajadi, T. A.and **OYEYEMI, M. O. (2018).** Dog castration records in Veterinary Teaching Hospital, FUNAAB Journal of Natural Science, Engineering and Technology. 2018, 17(1&2): 67-74

193. Ikokide EJ, Ishmael FJ, Adamu HB, **OYEYEMI, M. O. (2019)**. Comparative effects of methanol and oil extracts of *Ocimum gratissimum* on testicular morphology and epididymal sperm reserve of adult male albino rats (Wistar strain). *Toxicology Reports 6:1127-1134 www.elsevier.com/locate/toxrep.*

194. Oloye AA, Omitoogun BA, Ajadi RA, Ola-Davies OE, and **OYEYEMI MO. (2019).** Comparative survivability and fertility potentials of ovine spermatozoa stored in egg yolk citrate and mixed vegetable extenders at room temperature *Bulletin Animal Health and Production Africa 67: 27-36*

195. Olatunji-Akioye, Adenike Olusola, Olawoyin, Christiana Mayokun and OYEYEMI M. O. (**2019)**. Incidence and consequence of surgical removal of gastric foreign bodies in West African dwarf goats in Ibadan. *Animal Research International 16(3): 3478-3483.*

196. Dike D.N., Ajala T.O., Odeku O.A., Afolabi J.M., Oyagbemi A.A. and **OYEYEMI M.O. (2020).** The Pharmaceutical Properties, Microbial Quality, In-vivo Aphrodisiac Effect and Safety of Some Herbal Bitters Sold in Southwest Nigeria. *African Journal of Biomedical Research Vol. 23 (January, 2020); 155- 164,www.ajbrui.org*

197. Ademola Adetokunbo Oyagbemi| Foluso Bolawaye Bolaji-Alabi |Temitayo Olabisi Ajibade1 Olumuyiwa Abiola Adejumobi;| Olumide Samuel Ajani |Theophilus Aghogho Jarikre | Temidayo Olutayo Omobowale |Olufunke Eunice Ola-Davies | Kehinde Olugboyega Soetan | Abimbola Obemisola Aro | Benjamin Obukowho Emikpe | Adebowale Benard Saba | Adeolu Alex Adedapo |**MATTHEW OLUGBENGA OYEYEMI** | Sanah Malomile Nkadimeng |Prudence Ngalula Kayoka-Kabongo | Lyndy Joy McGaw |Oluwafemi Omoniyi Oguntibeju| Momoh Audu Yakubu (**2020)**. Novel antihypertensive action of rutin is mediated via inhibition of angiotensin converting enzyme/mineralocorticoid receptor/ angiotensin 2 type 1 receptor (ATR1) signalling pathways in uninephrectomized hypertensive rats. *Journal of Food Biochemistry DOI: 10.1111/jfbc 13534*

198. **OYEYEMI, M. O**., Adedeji, V. B. and Bankole, A. M (**2020)**. The effects of crude extract of *Amaranthus hybridus (000059604)* on reproductive parameters of the male Wistar rats.*Nigerian Journal of Animal Production. 2020, 47(4):44 – 57.*

199. Ajani, O.S; **OYEYEMI M. O.**& Olukowi M. O. (**2020**). Fertility effects of Anacardium occidentale (Cashew leaves) in the West African dwarf bucks. Nigerian Veterinary Journal Vol 31 (4) 331-342.

200. **OYEYEMI M. O.,** Sito Modupe and Ajani O.S. (**2021**). Comparative effects of Methanol and Aqueous Extracts of *Corchorus olitorius* plants on Haematology and some reproductive indices of male Albino rats. *Nigerian Journal of Physiological Sciences 36(2): 227-236*

201. Agbugba, L. C., Woods, L. R. M., Uguomore, F. I., Ige, A. O., Uruakpa, G. O., Sodeinde, I. M., Shittu, A., Oladipupo, A. A., Ajani, O. S., Ajala, O.O. and **OYEYEMI, M. O**. (2021). The external genital conformation of a 4-month-old German shepherd intersex dog: a case report. Tropical Veterinarian. Vol. 39. No. 3: 41-47. (Nigeria).

202. Oni A. A., **OYEYEMI M. O.** and Atawalna J. (**2021).** Histomorphometry of the Testes, Epididymides and Spermatozoa of Four Indigenous Breeds of Bulls in Ibadan. *Open Journal of Veterinary* Medicine 11(9): 299-306.

203. Ajani, O.S.; Olukole, S.G. and **OYEYEMI, M. O. (2021).** Melatonin averts BPA-induced perturbations of the epididymis of Wistar rats. Tropical Veterinarian 39(1) 14-26
204. **OYEYEMI MATTHEW OLUGBENGA** and Ajuwon Titilayo Comfort (**2021**). Gonadosomatic index, Epididymal Mass Index and Haematology of Male Wistar rats treated with Carrot juice. Tropical Veterinarian 39 (1): 27-39

205. Ademola Adetokunbo Oyagbemi; Olumuyiwa Abiola Adejumobi; Theophilus Aghogho Jarikre; Olumide Samuel Ajani; Ebunoluwa Racheal Asenuga; Idayat Titilayo Gbadamosi; Aduragbenro Deborah A. Adedapo; Abimbola Obemisola Aro; Blessing Seun Ogunpolu; Fasilat Oluwakemi Hassan; Olufunke Olubunmi Falayi; Iyanuoluwa Omolola Ogunmiluyi; Temidayo Olutayo Omobowale; Oluwatosin Adetola Arojojoye; Olufunke Eunice Ola-Davies; Adebowale Benard Saba; Adeolu Alex Adedapo; Benjamin Obukowho Emikpe; **MATTHEW OLUGBENGA OYEYEMI**; Sanah Malomile Nkadimeng; Lyndy Joy McGaw; Prudence Ngalula Kayoka-Kabongo; Oluwafemi Omoniyi Oguntibeju; Momoh Audu Yakubu **(2022)** Clofibrate, a Peroxisome Proliferator–Activated Receptor-Alpha (PPARα) Agonist, and Its Molecular Mechanisms of Action against Sodium Fluoride–Induced Toxicity. *Biological Trace Element Research* (200): 1220-1236

206. Bolaji-Alabi, Foluso Bolawaye; Ajani, Olumide Samuel; Yusuf, Abdulganiyu and **OYEYEMI, MATTHEW OLUGBENGA (2022)**. Dystocia in a ten-month-old West African dwarf goat sequelae to faculty breeding practice *Animal Research Internationa*l 19 (1): 4377-4381

207. Ajani, O.S; **OYEYEMI M. O**. & Wahab A. T. (**2022**). Crassocephalum crepidioides improves semen quality and gonadometric indices in the West African dwarf bucks. *Nigerian Journal of Animal Production 49(1): 60-66*

208. **OYEYEMI MATTHEW OLUGBENGA,** Amoo Oluwapelumi Adebanke & Agbugba Linda Chinyere (**2022**) Oestrus Synchronization in West African Dwarf Goat: Effect of Prostaglandin Synchronized Oestrus on In-Vitro Cervical Mucus Sperm Characteristics. Acta Scientific Veterinary Sciences Volume 4 (8): 4-10. DOI: 10.31080/ASVS.2022.04.0456

209. Beatrice Oluwasayo Okusanya, Samuel Gbadebo Olukole & **MATTHEW OLUGBENGA OYEYEMI (2022).** The protective effects of Vitamin C on BPA-induced alterations on the serum biochemical and haematological profiles of the adult male Japanese Quail, pg 20. First Prof. Bankole Olusiji Oke Memorial Conference and Colloqium 9-10 August 2022.

210. Oloye, AA, Amusan MA, Olurode SA, MustaphaL, Awoyomi OJ, Adetomiwa AS, Bassahwa AP, Ola-Davies OE and **OYEYEMI MO (2022).** The use of mango and carrot juices extended semen for artificial insemination in Ewes. pg 44. First Prof. Bankole Olusiji Oke Memorial Conference and Colloqium 9-10 August 2022.

211. Emmanuel Joseph Ikokide, Oyagbemi **MATTHEW OLUGBENGA OYEYEMI** (2022). Impacts of cadmium on male fertility: Lessons learnt so far. Andrologia First published: 28 June 2022 **https://doi.org/10.1111/and.14516**

212. Mustapha Olamide Oluwayemisi, Fatola Olanrewaju, Ola-Davies Olufunke, Ajayi Olusola Lawrence, and **OYEYEMI MATTHEW (2023)** Ethanol extract of aloe vera ameliorates Artemether-Lumefantrine-induced reproductive toxicity in adult male Albino rats (Wistar Strain)_Environmental Analysis Health and Toxicology 2023, 38(4):e2023025, Article ID: e2023025, 11 pages. https://doi.org/10.5620/eaht.2023025

213. **OYEYEMI, M. O.** and Deborah Damilola Akinbode **(2023).** Semen characteristics and testicular morphology of male Albino rats treated with aqueous and methanol leaf extracts of *Newbouldia laevis.* Centre For Plant Medicine Research 2nd Oku Ampofo Memorial Conference. Theme: Herbal Medicine Research: a Panacea for Economic Transformation Date: 7-10 November 2023

214. Joy Gbadegoye, **MATTHEW OYEYEMI**, Olumuyiwa Adejumobi & Olumide Samuel Ajani (**2023**). Effect of Persea americana leaf extract (PALE) on male reproduction, May 2023 Physiology 38(S1) DOI: 10.1152/physiol.. 2023.38.S1.5732835

215. Ajani O.S; Olukole, S. G. and **OYEYEMI M. O. (2023).** Melatonin averts BPA-induced perturbation of the epididymis of Wistar rats. *Tropical Veterinarian* 41 (2) 1-14

216. Olumide P. M.; O.O. Leigh and **M. O. OYEYEMI (2023).** Low dose cucumber juice improved spwermatozoa motility of Albino rats in the short term only. *Tropical Veterinarian* 41(2): 67-73.

217. Odunayo Ibraheem Azeez, Ademola Adetokunbo Oyagbemi, Kehinde Olugboyega Soetan, M. O. Ojuri, Funsho Olakitike Olayemi, Matthew Olugbenga Oyeyemi **(2023)** , Tropical Veterinarian: Vol. 41 No. 2 (2023)

218. Ajani O. S., Olaogun S. C., Onoja, M.J, Bolaji, O. F., Ajala, O. O. and **OYEYEMI, M. O**. (**2024**) Dystocia With Multiple Complications in a White Fulani cow. Animal Research International 21(2): 5578 – 5585

219. Adejumobi O. A., Ajani O.S., Faturoti J.T., Adewoyin A.G., Ajani T.F., Esan O.O., Oyagbemi A.A., Omobowale T.O., Adedapo A.A., Ohore O.G., **OYEYEMI M.O.**, Ashafa T.O.A., Yakubu M.A. **(2024)**. Modulatory effect of ethanol root extract of Sarcocephalus latifolius on the Fertility of hypertensive Wistar rats induced by Nw-Nitro-L-Arginine Methyl Ester.Niger. J. Physiol. Sci. 39 (December 2024): 305–311. www.njps.physiological society.Full-length Research Article.

220. Ikokide Emmanuel Joseph Ademola Adetokunbo Oyagbemi, Jaja Ishmael Festus, Temitayo Olabisi Ajibade, Emmanuel Egwu Ewa, and **MATHEW OLUGBENGA OYEYEMI (2025).** The Role of Steroidogenic Expression, Apoptotic, and Inflammatory Mediators in Polyphenol-Rich Extract of Ocimum gratissimum Mitigation of Cadmium-Induced Reprotoxicity in Male Rats. Veterinary Medicine International, Article ID 9165137, 23 pages https://doi.org/10.1155/vmi/9165137 Research Article.

221. Osunkoya, D., Agbugba, L. C., Bolaji, O. F., Ajala, O. O. and **OYEYEMI, M. O. (2025).** Post-parturient uterine prolapse in a Yankassa ewe presented to the Veterinary Teaching Hospital, University of Ibadan, Ibadan. Tropical Veterinarian 43 (1) Pages 59 – 64, 2025.

222. Taiwo Ayodeji Olusegun, OSUNKOYA, Dideolu, AJANI, Olumide Samuel, AJAYI, Tolulope Adeoye and **OYEYEMI, MATTHEW OLUGBENGA (2025).** Mammary Gland Adenocarcinoma in an Adult Dogo Argentino Bitch: A Case Study. Animal Research International (2025) 22(1): 5931 – 5938 5931 ISSN: 1597 – 3115 ARI 2025 www.zoo-unn.org.

223. Ikokide Emmanuel Joseph · Jaja Ishmael Festus· Temitayo Olabisi Ajibade Ademola Adetokunbo Oyagbemi · Mathew Olugbenga Oyeyemi. **(2025)**. The Complicity of DAAM1, PTMA, RSPH6A, and Steroidogenic Genes in the Fertility of Male Rats Exposed to Cadmium During Gestation and Lactation: Attenuation by PREOG. Reproductive Sciences https://doi.org/10.1007/s43032-025-01902-x reproductive biology: original article

224. Ajani, OS, Olukole, SG, Oyeyemi, MO. and Samuel ES. **(2025):** Melatonin protects rats against bisphenol A-induced testicular dysfunction through the upregulation of α-smooth muscle actin, vimentin, and S-100 proteins. Cluj Veterinary Journal 30 (2), 9-25

225. Joseph Emmanuel Ikokide, Festus Ishmael Jaja, Temitayo Olabisi Ajibade, Ademola Adetokunbo Oyagbemi and **Mathew Olugbenga Oyeyemi**. **(2025).** Phytochemical analysis of polyphenol-rich extract of Ocimum gratissimum leaves by GC-MS, TFC, TPC, TTC, and in vitro antioxidant properties. Discover Molecules (2025) 2:24 https://doi.org/10.1007/s44345-025-00030-y

226. Onoja, MJ, Ugo-Ukegbu, UC, Igado, OO, Oyagbemi, AA, Ompbowale, TO, and **OYEYEMI, MO. (2025).** Protective effect of naringin on bisphenol-S induced testicular and Epididymal toxicity in male albino rats. Presented at 9th International Confe rence of the Society of Medicinal Plants and Economic Development (SOMPED), Kopanong Hotel, Johannesburg, South Africa, 26-28 August 2025

227. Olukowi M. O. and **OYEYEMI, M. O. (2025).** The comparative study of aqueous and methanolic seed extracts of *Irvingia gabonensis* on reproductive parameters of male Wisatar albino rats. Biomedical and Biopharmaceutical Research 22(1): 1-15 https://doi.org/10.19277/bbr.22.2.363

228. Olawale Olawumi Ola, Theophilus Aghogho Jarikre, Monsuru Oladunjoye Tijani, Olanrewaju Samuel Olaifa, Usman Abdulrauf Adekunle, Obokparo Godspower Ohore, Olugbenga Olayinka Alaka, Linda Chinyere Omosekeji, Moyinoluwa Julianah Onoja, Oluwadarasimi Faith Bolaji, **MATTHEW OLUGBENGA OYEYEMI**, Olusegun Adesina Fagbohun, Oghenemega David Eyarefe. (2025). Concurrent cutaneous papilloma and vaginal fibroepithelial polyp in an adult female dog. Ovozoa 14 No. 3, December 2025 Case report p-ISSN 2302-6464 e-ISSN 2722-967X Available at https://e-journal.unair.ac.id/OVZ/index. DOI: 10.20473/ovz.v14i3.2025.171-178

229. OMOSEKEJI, Linda Chinyere, OGUNBUNMI, Temitope Kehinde, OVIAWE, Lucky Osayomwanbor, EKEOLU, Oyetunde Kazeem, OLURODE, Sikiru Adetona, OKUNOWO, Oluwabukola Oladunni, ONOJA, Moyinoluwa Julianah, OYETAYO, Noah Segun, OGUNTOYE, Cecilia Omowumi, AJALA, Oluwatoyin Olusola, **OYEYEMI, MATTHEW OLUGBENGA** and EYAREFE Oghenemega David (**2025**) FOETAL MACERATION IN A 13-MONTH-OLD PRIMIGRAVIDA BITCH: A CASE STUDY *Animal Research International* (2025) 22(3): 6722 – 6729 ISSN: 1597 – 3115 ARI 2025 22(3): 6722 – 6729 www.zoo-unn.org

230. Noah Segun Oyetayo, Babatola Olayinka Fabiyi, Moyinoluwa Julianah Onoja, Olumide Odunayo Akinniyi, Oluwaseun Olanrewaju Esan, Olalekan Taiwo Jeremiah, Oghenemega David Eyarefe, and **MATTHEW OLUGBENGA OYEYEMI** (**2025)** Delayed Presentation and Emergency Caesarean Section in a Domestic Shorthair Queen with Prolonged Dystocia: a case report. SVU-International Journal of Veterinary Sciences 8 (4), 13-22. Online ISSN: 2535-1877.

231. Bolaji-Alabi, Foluso Bolawaye, Fabiyi, Babatola Olayinka, Osunkoya, Dideolu, Obafemi Oluropo Michael, Shakirat Omolara and **OYEYEMI MATTHEW OLUGBENGA (2026**) Cesarean section following prolonged dystocia and vaginal prolapse in a two-year-old Ouda Ewe: A case Report. Animal Research International 23(2): 7017-7021

232. Onoja, M. J., Olugbenga D. T., Jemilehin, F. O., Amosun, E.A., Iyanda, A., **OYEYEMI M. O**. (**2026)** Vaginal Bacterial Isolates and Antimicrobial Susceptibility in Apparently Healthy and Genital Tract-Infected Bitches across Oestrous Cycle Stages at University of Ibadan Veterinary Teaching Hospital, Nigeria. Journal of Research in Veterinary Sciences, Vol. 6, No. 3: 198-205 (Belgium)

233. AJANI, Olumide Samuel, OBUDU, Christopher Eze, **OYEYEMI, Matthew Olugbenga**, AJALA, Oluwatoyin Oluwasola, OLADIPUPO, Amos Ayodele, OMOSEKEJI, Linda Chinyere, OBAFEMI, Oluropo Michael, ONOJA, Moyinoluwa Julianah, OSUNKOYA, Dideolu, and OLOJO, Oluwasegun David. (2026) REPRODUCTIVE DISEASES OF ZOONOTIC IMPORTANCE. Animal Research International (2026) 23(3): 7395 – 7421

xi. Major CONFERENCES Attended Papers Read.

1. 40th Annual National Congress of Nigerian Veterinary Medical Association (**NVMA**)-Ibadan-2003, Nigeria. 13 – 17th October **2003**. **Paper Read:** Monitoring of sarcoptic mange infestation and treatment in confined goats at the teaching and research farm, University of Ibadan (1993 – 1995).

2. 41st Annual National Congress of Nigerian Veterinary Medical Association (**NVMA**)-Jos, Nigeria. 22nd -26th November **2004**: Veterinary Research and Vaccine Production in Nigeria.

3. 42nd Annual National Congress of Nigerian Veterinary Medical Association (**NVMA**)-Maiduguri, 14th -18th November **2005**: National Food Security: Current Challenges for the Veterinarian.

4. 44th Annual National Congress of Nigerian Veterinary Medical Association (**NVMA**)-Delta Mon. 22nd –Fri. 26th October **2007**. The Veterinarian and the Challenges of the Environment.
   Paper read: The Spermiogram of male Wistar Rats treated with aqueous leaf extract of *Vernonia amygdalina. I*SSN 0331-3026

5. First Unibadan Conference of Biomedical Research: Biotechnology for health and development. August 26-29th, **2008** **Paper Read:** Evaluation of some toxic effects of *Cnestis ferruginea* (de Candolle) Root extract in male rats.

6. Andrology Section of the Czech Urological Society. 2nd Czech and International Congress of Andrology, **Chateau Stirin** May 3-5, **2007**. Paper Read: Lipid Peroxidation Antioxidant enzymes activities in Testis & Spermato-toxicity of rats during short term exposure to Atrazine.

7. World Conference on Medicine and Aromatic plant (WOCMAP IV) Cape Town International Conference Center 9-14th Nov. 2008. **Paper Read:** Evaluation of

the reproductive effects of *Cnestis ferruginea* (de candolle) root extract in Male Rats.

8. Staff Training and Research Capacity Building Sub-Committee of the Mac-Arthur Foundation Grant Implementation Committee University of Ibadan. Theme: Information, Communication and Training in Teaching, Research and Administration. February 23-27, 2009.

9. Staff Training and Research Capacity Building Sub-Committee of the MacArthur Foundation Grant Implementation Committee University of Ibadan. Theme: Advanced ICT Techniques. March 23-27, 2009

10. Veterinary Council of Nigeria Professional Continuing Education Seminal. Theme: The Veterinarian and Disease Information System in the 21st Century held on 5th August 2009. Benin City, Nigeria.

11. Annual Conference of Nigerian Veterinary Medical Association, Oyo State Branch. Theme: EMERGING DISEASES- THE WAY OUT held on 18th August 2009 @College of Animal Health and Production, IIAR&T Moor Plantation Ibadan, Nigeria.

12. Christian Veterinarian Nigeria (CVN) 7th Annual Conference and Continuing Education. Held on 27-28 August 2009 **@** Centre for Management and Development, Ojota, Lagos.

13. SO. Abarikwu, A. Adesiyan, T. Oyelola; **M.O. OYEYEMI**, and EO, Farombi. Fertility and Sterility Conference **March 2009**. Vol. 91 Issue 3 Page S21.

14. The 3rd Czech and International Andrologicky Congress **13-15 June 2008**. Testicular Oxidant spermatogenic and injury induced by Antrazine in an experimental Rat model. Abarikwu, SO; Farombi, EO; **OYEYEMI, M.O**.

15. The 13th East, Central &Southern Africa Commonwealth Veterinary Association Regional Meeting and International Scientific Conference Kampala, Uganda. Theme: Convergence of Veterinary Science, Public Health and Trade for Sustainable, Livelihood in Sub-Sahara Africa. 8th -13th November **2009**. **Paper Read: Reproductive potential of Wistar Rats treated with Aloe vera Gel Extract.**

16. Nigerian Society for Animal Production .35th Annual Conference. March 14-17, 2010; pg. 268-271. Olukole S.G., **OYEYEMI, M. O.** and Oke B. O. (**2010**). Gross Anatomy of male reproductive organs of the Domesticated Grasscutter. (*Thyonomys swinderianus.* Temminck).

17. Nigerian Society for Animal Production 35th Annual Conference. March 14-17, 2010. Pg.169-171. Adeniji, D.A; **OYEYEMI, M. O.** and Fagebo, C.O. (**2010**). Semen Characteristics of West African dwarf Rams treated with Clomiphene citrate. Proceeding of

18. The 5th Pan Commonwealth Veterinary Conference 21-25 March **2011** Accra Ghana. Theme: The Role of Veterinarians and livestock farmers in food security and poverty alleviation. **Paper:** The reproduction potential of male catfish treated with gel extract of aloe vera plant.

19. 48th Nigerian VeterinaryMedical Association Congress, 21-25 November 2011 **Nigeria.**
OYEYEMI, M. O., Fayomi, A. P., I. M. Akanbi and Moyinoluwa J. Olusoji (**2011**). Comparative gonadosomatic index of some Small Ruminants in the humid tropics of Ibadan, Nigeria.

20. 48th Nigerian Veterinary Medical Association Congress. 21-25 November 2011**Nigeria.**
Fayomi, A. P. Sperm competition in the small ruminants in Nigeria. (**2011**)

21. 48th Nigerian Veterinary Medical Association Congress. 21-25 November 2011, **Nigeria.** Olukole, S. G., **OYEYEMI, M. O. and** B. O. Oke (**2011**). Gross anatomy of the male reproductive organs of the African Sideneck turtle (*Pelusios sinuatus*).
22. Oloye, A.A., **OYEYEMI, M. O.,** Olurode S. K., Olaniyi, M. O. and Innamah O. A. (**2011**). Effect of *Spondias mombin* on the testicular characteristics and neonatal birth weight after-treatment of the male and female Wistar rats with graded dosages of the leaves' aqueous extract. Proceedings of the 48th Nigerian Veterinary Medical Association Congress. 21-25 November 2011, **Nigeria.**

23. Olukole, SG; Okusanya, BO; Agbato, OA; Kekere, AD, **OYEYEMI, M.O;** Oke, B. O.(**2012**). Preliminary investigations on the Shell Morphology of the African Sideneck Turtle (*Pelusios sinuatus*) Proceedings of the 49th Nigerian Veterinary Medical Association Congress. Ekiti 2012 November 5-9 2012.

24. **OYEYEMI, M.O;** Esan, O. Esan O. Oluwayemisi and Oyerinde C. M. **(2012).** Effects of *Momordia charantia* on the serum chemistry and some reproductive parameters in the Wistar rats. Proceedings of the 49th Nigerian Veterinary Medical Association Congress. Ekiti 2012 November 5-9 2012.

25. **OYEYEMI, M.O** and Ajani OS (**2012**). Reproductive potentials of West African Dwarf ram treated with aqueous extract of *Cnidoscolus aconitifolius (*Chaya). Proceedings of the 49th Nigerian Veterinary Medical Association Congress. Ekiti 2012 November 5-9 2012.

26. **OYEYEMI, MO**; Ekanade, O. Adetoun and Otarigho AB. (**2012**). The effects of Artesunate and Chloroquine on reproductive potential of the female Wistar rats. Proceedings of the 49th Nigerian Veterinary Medical Association Congress. Ekiti 2012 November 5-9 2012.

27. Olukole, S. G.; **OYEYEMI, M. O** and B. O. Oke (**2013**). Preliminary investigation on the pattern of spermatogenesis the African Sideneck turtle (*Pelusios castaneus*). Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.

28. Olukole, S. G.; **OYEYEMI, M. O** and B. O. Oke (**2013**). Gonadal and extragonadal sperm reserves of the African Sideneck Turtle (*Pelusios castaneus*). Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.

29. Adejumobi, O. A.; Olukole, S. G.; **OYEYEMI, M. O** and B. O. Oke (**2013).** Ketamine-induced Immobilization in the African Sideneck Turtle (*Pelusios castaneus*). Proceedings of 50 Annual Congress of the Nigerian Veterinary Medical Association, 11-16 November 2013.

30. **OYEYEMI, M. O.;** Ajani, O. S.; Ekanade O. Adetoun; Olusoji J. Moyinoluwa and Ogungbenro O. Itunu (**2013**). Scrotal circumference and semen characteristics of West Africa dwarf Bucks fed with soybean meal and concentrate supplementation. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013

31. **OYEYEMI, M. O.** and Adetoun O. Ekanade (**2013)**. Daily spermatozoa production and Extra-gonadal reserve in some Indigenous breeds of Bull in Nigeria. Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.

32. **OYEYEMI, M. O.** and Ajani, O. S. (**2013**). Spermatozoa morphology and characteristics of West African dwarf \rams treated with aqueous extract of Cnidoscolus aconitifolius (Chaya) Proceedings of 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.

33. **OYEYEMI, M. O.** and Ajani O. S. and Moyinoluwa J. Olusoji (**2013**). Reproductive parameters of red Sokoto bucks. 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013

34. **OYEYEMI, M. O.**; Ogungbenro O. Itunu and Olowojaiye A. E (**2013**). The Reproductive potential of female Catfish (Clarias gariepinus) treated with Finasteride and tocopherol.50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.

35. Ajala, O. Oluwatoyin; Ajani, O. S.; Obudu, C. E.; Leigh, O. O. and **OYEYEMI, M. O (2013).** Use of Oxytocin in the management of dystocia: the need for caution. 50th Annual Congress of the Nigerian Veterinary Medical Association, 11-16th November 2013.

36. Conference Proceeding of Society for Medicinal Plants for Economic Development (SOMPED) held in aha Kopanong Hotel and Conference Centre Johannesburg, South Africa, from 14-17 August 2016.

37. **OYEYEMI, M.O.** and Ayodeji Taiwo (**2016**). Haemogram, Spermatozoa Characteristics and Testicular Histology of Male Albino Rats Treated with ethanol extract of Cnidoscolus aconitifolius.

38. **OYEYEMI, M.O. (2016)**. Raising Small Ruminants for Profits. A seminar presented at the **2016** ECHO West Africa Forum: Ibadan, Nigeria (2016-04-12) www.echocommunity.org/en/resources/caf14dd2-59b6-4b98-9451-b3d333625c25

39. Alexander Humboldt International Conference, Humboldt Kolleg Osogbo- 2017 Theme: Translating Research Findings into Policy In Developing Countries from 24-27 February 2017 OYEYEMI**, M. O.** (2017). Keeping livestock for effective and efficient production: What are the impacts of science and research in Nigeria.

40. 2nd International Conference of Society for Medicinal Plants and Economic Development (SOMPED). Birchwood Hotel & OR Tambo Conference Centre, Johannesburg, South Africa 27-30 August 2017 **OYEYEMI, M. O. &**Comfort T. Ajuwon (**2017**) Semen characteristics and morphology of West African dwarf bucks treated with crude extract of *Ocimum gratissimum.*

41. ECHO West Africa Forum: Ibadan, Nigeria. Theme: ECHO Nigerian Sustainable Agriculture Forum. Ibadan Networking Forum 29 May – 1 June 2018 @ Scripture Union Conference Center, Opp. Old Airport, Oyo Road Samonda Ibadan, Nigeria **OYEYEMI, M.O. (2018)**. A seminar presented in **2018** title; Small Ruminants Production in Semi-Urban Settings.

42. **Travelling Grants by AU-IBAR to** attend Experts meeting on the Establishment and organization of the African Association of Veterinary Education Institutions (2A2E-V), 5-6 February 2018 Dakar Senegal

43. AU-IBAR Travelling Grants to attend the Experts meeting & General Assembly and launch of the African Association of Veterinary Education Establishments (2A2E-V), 23-27 July **2018** Cairo Egypt.

44. OYEYEMI**, M. O. &**Victoria Bukola Adedeji (**2018**) **T**he effect of crude extract of Amaranthus hybridus on the reproductive parameters of the male Wistar rats. 3nd International Conference of Society for Medicinal Plants and Economic Development (SOMPED). Birchwood Hotel & OR Tambo Conference Centre, Johannesburg, South Africa 26-30 August 2018

45. **OYEYEMI, MO** and Ikokide JE. (**2019).** Comparative effects of methanol and oil extracts of *Ocimum gratissimum* plant on testicular morphology and epididymal sperm reserve of adult Albino rats (Wistar strain). *4th International Conference of Society For Medicinal Plants and Economic Development (SOMPED)* Held at National Open University of Nigeria (Headquarters) Abuja Nigeria 26-29 August 2019.

46. **OYEYEMI, M. O. (2020)**. Information Management in Goal-oriented Organization. Chartered Institute of Information and Strategy Management. Abuja Nigeria. March 2020

47. Animal Care and Use Research Ethics Committee {ACUREC} **(2021):** Achieving Effectiveness, Efficiency, Integrity and Reliability in Animal-Based Research held on 28-29 June 2021 at Faculty of Veterinary Medicine, University of Ibadan, Nigeria

48. **OYEYEMI M. O. (2021).** Leadership for Strategic Management of an Organisation. Chartered Institute of Information and Strategy Management. Asaba Nigeria. June 12, **2021.**

49. Professional Continuing Education Courses of the Veterinary Council of Nigeria28-29 July **2021.**Theme: Optimizing Extant Opportunities in the Current Global Health Crises

50. **OYEYEMI, MO,** Modupe Sitoand Wahab Abiodun Temitayo (**2021).** Comparative effects of methanol and aqueous extracts of *Corchorus olitorius* plant on some reproductive indices of male albino rats (Wistar strain) 5^{th} *International Conference of Society for Medicinal Plants and Economic Development (SOMPED)* Hosted by Ghana branch of SOMPED Ghana 24-26 August **2021**.

51. Beatrice Oluwasayo Okusanya, Samuel Gbadebo Olukole & **MATTHEW OLUGBENGA OYEYEMI (2022).** The protective effects of Vitamin C on BPA-induced alterations on the serum biochemical and hematological profiles of the adult male Japanese Quail pg 20 First Prof. Bankole Olusiji Oke Memorial Onference and Colloqium 9-10 August 2022.

52. Oloye, AA, Amusan MA,Olurode SA, MustaphaL, Awoyomi OJ, Adetomiwa AS, Bassahwa AP, Ola-Davies OE &**OYEYEMI MO (2022).** The use of mango and carrot juices extendedsemen for artificial insemination in Ewes. pg 44. First Prof. Bankole Olusiji Oke Memorial Onference and Colloqium 9-10 August 2022.

53. **OYEYEMI M. O.** & Omigbodun A. O. (**2024):** Scientific Integrity**.** University of IbadanPostgraduate College and Consortium For Advanced Research Training in Africa (CARTA)Training of Trainers (ToT) Workshop for Supervisors of Doctoral Students, April 2-4, 2024

54. **OYEYEMI M. O.** & Arinpe A. Adejumo. (**2024): Psychology of Supervisors- Supervisee Relationship.** University of IbadanPostgraduate College and Consortium For Advanced Research Training in Africa (CARTA)Training of Trainers (ToT) Workshop for Supervisors of Doctoral Students, April 2-4, 2024

55. Nigerian Society for Animal Production Annual Conference: Theme: Improving Animal Agriculture for Sustainable Economic Development in Nigeria. 24-27 March **2024** Venue: Faculty of Veterinary Medicine, University of Ibadan.

56. Society for Animal Reproduction and Improvement: Theme: Animal Reproduction and Improvement in Retrospection: Towards Sustainable National Development. @7 March **2024**. Venue: First Bank Buiding University of Ibadan.

57. Onoja, MJ, Ugo-Ukegbu, UC, Igado,OO, Oyagbemi, AA, Ompbowale, TO, and **OYEYEMI, MO. (2025).** Protective effect of naringinon bisphenol-S induced testicular and Epididymal toxicity in male albino rats. Presented at 9th International Conference of the Society of Medicinal Plants and Economic Development (SOMPED) Kopanong Hotel Johannesburg, South Africa, 26-28 August 2025

XII CONTRIBUTION TO KNOWLEDGE AND SCHOLARSHIP

The research efforts culminating in the published papers had been toward providing answers to infertility problems thus increasing livestock production. The efforts are in the area of:

{i} Gynaecology

{ii} Andrology and Artificial Insemination

{iii} Obstetrics

{iv} Genetics, cross-breeding and other factors affecting reproductive performance.

(i) Gynaecology.

Clinical investigations of diseases in female animals and diseases of the female genitalia (Gynaecology) were reported for Leptospirosis and Brucellosis. It was shown that these diseases not only cause abortion in animals but are also zoonotic. They are found to be the etiological factors in low reproductive potential in a herd of cattle or small ruminants. The double cervix, vaginal hyperplasia, and uterine torsion were reported to be factors in infertility and dystocia in animals. Such studies are important in the elimination of diseases/factors that would otherwise affect the reproductive ability of animals. These findings have been published in both local and international journals.

(ii) Andrology and Artificial inseminations

Evaluation of male fertility always involves evaluation of sperm motility, percentage livability, and these are very important factors in selecting a male for breeding. The published papers identified various factors that can lower male reproductive potential such as frequency of use, which affects sperm concentrations; other factors are starvation, temperature and vasectomy, which is a form of surgical contraception. Compensatory hypertrophy was reported in the study on hemi-orchidectomy. This helps to understand that animals with one testicle can still be used for breeding and the effects of bilateral orchidectomy on the haematology, serum enzyme and protein were evaluated. In artificial insemination, the quality and quantity of semen are important. The spermatozoa characteristics may be good but if there are high morphological abnormalities it may lead to incapacity to fertilize (*impotentia generandi*) as reported in some papers. Effects of fertility drugs, other drugs, plants and plant extracts have been studied to ascertain their specific roles on male fertility and the effects of drugs on spermatozoa

The effects of different ages on the testicular parameters were studied. I have reported my finding on how semen extenders can be constituted with locally available

constituents with good post extension semen quality. This is a solution to the non-availability of foreign extenders due to import duties and storage facilities. Epididymal transit was studied in various species which are eye-openers to the collection site for semen storage and artificial insemination. Effects of soymeal were also studied as a protein source on the spermiogram in the males. These findings have been published in both local and international journals.

(iii) Obstetrics

This is the branch of theriogenology dealing with pregnancy childbirth, parturition and assistance in delivery was one of my focuses in research. Most of the obstetrical problems are due to inadequate feeds and improper feeding.

In goats, inadequate feeds and feeding at the second trimester will lead to abortion and kids less than 1.0kg at birth may not survive. The effect of feeds supplementation on weight changes, liver enzymes and some minerals in adult West African dwarf does was carried out. Some studies reported the effect of anatomical, congenital, nutrition and other defects on pregnancy resulting in the double cervix, vaginal hyperplasia and uterine torsion which is important in carrying a pregnancy to term and delivery.

The research focus was also directed at investigating the effect of nutrition on reproductive performance and mortality of the offspring, which is necessary to enhance population dynamics. My research efforts were made to determine the cost/ benefit ratio of producing small ruminants at different planes of nutrition in the humid tropics of Nigeria. These studies provide an answer to the problem of knowing adequate feed to be given to an animal during breeding, and gestation period. My research also focused on the importance of small ruminant husbandry that will ensure food security in Nigeria**.** These findings have been published in both local and international journals.

(IV). GENETICS, CROSS-BREEDING AND OTHER FACTORS AFFECTING REPRODUCTIVE PERFORMANCE

Reproductive efficiency and better kid performance through genetics and crossbreeding were reported. The study reported adaptations of Red Sokoto goats (RSG) to the humid tropical environment of Ibadan and crossing the RSG buck with West African dwarf does with kids that were trypanotolerant, good milk and meat producers. The importance of feed supplements and blood parameters was also reported. It was also reported in the research how to handle the major infections and viral agents in small ruminants. The result of this will enhance population dynamics and help small ruminants' farmers to breed without fear of losing the goats and sheep. Effects of feeds and determination of basic haematological values of Alsatian and Nigerian local dogs for research in the field of theriogenology were reported. These findings have been published in both local and international journals.

PROFESSIONAL AND RESEARCH FOCUS

I have concentrated my research activities on theriogenology. This involves Gynecology, Obstetrics, genital disease and andrological studies. Also included are

mastitis and udder health management, neonatal care and factors that can enhance reproductive efficiency.

It is a well-established fact that animal protein in the third world, including Nigeria, is below the minimum requirement as recommended by the World Health Organization (WHO). One of the major reasons for culling and low reproductive performance in the livestock industry is infertility, which may be of nutritional origin, infectious agents, poor management and andrological disorder.

My research focus has therefore been directed at establishing some baseline information on causes of reproductive failure, a knowledge that is required for appropriate interventions for the enhancement of the reproductive performance of domestic animals.

More efforts were put into the clinical investigation of the male infertility problem. Existing reports are mostly on female infertility while there is a dearth of information on their male counterpart. These areas of clinical andrology and factors affecting spermiogram coupled with my reports on genital configuration/abnormality of the females have been a source of concern in the last two decades because of their importance in finding solutions to the andrological problems in animals. These researches coupled with my reports on causes of female infertility could be a source of solution to food security and improved reproductive potential of domestic ruminants.



MATTHEW OLUGBENGA OYEYEMI

DVM (1990), MVPH (1992), PhD (2002), MCVSN (2004), FCVSN (2013) FCIISM (2019)

+2348038059952 & +2348023255598 http://www.vet.ui.edu.ng/mooyeyemi
oluoyeyemi03@yahoo.com, mo.oyeyemi@mail.ui.edu.ng, momattyemi@gmail.com, momattyemi@yahoo.com.

REFEREES
Professor Funso Olakitike Olayemi
Department of Physiology & Biochemistry
Faculty of Veterinary Medicine
University of Ibadan, Nigeria
GSM No: 08034710114E-mail: funso_olayemi@yahoo.com

Dr Adebayo Asolo
22 Princes RoadGravesend, Kent. DA12 5JH
Drasolo2003@yahoo.com+447944114116

Professor Benjamin O. Emikpe
Dean,
Faculty of Veterinary Medicine
Kwame Nkrumah University of Science and Technology
Kumasi, Ghana
GSM No: 08066486080 **E-Mail: banabis2001@yahoo.com**