

Name:Ajayi Olusola Lawrence

Status: Reader

Abridged Profile

My research interest, as an anatomic pathologist, over the years covers a broad range of both infectious and non-infectious diseases.

My major research focus has been on renal pathology of leptospirosis in domestic animals. I have been able to investigate the source, aetiology and pathogenesis of renal failure in domestic animals due to leptospirosis. Various pathogenic leptospira serovars have been identified as the aetiology of renal failure in pig, dog, city rats, cattle and some captive wildlife and the zoonotic implications of the organism have been emphasized.

I have also been involved in the investigation of avian diseases in which many nutritional and infectious diseases have been investigated and published.

During my research activities, I have used histopathology as a diagnostic tool to evaluate and examine organs of different laboratory animal models which play a key role in evaluating therapeutic strategies and to identify potential promising plant extracts to treat or prevent various diseases in domestic animals and in humans.

I have also participated in various collaborative research in the field of toxicological pathology. This consists of a combination of knowledge and practical skills used to study the responses of cells, organs, and organisms to various toxic materials.

Over the years, the diseases of Catfish (*Clarias gariepinus*) have remained uninvestigated and unknown. In the course of my research activities, I have investigated pond level diseases of Catfish such as arborescent organ necrosis, jaundice syndrome, psuedomoniasis and Vibrosis and neoplastic conditions such as fibrosarcoma, hepatic cholangiocarcinoma, hepatocellular carcinoma and papilloma.

This mini-review of my research activities has shown diverse contributions that anatomic pathologists can make to the global scientific endeavour and specifically to the growth and evolution of veterinary pathology in the 21st century.

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CURRICULUM VITAE

01. PERSONAL

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|------|-----------------|--------------------------|
| i) | Name: | AJAYI Olusola Lawrence |
| ii) | Date of Birth: | December 24, 1968 |
| iii) | Place of Birth: | Igede-Ekiti, Ekiti State |
| iv) | Age: | 52 years |

- v) Sex: Male
- vi) Marital Status: Married
- vii) Nationality: Nigeria
- viii) Town and State of Origin: Igede-Ekiti & Ekiti State
- ix) Contact Address: Department of Veterinary Pathology, Federal University of Agriculture Abeokuta, Abeokuta Ogun State, Nigeria.
- x) Phone Number: 08068783895
- xi) E-mail Address: alabsola@yahoo.com

02. EDUCATIONAL BACKGROUND

i. Educational Institutions Attended (with Dates)

- a) University of Ibadan, Ibadan. 2006 - 2014
- b) University of Ibadan, Ibadan. 2000 – 2004
- c) University of Ibadan, Ibadan. 1992 – 1999
- d) Ekiti Baptist High School, Igede-Ekiti 1982 - 1987
- e) Methodist Primary School, Igede-Ekiti 1974 – 1980

ii. Academic Qualifications (with Dates)

- a) Doctor of Philosophy (Ph.D) 2014
- b) Master of Veterinary Science (M.V.Sc) 2004
- c) Doctor of Veterinary Medicine (D.V.M) 1999

- d) West African School Certificate 1987
- e) Registered with Veterinary Council of Nigeria (V.C.N. Reg. No. 3111) 1999

iii. Prizes, Honours, Scholarships, National & International

Recognition:

- i) Tertiary Educational Trust Fund for PhD bench work 2012.
- ii) Federal Government Scholarship for Postgraduate programme (Master). 2002

03. WORK EXPERIENCE

a) University Teaching Experience

- i) Reader, Department of Veterinary Pathology, Federal University of Agriculture, Abeokuta 2017 to date
- ii) Senior Lecturer, Department of Veterinary Pathology, Federal University of Agriculture, Abeokuta. 2014- 2017
- iii) Lecturer I, Department of Veterinary Pathology, Federal University of Agriculture, Abeokuta. 2008- 2014
- iv) Lecturer II, Department of Veterinary Pathology, Federal University of Agriculture, Abeokuta. 2005-2008

b) Undergraduate Teaching Experience

2018/2019

Course Code	Course Title	Units	No of students	Contact hrs/week	No of Lecturers	Individual contribution
VPT 302	Introduction to principle of general pathology	3	35	5	5	40%
VPT 401	Systemic pathology I	3	31	5	5	25%
VPT 402	Systemic Pathology II:	3	31	5	5	25%
VPT 404	Avian and Fish pathology	3	33	5	5	30%

VPT 501	Veterinary Clinical Pathology	3	32	5	5	40%
VCC 501	Diagnostic Clinics I	5	29	20	5	25%
VCC 502	Diagnostic Clinics II	5	29	20	5	30%
VCC 601	Diagnostic Clinics III	10	30	20	5	40%
VCC602	Diagnostic Clinics IV	10	30	20	5	50%

2017/2018 session

VPT 302	Introduction to principle of general pathology	3	40	5	5	40%
VPT 401	Systemic pathology I	3	40	5	5	25%
VPT 402	Systemic Pathology II	3	34	5	5	25%
VPT 404	Avian and Fish pathology	3	34	5	5	30%
VPT 501	Veterinary Clinical Pathology	3	40	5	5	40%
VCC 501	Diagnostic Clinics I	5	29	20	5	25%
VCC 502	Diagnostic Clinics II	5	29	20	5	30%
VCC 601	Diagnostic Clinics III	10	30	20	5	40%
VCC 602	Diagnostic Clinics IV	10	30	20	5	50%

2016/2017 session

Course Code	Course Title	Units	No of students	Contact hrs/week	No of Lecturers	Individual contribution
VPT302	Introduction to principle of general pathology	3	40	5	5	40%
VPT 401	Systemic pathology I	3	40	5	5	25%
VPT 402	Systemic Pathology I	3	36	5	5	25%
VPT 404	Avian and Fish pathology	3	36	5	5	30%
VPT 304	Veterinary Clinical Pathology	3	36	5	5	40%
VCC 501	Diagnostic Clinics I	5	32	20	5	25%
VCC 502	Diagnostic Clinics II	5	32	20	5	30%
VCC601	Diagnostic Clinics III	10	30	20	5	40%
VCC602	Diagnostic Clinics IV	10	30	20	5	50%

c) Postgraduate Teaching Experience

Course Code	Course Title	Units	No of students	Contact hrs./week	No of Lecturers	Individual contribution (%)
VPT 801	Correlative Veterinary Pathology	3	3	3	3	40
VPT802	Advance General Pathology	3	3	3	3	40
VPT 803	Advanced Systemic Veterinary Pathology I	3	3	3	3	40
VPT804	Advanced Systemic Veterinary Pathology II	3	3	3	3	40

VPT 805	Advanced Systemic Veterinary Pathology III	3	3	3	3	40
VPT806	Advanced Veterinary Clinical Pathology I	3	3	3	3	40
VPT 807	Advanced Veterinary Clinical Pathology II	3	3	3	3	40
VPT808	Advanced Veterinary Exfoliative Cytology	2	3	2	3	40
VPT809	Veterinary immuno-pathology	2	3	2	3	40
VPT810	Comparative Pathology	2	3	2	3	40
VPT811	Nutritional Pathology	2	3	2	3	40
VPT 812	Veterinary Toxicological Pathology	2	3	2	3	40
VPT813	Ultra-structural Pathology	2	3	2	3	40

d) Administrative Experience

- i) Post graduate representative for Department of Veterinary Pathology 2019 to date
- ii) Acting-Head of Department of Veterinary Pathology 2015 – 2019
- iii) Course coordinator of Clinical Pathology (VPT 501) course 2008 to date.

e) Professional Experience

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|---|---------------------------------|
| i) Consultant, Veterinary Teaching Hospital, Federal University of Agriculture, Abeokuta, Nigeria. | 2016 to date |
| ii) Registrar, Veterinary Teaching Hospital, Federal University of Agriculture, Abeokuta, Nigeria. | November 2005-
October 2016 |
| iii) Farm Veterinary Officer- Pleasure and Gain Farm, Badagry, Lagos-State | January 2005 -
October 2005 |
| iv) Clinician - X-Tower Veterinary Hospital, Ibadan, Oyo State | Febuary 2000 -
October 2000. |
| v) Veterinary officer- National Youth Service Corps (NYSC), Itas-Gadau Local Government, Bauchi State | Febuary 1999 -
January 2000 |

f) University committee

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|---|--------------|
| i) Member College Board –College of Veterinary Medicine | 2015 - 2019 |
| ii) Member College Board of Studies from | 2015 to date |
| iii) Member of Senate of the Federal University of Agriculture Abeokuta | 2015-2019 |
| iv) Member of committee on the Enhancement of Teaching Facilities for Optimum Lecture Delivery in Auditoria, Lecture Halls and classrooms | 2011- 2012 |
| v) Member of College Committee on examination results | 2010 - 2014 |
| vi) Member of Centre for Internalization and Partnership Committee, University of Agriculture, Abeokuta | 2009 - 2011 |
| vii) College Representative in Admission Committee | 2012 - 2017 |

04. SPECIAL ASSIGNMENT/ COMMUNITY SERVICE

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| i) Financial Secretary, Deeper Life Campus Church – Federal University of Agriculture Abeokuta | 2010 to date |
| ii) Member Building committee, Deeper Life Campus Church - University of | 2010 to date |

Agriculture Abeokuta

iii) Pastor, Deeper Life Campus Fellowship, University of Agriculture Abeokuta. 2010 to date

05. TRAINING PROGRAMME ATTENDED (with Dates).

- i) Workshop on Capacity Building for Heads of Academic Departments organized by the federal university of Agriculture Abeokuta 2016
- ii) Professional Continuing Education Seminar- Organized by Veterinary Council of Nigeria 2014
- iii) Write-shop for European commission funding Opportunities- organized by Directorate of Grant Management, Federal University of Agriculture Abeokuta. 2014
- iv) Tissue Processing and Electron micrograph interpretation organized by University of Pretoria, South Africa 2012
- v) DNA fingerprint - organized by Genomic group, Biotechnological laboratory, Federal University of Agriculture Abeokuta 2011
- vi) DNA fingerprint and diagnosis – organized by Genomic group, Biotechnological laboratory, Federal University of Agriculture Abeokuta 2010
- vii) Basic Molecular Biology Techniques for DNA Technology- organized by Biotechnological Centre, Federal University of Agriculture Abeokuta 2009
- viii) 2008.
Enhanced Surveillance, Diagnosis, Prevention and Control of Rabies in Nigeria- organized by

- ix) Fish Disease diagnosis and Control- organized by Aquaculture production Technology (Israel) and the World Bank 2008
- x) Cellular Basis of the Normal Immune Response, organized by College of Medicine, University of Ibadan 2004

06. COMMENDATION - Nil

07. MEMBERSHIP OF PROFESSIONAL BODIES

- i) Member, Nigerian Veterinary Medical Association
- ii) Member, International Leptospirosis Society

08. RESEARCH INTEREST OR COMMISSIONED PROJECTS

Completed

- 1) In-vivo and in-vitro lipid peroxidation and reticulocytes response associated with anaemia in *Leptospira icterohaemorrhagiae* infected guinea pigs.
- 2) Effects of *Vernonia Amygdalina* and *Ocimum Grattissimum* on haematological, intestinal fluid and histopathology of *vibrio cholerae* in infected rats.
- 3) Isolation and molecular characterization of pathogenic *leptospira spp.* in slaughtered cattle from two cities in south western Nigeria.
- 4) A ten-year retrospective study on avian neoplastic diseases in Abeokuta, Ogun State, Nigeria
- 5) Cultural and molecular detection of canine leptospirosis in Southwestern Nigeria.

- 6) Distribution and localization of pathogenic leptospiral organism in the renal parenchyma: A hallmark of acute or chronic infection in dogs?
- 7) Cultural and molecular detection of pathogenic *leptospira spp.* in wild rats from three south western states of Nigeria.
- 8) Renal histopathological changes in rats naturally infected with Pathogenic leptospiral organism.
- 9) Renal and Hepatic Histopathological changes in canine leptospirosis in South Western Nigeria.
- 10) Ocular tumors in domestic chickens: Radiological, Histopathological, Immunohistochemical and electron micrographic evaluations.
- 11) Effects of Spent lubricating Oil on Feed Consumption, Feed Conversion Efficiency, Growth and Mortality Rate in Domestic Chickens (*Gallus gallus domesticus*).
- 12) Ovarian Adenocarcinoma in Nera-Black Chickens in Nigeria: Histopathological, Immunohistochemical and Electron micrograph evaluations.
- 13) Canine cutaneous tumours in three States of South Western Nigeria: Cytological, Histopathological and immunohistochemical evaluations
- 14) Field Outbreak of Cavernous Haemangiosarcoma in Isa-Brown Chickens in Nigeria: Histopathological, Immunohistochemical and Electron microscopic evaluations
- 15) Prevalence and Abomasal Pathology of *Eimeria gilruthi* in West African Dwarf goats in South Western Nigeria.
- 16) Prevalence and hepatic pathology of *clonorchis sinensis* in African-clawed toad (*bufo bufo*) in Abeokuta, Nigeria.
- 17) Pulmonary Adenocarcinoma in an African Cane Rat: Cytological, Histopathological and immunohistochemical evaluations
- 18) Bone Marrow Pathology in Canine Babesiosis: Cytological, Molecular, Histopathological and immunohistochemical Evaluations.

- 19) Pulmonary pathology of Zoo Animals from three Zoological gardens in southwest Nigeria (2014-2019). A retrospective study
- 20) Apoptosis in selected organs of *leptospira icterohaemorrhagiae* infected guinea pigs; histochemical, immunohistochemical and electron microscopic evaluations.
- 21) Cytological, histopathological and immunohistochemical evaluations of canine papillomatosis

In progress

- 1) Cytological and molecular evaluations of popliteal lymph nodes in canine Trypanosomosis.
- 2) A survey of the abnormalities of the male genitalia of slaughtered cattle in Lafenwa abattoir, Abeokuta.
- 3) Disseminated mycotic aortitis in Nera-black chickens.
- 4) Regional lymphadenopathy in bovine trypanosomosis: cytological, haematological and molecular evaluations
- 5) Vaginal squamous metaplasia and keratinization: cause of reproductive failure in laying birds.
- 6) Pathological findings in lungs, heart, kidneys and livers of rats (*Rattus rattus*) Naturally infected with *Angiostrongylus catonensis* in Ibadan, Nigeria.

09. PUBLICATIONS

i) PhD Thesis

Serovars and renal pathology of leptospirosis in dogs, cattle and wild rats, and its pathogenesis in a guinea pig model. 2014

ii) Master's Dissertation

Effects of spent lubricating oil consumption on haematology and tissue pathology of domestic chicken (*Gallus gallus domesticus*). 2005

iii) Articles in learned journals

- 1 *†**Ajayi O. L.**, Antia R. E., and Oladipo T. M.(2021): Dissemination kinetics and pathology of canine *Leptospira icterohaemorrhagiae* isolate in a guinea pig infection model.***Journal of immunoassay and immunochemistry***. 42 (3) 1-21. Published by Taylor and Francis, United kingdom.<https://doi.org/10.1080/15321819.2020.1863818>
- 2 *†**Ajayi O.L.**, Antia E.R., Esther O.O., Oladipo T.M., Olaniyi O.M., Awoyomi O.J. (2020): Detection of pathogenic *Leptospira spp.* in goats from slaughterhouses in southwestern Nigeria using isolation, histochemistry and immunohistochemistry. ***Macedonia Veterinary Review*** 44 (1): i-xii Published by the Faculty of Veterinary Medicine - Skopje at Ss. Cyril and Methodius University in Skopje. <https://doi.org/10.2478/macvetrev-2020-0031>
- 3 *†**Ajayi O.L.**, R.E. Antia, T.M. Oladipo, O.S. Aduloju. (2020): Sebaceous carcinoma in an 8-year old female Boerboel. ***Revue Vétérinaire Clinique***. 42 (3) (In press) Published by Elsevier, France. <https://doi.org/10.1016/j.anicom.2020.10.001>
- 4 *Oyenekan I.O, M.O Ilugbo, O.O Adebayo, A.A Adebisi, S.A Koleosho, **O.L Ajayi**, R.A Ajadi
Diagnosis and surgical management of acanthomatous ameloblastoma in a 5-month-old female Boerboel puppy. ***Sokoto Journal of Veterinary Sciences***, 18(4): 239 - 244. Published by Faculty of Veterinary Medicine Usman da fodio University, Sokoto, Nigeria. <https://dx.doi.org/10.4314/sokjvs.v18i4.9>
- 5 *Abakpa, S.A.V., **Ajayi, O.L.**, Mshelbwala, F. M., Olaniyi, M.O., Akintunde, O.G. Adebisi, A.A., Popoola, D.D., Makinde, A.F., Adeleye, A.I. and Idowu, Concurrent Hepatozoonosis and Transmissible Venereal Tumour in a 10-Year Old German Shepherd Dog In Abeokuta, Nigeria. ***Nigeria Journal of Parasitology*** 43: 1; 195-199. Published by Parasitology and Public Health

- 6 *†**Ajayi O. L.**, Olaniyi M. O., Alaka O. O., Antia R. E., Oladipo T. M. (2020): Uterine Leiomyosarcoma associated with Cystic endometrial polyps, chondriod metaplasia and uterine horn intussusception in a greater cane rat (*Thryonomys swinderianus*) **Macedonian Veterinary Review**; 43 (2): 197-204. Published by the Faculty of Veterinary Medicine - Skopje at Ss. Cyril and Methodius University in Skopje

DOI: <https://doi.org/10.2478/macvetrev-2020-0019>

- 7 *†Ugochukwu, I. C. I., Agina O. A., Omeke J. N., Aneke, C. I. Adamu L. F., **Ajayi, O. L.**, Ibrahim N. D. G., Njoku C. I., Sackey A. K. B., Ihedioha, J. I. (2020): An appraisal of Canine Transmissible Venereal Tumour with emphasis on molecular biology and pathology. **Thai Journal of Veterinary Medicine**. 50(1): 1-12. Published by Faculty of Veterinary Science Chulalongkorn University Pathumwan, Bangkok 10330 THAILAND, Thailand <https://he01.tci-thaijo.org/index.php/tjvm/article/view/243251/165159>

- 8 *Olaniyi, M.O., Awoyomi, O.J. Akinniyi, O., Adebisi, A.A., Alaka, O.O., **Ajayi, O. L.**, Jubril, A. J., Jarikre, T.A & Emikpe, B.O (2020): Restrospective study of swine respiratory diseases in Ogun and Oyo states, Nigeria: Immunochemical detection of Mycoplasma hyopneumoniae. **Sokoto Journal of Veterinary Sciences**18 (2): 72 - 82.

Published by Faculty of Veterinary Medicine Usman da fodio University, Sokoto, Nigeria.

Available Online: DOI: 10.4314/sokjvs.v18i2.3

- 9 *†**Ajayi, O. L.**, Antia R. E., Awoyomi O. J., Oladipo T. M. & Adebowale O. O. (2020). Cultural, histochemical, and immunohistochemical detection of pathogenic *Leptospira* species in the kidneys of cattle slaughtered in two abattoirs in Southwest Nigeria, **Journal of Immunoassay and Immunochemistry**, 41:3, 337-353, Published by Taylor and Francis, United kingdom. DOI: 10.1080/15321819.2020.1736096

- 10 *Olaniyi, M.O., Ekum, D.E., Omoshaba, E.O., Sonibare, A.O., **Ajayi, O.L.**, Ojo, O.E. Faramade, I. Mustapha O.A., Alaka O.O. (2020). Pathomorphological changes and Bacterial pathogens Associated with swine pneumonias in Southwest Nigeria. **Journal of Natural Science, Engineering and Technology**. 19(1&2): 8-24. Published by the Federal University of Agriculture Abeokuta.

*†Olakunle S Tihamiyu, Oladosu G.A, Anifowose O.R, **Ajayi O.L.** (2020): Pathogenicity and

- Antibiotics Sensitivity Profile of *Aeromonas Bestiarum* Used In Experimental Infection of Different Developmental Stages of *Clarias Gariepinus* ***Journal of Aquaculture, Marine Biology & Ecology***, 1 1-6. Available online: <https://kosmospublishers.com/wp-content/uploads/2020/03/>
- 11
- 12 *+Olaniyi, M. O., **Ajayi, O. L.**, Alaka, O. O., Mustapha, O. A. Brown, C. C., Shields, J. P., Ard, M. B., Nagy, T. (2020) Immunohistochemical and Ultrastructural studies of *Mycoplasma hyopneumoniae* strain in naturally infected pigs in Nigeria. ***Folia Veterinaria***, 64, 1: 1-10, Published by the University of Veterinary medicine and Pharmacy in Kosice, Slovak Republic. DOI: <https://doi.org/10.2478/fv-2020-0001>
- 13 *Oladele O.O., Olufemi, B. E., **Ajayi O. L.**, Ameji S. N., Ntiwunka U.G. (2019): Studies on Experimental Pseudomoniasis and Vibriosis in African Catfish (*Clarias gariepinus*) (Burchell, 1822) ***Vom Journal of Veterinary Science*** 14, (1): 60 – 74. Published by research institute Vom Nigeria.
- 14 *+Oghenochuko O.M, Olukunle J. O., Adenubi O. T., **Ajayi O. L.**, Mshelbwala, F. M., Abdulraheem, I. Apantaku, J. T., Takeet, A., Omoniyi T. I. & Ezeri, G. N. (2019) “Lethal Doses and Histopathological Changes in Liver and Kidney of Healthy *Clarias gariepinus* Sub-adult Exposed to Red *Allium cepa* Linn. Bulb” ***Pertanika Journal of Tropical Agricultural Science***. 42 (3) 1081-1096. Published by the University of Putra, Malaysia
- 15 *+Okusanya, P. O. Jubril, A. J. **Ajayi, O. L.**, Emikpe B. O. & Taiwo V. O (2019): Histochemical and Immunohistochemical detection of pathogenic *Leptospire*s serovars in tissues of some captive wildlife from a University zoo in Nigeria. ***Journal of Immunoassay and Immunochemistry***40 (5) 564-572. Published by Taylor and Francis, United Kingdom. <https://doi.org/10.1080/15321819.2019.1655650>
- 16 *+Mshelbwala F. M., Ibrahim N. D. G., Saidu S. N A., Azeez A. A., Kwanashie C. N., Anise E. O., Akinleye O. S., Fakilahyel K. A. K., Adebisi A. A., **Ajayi O. L.**, Olaniyi M. O (2018): Clinical signs, pathomorphological and immunohistochemical findings in the visceral organs of chickens naturally infected with motile salmonella serotypes in Lagos, Ogun and Oyo states, Nigeria. ***Bulletin of Animal Health and Production in Africa***, 66 (2) 181-192. Published by Inter-African Bureau for Animal Resources Nairobi, Kenya
- 17 *+Omotainse O. S., Akpavie S.O., **Ajayi O. L.**, Otesile E. B and Omotainse S O. (2018): Blood tumor necrotic factor-alpha, erythropoietin and interleukin-9 in the pathogenesis of acute anaemia in *Trypanosoma congolense* infected rabbits. ***Bulletin of Animal Health and***

Production in Africa, 66:501-507. Published by Inter-African Bureau for Animal Resources Nairobi, Kenya

- 18 *†Lala A.O. **Ajayi O.L.**, Okwelum N., Oso A.O., Fakorede T.V., Adebayo T.A., Jagbojo J.E. (2018): Haematological, biochemical and organ changes in broiler chickens fed varying levels of *Morinda lucida* (brimstone) leaf meal supplementation in the diets. ***Tropical Animal Health and Production***; 50(5):1005-1010 Available Online: doi: 10.1007/s11250-018-1524-8.
- 19 ***Ajayi O.L.**, Idowu, A.A., Olaniyi, M.O., Mshelbwala M., Oluwabi, M. T., Omotainse S.O. (2018): Outbreak of cutaneous papilloma in catfish (*Clarias gariepinus*) (BURCHELL, 1822) in Nigeria. ***Tropical Veterinarian*** 36 (4) 249-260. Published by the Faculty of Veterinary Medicine, University of Ibadan.
- 20 ***Ajayi, O. L.**, Oluwabi, M., Ajadi, R. A., Antia, R. E., Omotainse, S. O., Jubril, A. J. Adebayo, O. O. & Makinde A. F. (2018): Cytomorphological, histopathological and immunohistochemical observations on the histiocytic origin of canine transmissible venereal tumour. ***Sokoto Journal of Veterinary Sciences***, 16 (2). 10-20. Published by Faculty of Veterinary Medicine Usman da Fodio University, Sokoto, Nigeria Available Online: <http://dx.doi.org/10.4314/sokjvs.v16i2.2>
- 21 *†**Ajayi O. L.**, Antia R.E, Ojo O E, Olaniyi M.O, Awoyomi O J, Mshelbwala F M, Adebisi A. A., oluwabi T M and kehinde O O. (2018): Preliminary studies on pathogenic *leptospira spp.* in slaughtered pigs in Abeokuta, Ogun state, Nigeria. ***Bulletin of Animal Health and Production in Africa.***, 66, (1) 23-33. Published by Inter-African Bureau for Animal Resources Nairobi, Kenya. Available Online: <https://www.ajol.info/index.php/bahpa/article/view/167754>
- 22 *Mshelbwala, F. M., **Ajayi, O. L.**, Adebisi, A. A., Olaniyi, M. O., Omotainse, S. O., Omotainse, O. S., Oluwabi, M. T., Ojebiyi, O. E., Akpavie, S. O and Kadiri, A. K. F. (2016): Retrospective Studies on the Prevalence, Morphological Pathology and Aetiology of Renal Failure of Dog in Lagos and Abeokuta, Nigeria. ***Nigerian Veterinary Journal***, 37 (4): 206-216. Published by the Nigeria Veterinary Medical Association. Available Online:/163811-Article%20Text-424042-1-10-20171215.pdf
- 23 *Mshelbwala, F. M., Adebisi, A. A., **Ajayi, O. L.**, Olaniyi, M. O., Oloye, A. A., Adebayo, O. O., Sanni, I. O., Kadiri, A. K. F., Abakpa, S. A. V. (2017): Rumen Impaction: Retrospective study on the prevalence, clinical findings, gross pathology and causes in sheep and goat reared in the tropical rain forest of Nigeria. ***Nigeria Journal Animal***

Production,44(4): 61-70. Published by Nigerian Society for Animal Production

- 24 Adebisi A.A., Bello, O. S., **Ajayi O.L.**, Ajadi, R. A. (2017): Rhabdomyosarcoma in a Seven year Old Male Rottweiler. **Tropical Veterinarian**. 35 (3) 123-129. Published by the Faculty of Veterinary Medicine, University of Ibadan, Nigeria.
- 25 Idowu K.R, Agunbiade J.A., Adeyemi O.A., &**Ajayi O.L.**, Fafolu A.O. Oladipupo O.O (2017): Microbial Evaluation of Earthworm Meal as a Protein source in diets for Broiler Chicken. **Nigerian Poultry Science Journal**. 12; 71-76. Published by the Association of Poultry Science of Nigeria
- 26 Ajadi T. A. Kayode-Adekoya I. T., **Ajayi O. L.**, Adebisi A. A., Adebayo O. O.(2017): Luteinized Granulosa Cell Tumour in a seven year old female Rottweiler. **Tropical Veterinarian**. 35 (1) 34-43. Published by the Faculty of Veterinary Medicine, University of Ibadan, Nigeria.
- 27 Oni, O.O, Owoade A A, Adeyefa CA, **Ajayi O.L**, Sonibare A.O & Ojo O.E (2017) Experimental reproduction of rotavirus and Salmonella pullorum gastroenteritis in broiler chicks. **Sokoto Journal of Veterinary Sciences** 15(3): 43–49. Published by Faculty of Veterinary Medicine Usman da fodio University, Sokoto, Nigeria.
- 28 Akande E. A., Olayemi, M.D., **Ajayi O.L.**, Oni O.O., & Akinkuotu, O.A. (2016) Seroprevalence of swine toxoplasmosis in Ogun State, Nigeria. **Nigeria Journal of Parasitology**37: 2; 195-199. Published by Parasitology and Public Health Society of Nigeria.
- 29 †James, I.J., Osinowo, O.A., Smith, O.F., Bemji, M.N., Williams, T.J., **Ajayi, O.L.**, Oluwole, O. & Olaniyi, M.O. (2017) Effects of bovine somatotropin on milk yield, mammary gland weight and histology in West African Dwarf goats. **Archivos de Zootecnia**. 66 (254): 173-179. Published by Zootechnics Institute University of Cordoba, Spain. Available Online:DOI: 10.21071/az.v66i254.2319
- 30 Olujimi O. O., **Ajayi O. L** & Oputu O. U. (2016) Toxicity assessment of Olusosun and Igando Leachates using the African Catfish (*Clarias gariepinus*) as bio-indicator species part 1. **Ife Journal of Science** 18: 3; 693-701. Published by Faculty of Science Obafemi Awolowo University, Ile-Ife, Nigeria.

- Ikenweiwe, N.B., Alimi A.A., Bamidele N.A., Soaga J.O., Oyewusi I.K., **Ajayi O. L.**, Olurode S. A., Otunbusi S. O., Balogun E.A., Ozoje M.O. Adewumi B. A. (2016). Efficacy of *Ageratum conyzoides* and *Terminalia superba* to induce ovulation in female catfish (*Clarias gariepinus*).
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11. INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND Ph.D THESIS SUPERVISED

Title of thesis	Name of Student	Year	Status	Supervision
1) Effects of coprophagy in Rabbits	Salami S. Adebola PG09/0067	2008/2009	Completed M.Sc	Co-supervisor

2)	Caprine leptospirosis in Oyo and Ogun State: Histopathological and Immunohistochemical studies	Ojebiyi Busayo PG/12/0648	2012/2013	Completed M.V.Sc	Co-supervisor
3)	In-vivo assessment of erythropoietin, TNF α , and interleukin 9 in <i>Trypanosoma congolense</i> in Rabbits	Omotainse O. S PG/12/0650	2012/2013	Completed M.V.Sc	Co-supervisor
4)	Canine cutaneous tumours in three States of South Western Nigeria: Cytological, Histopathological and Immunohistochemical evaluations.	Oluwabi Morenikeji PG/12/0649	2012/2013	Completed M.V.Sc	Major supervisor
5)	Efficacy of burdizzo castration on red Sokoto bucks	Oloruntuga O. O. PG/13/0012	2013/2014	Completed M.Sc.	Co-supervisor
6)	Effects of <i>Citrullus colocynthis</i> and <i>Leucaena leucocephala</i> on bacteria organisms isolated from cultured <i>clarias gariepinus</i> in Abeokuta, Ogun-State.	Amosu O. Alade PG/13/0542		Completed M Sc	Co-supervisor
7)	Pathology and pathogens associated with swine pneumonias in southwest Nigeria.	Olaniyi M. Olajire PG13/0736	2013/2014	Completed PhD	Co-supervisor
8)	Sero-prevalence and clinico-pathological observations in commercial laying flocks with haemangiosarcoma in Lagos and Ogun states, Nigeria	Obetta, V. Chigozie PG/14/0792	2014/2015	Ongoing MVSc	Co-supervisor
9)	Effect of glucosamine before and after experimental osteoarthritis on gait assessment, lipid peroxidation and plasma lipid profile in rabbits	Adeniyi A. Abosede PG/13/0341	2014/2015	Completed VSc	Co-supervisor
10)	Molecular, prevalence and characterization of mareks disease virus in exotic and indigenous chickens in Ogun-state, Nigeria.	Oluwayinka E. Bamidele PG/2009/0292	2015/2016	On-going PhD	Co-supervisor

11) Evaluation of Tumour necrosis factor – α , blood leukocyte and reticulocyte population in experimental Babesia canis infection in Nigeria local dogs.	Adebiyi A.A. PG/11/0735	2011/2012	Completed MVSc	Co-supervisor
12) Patho-physiological changes in Amnoitic and histopathology of placenta and liver in gravid mice experimentally infected with <i>Plasmodium berghei</i> .	Olaifa Zainab Atinuke PG/15/0008	2015/2016	On-going	Co-supervisor
13) Assessment of Soursop (<i>Annona muricata</i>) potential as antidiabetic therapy in Albino rats.	Oladipo Tunbosun Ademola PG15/0370	2015/2016	Ongoing MVSc	Co-supervisor
14) Effect of Mfeed Nanoparticles on growth, reproduction and health status of giant African land Snail (<i>Architina merglanta</i>)	Otto, Bismarck Ovunda PG15/0113	2017/2018	Completed MSc	Co-supervisor
15) Glycolytic, Tricarboxylic acid cycle and oxidative phosphorylation enzymes in lymphocytes, fibroid tissue and myometrium in a population of women in Abeokuta Ogun state, Nigeria	Lamidi Rukayat Abiodun PG14/0046	2017/2018	On-going MSc	Co-supervisor
16) Lipid dynamics in lymphocytes, erythrocyte, plasma, lipoprotein and mitochondria in fibroid and myometrial tissues	Ogunwemida Sekinat Dunmola PG15/0647	2017/2018	On-going MSc	Co-supervisor
17) Cytological, Haematological and Pathology of Reticuloendothelial organs in Caprine Trypanosomosis.	Osifade Olawale akindele PG/17/1/0692	2017/2018	On-going M.Phil./Ph.D	Major supervisor
18) Canine pulmonary and mediastinal lymph node anthracosis : a sentinel of enviromental pollution and degradation	Oladipo Morenikeji Temitope PG12/0649	2017/2018	On-going Ph.D.	Major Supervisor

19) Role of microbiota in the pathogenesis of Peste des petits ruminants (PPR) in west African dwarf goats.	Muritala Ismaila	PG/17/021 0	On-going Ph.D.	Co-supervisor
20) Some energy metabolizing enzymes in a male Albino rats exposed to Marijuana	Akintehinse Olutumise Victoria	PG12/0373	On-going Ph.D.	Co-supervisor

12. EXTRA CURRICULAR ACTIVITIES

- i) Christian Evangelism and Church Work
- ii) Farming
- iii) Photography

13. REFEREES

1) Professor Christopher Adejuyigbe

Head of Department Soil science

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2) Professor Arogundade Lawrence Akinola.

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3) Professor Oyewole Olufemi

Department of Veterinary Microbiology

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Date



Dr. O.L. Ajayi