

PUBLICATIONS

(a) Chapters in books already published

1. Adene, D.F., **Oluwayelu, D.O.** and Oladele, O.A. (2004). Avian mycoplasmosis as a peculiar example of transboundary animal disease. In Adene, D.F. (Ed.) *Poultry Health and Production: Principles and Practices*. Ibadan: Stirling-Horden Publishers. 213-219pp. ISBN 978-032-156-X.
2. Meseko, C.A. and **Oluwayelu, D.O.** (2019). Avian Influenza. In Kardadj, M., Diallo, A. and Lancelot, R. (Eds.) *Transboundary Animal Diseases in Sahelian Africa and Connected Regions*. Springer Nature Switzerland AG. 345-374pp.
https://doi.org/10.1007/978-3-030-25385-1_17

(b) Articles that have already appeared in refereed conference proceedings

3. Olugasa, B.O., **Oluwayelu, D.O.**, Adewale, G.A., Ayoade, G.O., Ijagbone, I.F., Babalobi, O.O. and Agbede, S.A. (2005). Confirmatory diagnosis of African swine fever in southern Nigeria by immunoblotting assay. In Wrzesien, A.K.R. (Ed.). *Animals and Environment: Proceedings of the XIIth International Congress of International Society for Animal Hygiene*. Warsaw, Poland: BEL Studio. Vol. 1, 343-347pp. ISBN 83-89968-31-2.
4. **Oluwayelu, D.O.**, Olatoye, O., Akanbi, M., Hoffmann, B. (2011). Re-emergence of bluetongue virus infection in Oyo State, Nigeria. In Rahman, S.A. (Ed.) *Proceedings 5th Pan Commonwealth Veterinary Conference*. Accra, Ghana: European Commission. 234-238pp. ISBN 978-92-79-19912-7.
5. Aiki-Raji, C.O., **Oluwayelu, D.O.** and Adeyefa, C.A.O. (2012). The decay pattern of maternally derived antibody to infectious bursal disease virus in cockerel chicks. In Olorunfemi, D.I., Okaka, C.E., Osubor, C.C. and Osagie, A.U. (Eds.). *Proceedings 12th Annual Scientific Conference of Nigerian Society for Experimental Biology*. Benin City, Nigeria: NISEB. 7-9pp.

(c) Articles that have already appeared in learned journals

6. Odemuyiwa, S.O., Adebayo, I.A., Ammerlaan, W., Ajuwape, A.T.P., Alaka, O.O., Oyedele, O.I., **Soyelu, K.O.** (now **Oluwayelu, D.O.**), Olaleye, D.O., Otesile, E.B. and Muller, C.P. (2000). An outbreak of African swine fever in Nigeria: virus isolation and molecular characterization of the VP72 gene of a first isolate from West Africa. *Virus Genes* Vol. 20. No. 2: 139-142.
7. Fagbahun, O.A., Owoade, A.A., **Oluwayelu, D.O.** and Olayemi, F.O. (2000). Serological survey of infectious bursal disease virus antibodies in cattle egrets, pigeons and Nigerian laughing doves. *African Journal of Biomedical Research* Vol. 3. No. 3: 191-192.
8. Fagbahun, O.A., **Oluwayelu, D.O.**, Owoade, A.A. and Olayemi, F. O. (2000). Survey for antibodies to Newcastle disease virus in cattle egrets, pigeons and Nigerian laughing doves. *African Journal of Biomedical Research* Vol. 3. No. 3: 193-194.
9. **Oluwayelu, D.O.**, Fagbahun, O.A., Odemuyiwa, S.O., Owoade, A.A. and Olaleye, D.O. (2001). Viability and immunogenicity of four commercial infectious bursal disease vaccines. *Tropical Veterinarian* Vol. 19. No. 1: 16-22.
10. **Oluwayelu, D.O.**, Emikpe, B.O., Ikheloa, J.O., Fagbahun, O.A. and Adeniran, G.A. (2002). Pathology of infectious bursal disease in crossbreeds of Harco cocks and indigenous Nigerian hens. *African Journal of Clinical and Experimental Microbiology* Vol. 3. No. 2: 91-94.

11. Emikpe, B.O., Ohore, O.G., **Oluwayelu, D.O.** and Eyarefe, O.D. (2002). Pasteurellosis in a captive antelope (*Antilope cervicapra*) in Ibadan, Nigeria. *Tropical Veterinarian* Vol. 20. No. 4: 238-242.
12. Ohore, O.G., Ozegbe, P.C., Emikpe, B.O. and **Oluwayelu, D.O.** (2002). The prevalence of antibodies to fowl typhoid in indigenous Nigerian chickens (*Gallus gallus domesticus*). *Bulletin of Animal Health and Production in Africa* Vol. 50: 63-65.
13. Adedokun, O.A., Adedokun, R.A.M., Emikpe, B.O., Ohore, O.G., **Oluwayelu, D.O.** and Ajayi, O.L. (2002). Concurrent fatal helminthosis and balantidiosis in red monkey (*Erythrocebus patas*) in Ibadan, Nigeria. *Nigerian Veterinary Journal* Vol. 23. No. 2: 56-59.
14. Fagbohun, O.A., Taiwo, V.O., Odaibo, G.N., **Oluwayelu, D.O.**, Aiki-Raji, C.O. and Olaleye, O.D. (2003). Total serum complement in chickens experimentally infected with infectious bursal disease virus with or without previous vaccination. *Nigerian Veterinary Journal* Vol. 24. No. 3: 4 - 9.
15. Emikpe, B.O., Ohore, O.G., **Oluwayelu, D.O.**, Oladele, O.A., Ockiya, M.A. and Eniola, S.O. (2003). Seroprevalence of antibodies to infectious bronchitis virus in Nigerian indigenous chickens in Ibadan. *Nigerian Veterinary Journal* Vol. 24. No. 3: 9-12.
16. Adebayo, I.A., Adeyemo, O., Olaleye, O.D., Awoniyi, T.A.M. and **Oluwayelu, D.O.** (2003). Serological detection of caprine arthritis encephalitis virus infection in West African dwarf goats in southwest Nigeria. *Nigerian Veterinary Journal* Vol. 24. No. 3: 117-122.
17. Babalobi, O.O., Ayoade, G.O., Olugasa, B.O., **Oluwayelu, D.O.** and Oyedele, O.I. (2003). Differential diagnosis of a swine epizootic of unknown etiology in Ibadan, Oyo State, Nigeria. *Israeli Journal of Veterinary Medicine* Vol. 58. 86-89.
18. Oyedele, O.I., **Oluwayelu, D.O.**, Cadmus, S.I.B., Odemuyiwa, S.O. and Adu, F.D. (2004). Protective levels of canine distemper virus antibody in an urban dog population using plaque reduction neutralization test. *Onderstepoort Journal of Veterinary Research* Vol. 71: 227-230.
19. Owoade, A.A., **Oluwayelu, D.O.**, Fagbohun, O.A., Ammerlaan, W., Mulders, M.N. and Muller, C.P. (2004). Serologic evidence of chicken infections anemia in commercial chicken flocks in Southwest Nigeria. *Avian Diseases* Vol. 48: 202-205.
20. Oladele, O.A., Emikpe, B.O., **Oluwayelu, D.O.** and Ohore, O.G. (2004). Comparison of agar gel precipitation test (AGPT) and enzyme-linked immunosorbent assay (ELISA) in the detection of infectious bursal disease virus (IBDV) antibody in village chickens in Oyo State, Nigeria. *Nigerian Veterinary Journal* Vol. 25. No. 1: 26-29.
21. Emikpe, B.O., **Oluwayelu, D.O.**, Oladele, O.A., Ohore, O.G. and Oladokun, A.T. (2005). Serological evidence of chicken anaemia virus infection in Nigerian indigenous chickens. *Onderstepoort Journal of Veterinary Research* Vol. 72: 101-103.
22. **Oluwayelu, D.O.**, Todd, D., Ball, N.W., Scott, A.N.J., Oladele, O.A., Emikpe, B.O., Fagbohun, O.A., Owoade, A.A. and Olaleye, O.D. (2005). Isolation and preliminary characterization of chicken anemia virus from chickens in Nigeria. *Avian Diseases* 49 (3): 446 – 450.

23. **Oluwayelu, D.O.**, Emikpe, B.O., Fagbohun, O.A. and Ohore, O.G. (2005). Prevalence of antibodies to three avian viral diseases in guinea fowls in Ibadan, Nigeria. *Bulletin of Animal Health and Production in Africa* Vol. 53. No. 4: 274 - 276.
24. Olayemi, F.O., Fagbohun, O.A., Aiki-Raji, C.O., **Oluwayelu, D.O.**, Roberts, O.O. and Emikpe, B.O. (2006). Haematology of the African fruit bat (*Eidolon helvum*). *Tropical Veterinarian* Vol. 24. No. 4: 81-84.
25. Emikpe, B.O., Ozegbe, P.C., Ohore, O.G. and **Oluwayelu, D.O.** (2006). Four-legged layer chicken with left bifid cecum and two cloacae. *Bulletin of Animal Health and Production in Africa* 54: 302 - 304.
26. Emikpe, B.O., Oladele, O.A., **Oluwayelu, D.O.**, Adene, D.F., Ohore, O.G., Bolarinwa, A.B. (2007). Detection of avian leukosis virus P27 antigen in Nigerian indigenous chickens. *Journal of Animal and Veterinary Advances* 6 (1): 36 – 38.
27. Ohore, O.G., Emikpe, B.O., Oke, O.O. and **Oluwayelu, D.O.** (2007). The seroprofile of rabies antibodies in companion urban dogs in Ibadan, Nigeria. *Journal of Animal and Veterinary Advances* Vol. 6. No. 1: 53-56.
28. **Oluwayelu, D.O.**, Emikpe, B.O., Oladele, O.A., Ohore, O.G. and Fagbohun, O.A. (2007). Seroprevalence of infectious bursal disease in flocks of indigenous Nigerian ducks (*Anas platyrhynchos*). *Journal of Animal and Veterinary Advances* Vol. 6. No. 1: 64-67.
29. Babalobi, O.O., Olugasa, B.O., **Oluwayelu, D.O.**, Ijagbone I.F., Ayoade G.O. and Agbede, S.A. (2007). Analysis and evaluation of mortality losses of the 2001 African swine fever outbreak, Ibadan, Nigeria. *Tropical Animal Health and Production*. Vol. 39. No. 7: 533-542.
30. Owoade, A.A., Fagbohun, O.A. and **Oluwayelu, D.O.** (2007). Cross-reactivities of rabbit anti-chicken horse radish peroxidase conjugate with sera of some other avian species in ELISA system. *African Journal of Biomedical Research* Vol. 10: 193-196.
31. **Oluwayelu, D.O.**, Olaleye, O.D., Todd, D., Emikpe, B.O. and Ohore, O.G. (2007). Evaluation of diagnostic performance and adoption of indirect immunofluorescence for serodiagnosis of chicken infectious anaemia in Nigerian poultry. *Tropical Veterinarian* Vol. 25. No. 2: 41-47.
32. Ohore, O.G., Emikpe, B.O., **Oluwayelu, D.O.**, Adeyemi, R.O. and Ockiya, M.A. (2007). Seroprofile of antibodies to fowlpox virus in commercial and indigenous chickens in southwestern Nigeria. *Journal of Animal and Veterinary Advances* Vol. 6. No. 5: 697-701.
33. Oladele, O.A., Emikpe, B.O., Ohore, O.G., **Oluwayelu, D.O.** and Agboola, O.O. (2007). Comparison of the antibody response of Nigerian indigenous and exotic chickens to infectious bursal disease virus infection. *Folia Veterinaria* Vol. 51. No. 1: 38-42.
34. **Oluwayelu, D.O.** and Todd, D. (2008). Rapid identification of chicken anemia virus in Nigerian backyard chickens by polymerase chain reaction combined with restriction endonuclease analysis. *African Journal of Biotechnology* Vol. 7. No. 3: 271-275.

35. **Oluwayelu, D.O.**, Todd, D. and Olaleye, O.D. (2008). Sequence and phylogenetic analysis of chicken anaemia virus obtained from backyard and commercial chickens in Nigeria. *Onderstepoort Journal of Veterinary Research* Vol. 75: 353-357.
36. **Oluwayelu, D.O.** (2009). Detection of chicken infectious anaemia virus DNA in archived infectious bursal disease (IBD) tissues and retrospective implications on IBD diagnosis. *Nigerian Veterinary Journal* Vol. 30. No. 2: 77-80.
37. **Oluwayelu, D.O.**, Todd, D., Ohore, G., Emikpe, B., Oladele, O. and Olaleye, O.D. (2009). A monoclonal blocking ELISA to detect chicken anaemia virus antibodies in Nigerian poultry. *Bulletin of Animal Health and Production in Africa* Vol. 57: 131-141.
38. **Oluwayelu, D.O.**, Olaleye, O.D., Todd, D. (2010). Biological characterization of Nigerian chicken anaemia virus isolates. *African Journal of Medicine and Medical Sciences* Vol. 39: 21-26.
39. **Oluwayelu, D.O.** (2010). Diagnosis and epidemiology of chicken infectious anemia in Africa. *African Journal of Biotechnology* Vol. 9. No. 14: 2043-2049.
40. Cadmus, S.I.B., Adesokan, H.K., **Oluwayelu, D.O.**, Idris, A.O. and Stack, J.A. (2010). *Brucella abortus* antibodies in the sera of indigenous and exotic avian species in Nigeria. *Bulletin of Animal Health and Production in Africa*. Vol. 58. No. 4: 382-384.
41. Oladele, O.A., **Oluwayelu, D.O.** and Oyelakun, O.M. (2011). Infectivity of duck embryo-propagated infectious bursal disease virus (serotype 1). *Folia Veterinaria* Vol. 55. No. 1: 25-27.
42. **Oluwayelu, D.O.**, Aiki-Raji, C.O., Neba, C. and Ahmadu, O. (2011). Prevalence of avian origin H5 and H7 influenza virus antibodies in dogs in Ibadan and Sagamu, Southwestern Nigeria. *African Journal of Biomedical Research* Vol. 14. No. 1: 23-26.
43. Olugasa, B.O., **Oluwayelu, D.O.**, Ayinmode, A.B., Emikpe, B.O., Ijagbone, I.F. and Cadmus, S.I.B. (2011). Epizootiology in contemporary global health: making a difference in the health of people in West Africa. *Nigerian Journal of Epidemiology* Vol. 1. No. 1: 28-33.
44. Soetan, K.O. and **Oluwayelu, D.O.** (2011). The potential environmental and public health impacts of biotechnology approach to livestock production: a review. *International Journal of Applied Agricultural Research* Vol. 6. No. 2: 91-98.
45. **Oluwayelu, D.O.** and Todd, D. (2012). Chicken astrovirus infection: Mini-review and preliminary serologic evidence of antigenically and genetically distinct chicken astroviruses in Nigerian indigenous chickens. *African Journal of Biomedical Research* Vol. 15. No. 2: 71-76.
46. **Oluwayelu, D.O.**, Smyth, V. and Todd, D. (2012). Detection of avian nephritis virus and chicken astrovirus in Nigerian indigenous chickens. *African Journal of Biotechnology* Vol. 11. No. 17: 3949-3957.
47. Olugasa, B.O., Emikpe, B.O., **Oluwayelu, D.O.**, Cadmus, S.I.B., Ayinmode, A.B. and Oluwole, O.E. (2012). Field evaluation of immunogenicity of five commercial vaccines against Newcastle disease in poultry farms in Ibadan, Nigeria. *Nigerian Veterinary Journal* Vol. 33. No. 2: 475-482.

48. Meseko, C.A. and **Oluwayelu, D.O.** (2012). Clinical tetanus in pigs in a pig farming complex, Lagos, Nigeria. *Nigerian Veterinary Journal* Vol. 33. No. 4: 666-669.
49. Obijimi, T.O., Ajetomobi, A.B., Sule, W.F. and **Oluwayelu, D.O.** (2013). Prevalence of Rubella virus-specific immunoglobulin-G and -M in pregnant women attending two tertiary hospitals in southwestern Nigeria. *African Journal of Clinical and Experimental Microbiology* Vol. 14. No. 3: 134-139.
50. Ayinmode, A.B., **Oluwayelu, D.O.**, Sule, W.F. and Obebe, O.O. (2014). Seroprevalence of *Toxoplasma gondii* in recreational horses in two metropolitan cities of southwestern Nigeria. *African Journal of Medicine and Medical Sciences* Vol. 43: 47-50.
51. **Oluwayelu, D.O.**, Bankole, O., Ajagbe, O., Adebiyi, A.I., Abiola, J.O., Otuh, P. and Omobowale, O.T. (2014). Serological survey for emerging canine H3N8 and H3N2 influenza viruses in pet and village dogs in Nigeria. *African Journal of Medicine and Medical Sciences* Vol. 43: 111-115.
52. **Oluwayelu, D.O.**, Adebiyi, A.I., Ohore, O.G. and Cadmus, S.I.B. (2014). Lack of protection against rabies in neighbourhood dogs in some peri-urban and rural areas of Ogun and Oyo states, Nigeria. *African Journal of Medicine and Medical Sciences* Vol. 43: 157-162.
53. Adekunle, S., Sule, W.F. and **Oluwayelu, D.O.** (2014). High negativity of IgG antibodies against human papillomavirus type 6, 11, 16 and 18 virus-like particles in apparently healthy women of childbearing age. *Journal of Experimental and Integrative Medicine* Vol. 4. No. 1: 37-41.
54. **Oluwayelu, D.O.** (2014). Potential impact of climate and environmental changes on occurrence and transmission of arboviral diseases of livestock in Nigeria. *Nigerian Veterinary Journal* Vol. 35. No. 3: 1038-1052.
55. Meseko, C.A. and **Oluwayelu, D.O.** (2014). Evidence of porcine reproductive and respiratory syndrome virus antibodies in Nigeria - a preliminary study. *Tropical Veterinarian* Vol. 32. No. 3 & 4: 97-103.
56. **Oluwayelu, D.O.**, Adebiyi, A.I., Olaniyan, I., Ezewele, P. and Aina, O. (2014). Occurrence of Newcastle disease and infectious bursal disease virus antibodies in double-spurred francolins in Nigeria. *Journal of Veterinary Medicine*. Volume 2014, Article ID 106898, 5 pages. <http://dx.doi.org/10.1155/2014/106898>
57. Aiki-Raji C.O., Adebiyi A.I., Adeyemo I.A., Fagbahun O.A., **Oluwayelu D.O.** (2014). Seroprevalence of classical swine fever antibodies in slaughtered pigs at Bodija municipal abattoir, Ibadan, South West Nigeria. *European Journal of Scientific Research* 126 (4): 402 – 407.
58. **Oluwayelu, D.O.** and Adebiyi, A.I. (2015). Possible mechanisms underlying bacterial-viral interactions in respiratory diseases: a review. *African Journal of Infectious Diseases* Vol. 9. No. 2: 43-46.
59. Sule, W.F., **Oluwayelu, D.O.**, Adedokun, R.A.M., Rufai, N., McCracken, F., Mansfield, K. and Johnson, N. (2015). High seroprevalence of West Nile virus antibodies

observed in horses from Southwestern Nigeria. *Vector-borne and Zoonotic Diseases* Vol. 15. No. 3: 218-220.

60. Olaniyan L.W.B., Maduagwu E.N., Akintunde O.W., **Oluwayelu, D.O.** and Brai B.I.C. (2015). Lamivudine-induced liver injury. *Open Access Macedonian Journal of Medical Sciences* Vol. 3. No. 4: 545-550.
61. **Oluwayelu, D.O.**, Adebiyi, A.I. and Ohore, O.G. (2015). A survey of rabies virus antibodies in confined, hunting and roaming dogs in Ogun and Oyo states, southwestern Nigeria. *Asian Pacific Journal of Tropical Disease* Vol. 5. No. 1: 17-21.
62. Meseko C.A., Odurinde O.O., Olaniran B.O., Heidari A. and **Oluwayelu D.O.** (2015). Pandemic influenza A/H1N1 virus incursion into Africa: countries, hosts and phylogenetic analysis. *Nigerian Veterinary Journal* Vol. 36. No. 3: 1251-1261.
63. **Oluwayelu, D.O.**, Meseko, C.A. and Adebiyi, A.I. (2015). Serological screening for Schmallenberg virus in exotic and indigenous cattle in Nigeria. *Sokoto Journal of Veterinary Sciences* Vol. 13. No. 3: 14-18.
64. Aiki-Raji, C.O., Adebiyi, A.I., Agbajelola, V.I., Adetunji, S.A., Lameed, Q., Adesina, M., Adekanye, G., Omidokun, F., Fagbohun, O. and **Oluwayelu, D.O.** (2015). Surveillance for low pathogenic avian influenza viruses in live-bird markets in Oyo and Ogun States, Nigeria. *Asian Pacific Journal of Tropical Disease* Vol. 5. No. 5: 369-373.
65. **Oluwayelu, D.O.**, Aiki-Raji, C.O., Adigun, O., Olofintuyi, O. and Adebiyi, A.I. (2015). Serological survey for avian influenza in turkeys in three states of southwestern Nigeria. *Influenza Research and Treatment*. Volume 2015, Article ID 787890, 6 pages. <http://dx.doi.org/10.1155/2015/787890>
66. Ayinmode, A.B., **Oluwayelu, D.O.**, Babalola, E.T. and Lawani, M.A. (2016). Serologic survey of *Toxoplasma gondii* antibodies in cats (*Felis catus*) sold at live animal markets in southwestern Nigeria. *Bulgarian Journal of Veterinary Medicine*. Vol. 20, No. 1: 58-64. DOI: 10.15547/bjvm.957
67. Aiki-Raji, C.O., **Oluwayelu, D.O.**, Adeyemo, I.A. and Adebiyi, A.I. (2016). Seroprevalence of foot-and-mouth disease in slaughtered pigs in Ibadan, southwest Nigeria. *Alexandria Journal of Veterinary Sciences* Vol. 48. No. 2: 18-22.
68. **Oluwayelu, D.O.**, Aiki-Raji, C.O., Umeh, E.C., Mustapha, S.O. and Adebiyi, A.I. (2016). Serological investigation of Akabane virus infection in cattle and sheep in Nigeria. *Advances in Virology*. Volume 2016, Article ID 2936082, 4 pages. <http://dx.doi.org/10.1155/2016/2936082>
69. Sule, W.F. and **Oluwayelu, D.O.** (2016). Analysis of *Culex* and *Aedes* mosquitoes in southwestern Nigeria revealed no West Nile virus activity. *Pan African Medical Journal* Vol. 23: 116. doi:10.11604/pamj.2016.23.116.7249
70. **Oluwayelu, D.O.** and Adebiyi, A.I. (2016). Plantibodies in human and animal health: a review. *African Health Sciences* Vol. 16. No. 2: 640-645.

71. Sule, W.F., **Oluwayelu, D.O.**, Adedokun, R.A.M. and Rufai, N. (2016). West Nile virus antibodies in horse grooms in Lagos and Ibadan, southwest Nigeria. *Alexandria Journal of Veterinary Sciences* Vol. 49. No. 2: 13-17.
72. Leopardi, S., **Oluwayelu, D.**, Meseke, C., Marciano, S., Tassoni, L., Bakarey, S., Monne, I., Cattoli, G. and De Benedictis, P. (2016). The close genetic relationship of lineage D Betacoronavirus from Nigerian and Kenyan straw-colored fruit bats (*Eidolon helvum*) is consistent with the existence of a single epidemiological unit across sub-Saharan Africa. *Virus Genes* Vol. 52. No. 4: 573-577.
73. Ayegbusi, T., Jegede, A.S., Aminu, K. and **Oluwayelu, D.O.** (2016). Perception and prevention practices against Ebola virus disease by bushmeat handlers in Ibadan, Nigeria. *African Journal of Biomedical Research* Vol. 19. No. 2: 81-88.
74. Daodu, O.B. and **Oluwayelu, D.O.** (2016). Rabies knowledge and pre-exposure vaccination status of clinical veterinary medicine students in Nigeria. *Vom Journal of Veterinary Science* Vol. 11: 117-125.
75. Sule, W.F. and **Oluwayelu, D.O.** (2016). Serologic Evidence of Exposure to West Nile Virus among Humans in Ibadan, Southwestern Nigeria. *Sudan Journal of Medical Sciences* Vol. 11, No.3.: 111-124.
76. Olatoye, I.O., **Oluwayelu, D.O.**, Adeseko, J.Y., Adebiyi, I.A. and Adeyemi, S.O. (2016). Evaluation of potency and efficacy of commercial brands of Newcastle disease vaccines in Nigeria. *American Journal of Experimental Agriculture* Vol. 13(3): 1-6.
77. Daodu, O., Amosun, E.A. and **Oluwayelu, D.O.** (2017). Antibiotic resistance profiling and microbiota of the upper respiratory tract of apparently healthy dogs in Ibadan, southwest Nigeria. *African Journal of Infectious Diseases* Vol. 11, No. 1: 1-11.
78. **Oluwayelu, D.O.**, Omolanwa, A., Adebiyi, A.I. and Aiki-Raji, C.O. (2017). Flock-based surveillance for low pathogenic avian influenza virus in commercial breeders and layers, Nigeria. *African Journal of Infectious Diseases* Vol. 11, No. 1: 44-49.
79. **Oluwayelu, D.**, Adebiyi, A., Abiola, J., Akingbola, T. and Cadmus, S. (2017). Serologic evidence of hepatitis E virus activity among slaughtered pigs and in selected pig farms in Ibadan, Nigeria: implications for zoonotic transmission? *Tropical Veterinarian* Vol. 35, No. 3: 91-100.
80. Olajiga, O.M., Adesoye, O.E., Emilolorun, A.P., Adeyemi, A.J., Adeyefa, E.O., Aderibigbe, I.A., Adejumo, S.A., Adebimpe, W.O., Opaleye, O.O., Sule, W.F. and **Oluwayelu, D.O.** (2017). Chikungunya virus seroprevalence and associated factors among hospital attendees in two states of southwest Nigeria: a preliminary assessment. *Immunological Investigations* Vol. 46, No. 6: 552-565.
81. Aiki-Raji, C.O., Adebiyi, A.I., Abiola, J.O. and **Oluwayelu, D.O.** (2017). Prevalence of porcine reproductive and respiratory syndrome virus and porcine parvovirus antibodies in commercial pigs, southwest Nigeria. *Beni-Suef University Journal of Basic and Applied Sciences*, <http://dx.doi.org/10.1016/j.bjbas.2017.07.006>
82. Shettima, Y.M., El-Yuguda, A.D., **Oluwayelu, D.O.**, Abubakar, M.B., Hamisu, T.M., Zanna, M.Y., Maina, M.M., Andrew, A. and Baba, S.S. (2017). Seroprevalence of chicken infectious anemia virus infection among some poultry species in Maiduguri, Nigeria. *Journal of Advanced Veterinary and Animal Research* Vol. 4, No 4: 385-389.

83. Adebiyi A.I. and **Oluwayelu, D.O.** (2017). Zoonotic fungal diseases and animal ownership in Nigeria. *Alexandria Journal of Medicine*, <https://doi.org/10.1016/j.ajme.2017.11.007>
84. **Oluwayelu, D.O.**, Wernike, K., Adebiyi, A., Cadmus, S. and Beer, M. (2018). Neutralizing antibodies against Simbu serogroup viruses in cattle and sheep, Nigeria, 2012–2014. *BMC Veterinary Research* 14:277 <https://doi.org/10.1186/s12917-018-1605-y>
85. Shettima, Y.M., El-Yuguda, A.D., **Oluwayelu, O.D.**, Abubakar, M.B., Zanna, M.Y., Hamisu, T.M., Maina, M.M., Baba, S.S. and Ali, A. (2018). Seroprevalence of infectious bursal disease virus antibodies in some species of poultry in Maiduguri, Nigeria. *Sokoto Journal of Veterinary Sciences*, Vol. 16, No. 1: 90-94.
86. Sule W.F., Adebimpe W.O., Opaleye O.O., **Oluwayelu D.O.**, Ogundahunsi D.D. and Adeyemi A.A. (2018). Dual hepatitis B and Epstein-Barr viral infections among new undergraduates in Osogbo, Osun State, Nigeria. *UNIOSUN Journal of Sciences* 3(2): 163-169.
87. Daodu O.B. and **Oluwayelu, D.O.** (2018). A review: Canine and feline influenza. *Alexandria Journal of Veterinary Sciences* Vol. 56, No. 1: 25-32.
88. Aiki-Raji, C.O., Adebiyi, A.I., **Oluwayelu, D.O.** (2018). A slaughterhouse survey for porcine circovirus type 2 in commercial pigs in Ibadan, southwest Nigeria. *Folia Veterinaria* Vol. 62, No. 2: 30-34.
89. **Oluwayelu, D.**, Adebiyi, A. and Tomori, O. (2018). Endemic and emerging arboviral diseases of livestock in Nigeria: a review. *Parasites and Vectors* 11:337 <https://doi.org/10.1186/s13071-018-2911-8>
90. Sule, W.F., **Oluwayelu, D.O.**, Hernández-Triana, L.M., Fooks, A.R., Venter, M. and Johnson, N. (2018). Epidemiology and ecology of West Nile virus in sub-Saharan Africa. *Parasites and Vectors* 11:414 <https://doi.org/10.1186/s13071-018-2998-y>
91. Oke, P.O., Samuel, O.M., Oke-Egbodo, B.E., Adejinmi, J.O., **Oluwayelu, D.O.** (2019). Wing vein shape signal in *Culicoides oxystoma* (Schultzei group) in Nigeria - Tool for discrimination (diptera: Ceratopogonidae) using geometric approach. *Zoologischer Anzeiger* 279: 26-37.
92. Sule, W.F., Toluwan O. Fadamitan, Omotayo A. Lawal, Wasiu O. Adebimpe, Oluyinka O. Opaleye, **Oluwayelu, D.O.** (2019). Probable primary and secondary dengue viral infections and associated host factors among university undergraduates in Osun State, Nigeria. *Alexandria Journal of Medicine* 55 (1): 25-30.
93. Daodu, O.B., Adebiyi A.I., **Oluwayelu, D.O.** (2019). Serological and molecular surveillance for influenza A virus in dogs and their human contacts in Oyo State, Nigeria. *Tropical Biomedicine* 36(4): 1054–1060.
94. Adebiyi, A.I., Tregaskis, P.L., **Oluwayelu, D.O.** and Smyth, V.J. (2019). Investigation of enteric viruses associated with runting and stunting in day-old chicks and older broilers in southwest Nigeria. *Front. Vet. Sci.* 6: 239. doi: 10.3389/fvets.2019.00239.

95. Oluwayelu, D., Afrough, B., Adebiyi, A., Varghese, A., Eun-Sil, P., Fukushi, S., Yoshikawa, T., Saijo, M., Neumann, E., Morikawa, S., Hewson, R., Tomori, O. (2020). Prevalence of antibodies to Crimean-Congo hemorrhagic fever virus in ruminants, Nigeria, 2015. *Emerging Infectious Diseases* 26 (4): 744-747. <https://doi.org/10.3201/eid2604.190354>.
96. Oluwayelu, D.O., Meseko, C.A., Ayinmode, A.B., Adebiyi, A.I., Lawani, M.A., Kakulu, F.O. (2020). Re-emergence of highly pathogenic avian influenza H5N1 in Nigeria, 2014-2016: role of social network and value chain forces in interstate transmission. *Virologica Sinica* 35(4): 494-498.
97. Sule, W.F., Oluwayelu, D.O. (2020). Real-time RT-PCR for COVID-19 diagnosis: challenges and prospects. *Pan African Medical Journal* 35 (2): 121. doi: 10.11604/pamj.supp.2020.35.2.24258
98. Bakre A.A., Oladele O.A., Oluwayelu D.O., Esan O.O. (2020). Serological survey for avian metapneumovirus in commercial chickens from different climatic zones in Nigeria. *Journal of Veterinary Medicine and Animal Health* 12 (3): 110-115.
99. Adebiyi, A.I., Oluwayelu, D.O., Smyth, VJ. (2021). Serodetection of astroviruses in runted commercial broilers and turkeys in southwest Nigeria. *Veterinary Research Communications* 45: 41–45. doi: 10.1007/s11259-020-09786-9
100. Daodu O.B., Shaibu, J.O., Richards, A.B., Folaranmi, E.B., Adegoke, S., Ajadi, A., Olorunshola, I.D., Akanbi, O.B., Afolabi, A.A., Daodu, O.C., Aiyedun, J.O., Oludairo, O.O., Halleed, N.I., Audu, R.A., Oluwayelu, D.O. (2021). Detection and molecular characterization of a first isolate of rabbit haemorrhagic disease virus in Nigeria. *Tropical Animal Health and Production* 53: 185 <https://doi.org/10.1007/s11250-021-02606-5>
101. Osamudiamen, F.T., Akanbi, O.A., Oluwayelu, D.O., Bock, C-T., Klink, P. (2021). Serological evidence of avian HEV antibodies in apparently healthy chickens in Southwest Nigeria. *PLoS ONE* 16(2): e0247889. <https://doi.org/10.1371/journal.pone.0247889>.
102. Arowolo, O.A., George, U.E., Luka, P.D., Maurice, N.A., Atuman, Y.J., Shallmizhili, J.J., Shittu, I., Oluwayelu, D.O. (2021). Infectious bursal disease in Nigeria: continuous circulation of reassortant viruses. *Tropical Animal Health and Production* 53: 271. <https://doi.org/10.1007/s11250-021-02719-x>
103. Adebiyi, A.I., Mcilwaine, K., Oluwayelu, D.O., Smyth, VJ. (2021). Detection and characterization of a chicken astrovirus associated with hatchery disease in commercial day-old turkeys in southwestern Nigeria. *Archives of Virology* 166:1607–1614. <https://doi.org/10.1007/s00705-021-05034-w>
104. Osamudiamen, F.T., Akanbi, O.A., Zander, S., Oluwayelu, D.O., Bock, C.-T. and Klink, P. (2021). Identification of a putative novel genotype of avian hepatitis E virus from apparently healthy chickens in southwestern Nigeria. *Viruses* 13(6): 954. <https://doi.org/10.3390/v13060954>
105. Hartlaub, J., Daodu, O.B., Sadeghi, B., Keller, M., Olopade, J., Oluwayelu, D., and Groschup, M.H. (2021). Cross-reaction or Co-infection? Serological discrimination of antibodies directed against Dugbe and Crimean-Congo hemorrhagic fever orthonaivirus in Nigerian cattle. *Viruses* 13: 1398. <https://doi.org/10.3390/v13071398>

106. Daodu, O.B., Eisenbarth, A., Schulz, A., Hartlaub J., Olopade, J.O., **Oluwayelu, D.O.**, Groschup, M.H. (2021). Molecular detection of dugbe orthonaïrovirus in cattle and their infesting ticks (*Amblyomma* and *Rhipicephalus (Boophilus)*) in Nigeria. *PLOS Neglected Tropical Diseases* 15(11): e0009905. <https://doi.org/10.1371/journal.pntd.0009905>
107. Adebiyi, A.I., Gamra, O., Jubril, A., **Oluwayelu, D.O.** (2022). Serological investigation of low pathogenic avian influenza and Newcastle disease virus antibodies in Japanese quails, 30 village weavers and one laughing dove in two states of Nigeria. *Bulletin of the National Research Centre* 46: 25 <https://doi.org/10.1186/s42269-022-00710-6>
108. Adeoye, F., Kolapo, A., Ogunmolawa, O., Aluko, A., Meseko, C., **Oluwayelu, D.O.** (2022). Molecular detection of peste des petits ruminants virus (PPRV) in goats and sheep in Ibadan, Oyo State, Nigeria. *Veterinaria Italiana* 58(4): 405-413. <https://doi.org/10.12834/VetIt.2558.15754.1>
109. Oragwa, A.O., Oragwa, F.C., **Oluwayelu, D.O.** (2022). Serologic evidence of silent Rift Valley fever virus infection among occupationally exposed persons in northern Nigeria. *Journal of Infection in Developing Countries* 16(5): 881-888. doi: 10.3855/jidc.15367
110. Oyadeyi, O.A., Jegede, A.S., **Oluwayelu, D.O.**, Osayomi, T., Salami, K.K. (2022). Exposure to Avian Influenza in poultry farms and access to Veterinary Healthcare Services in Nigeria and Ghana. *Nigerian Journal of Parasitology* 43(2): 369-380. <https://dx.doi.org/10.4314/njpar.v43i2.20>
111. Workineh, D., Bitew, M., **Oluwayelu, D.**, Getachew, B., Abayneh, T., Gelaye, E., Mohammed, H., Fikru, T., Birhan, M., Dessalegn, B., Deresse, G., Adamu, K., Ibrahim, S.M. (2022). Comparative Safety, Immunogenicity, and Efficacy of CEF Cell-Based and DF-1 Cell Line Adapted Infectious Bursal Disease Vaccines in Specific-Pathogen-Free Chickens. *Journal of Immunology Research*, vol. 2022, Article ID 5392033, 10 pages. <https://doi.org/10.1155/2022/5392033>
112. Daodu, O., Oludairo, O., Akanbi, O., Olorunshola, I., Daodu, O., Aiyyedun, J., Meseko, C., **Oluwayelu, D.** (2023). First rabbit haemorrhagic disease outbreak in Nigeria: implications for the growing rabbit production industry. *Mansoura Veterinary Medical Journal*. <https://doi.org/10.21608/mvmj.2023.187913.1132>
113. Tomori, O., **Oluwayelu, D.O.** (2023). Domestic Animals as Potential Reservoirs of Zoonotic Viral Diseases. *Annual Review of Animal Biosciences*. 11: 3.1–3.23 <https://doi.org/10.1146/annurev-animal-062922-060125>
114. **Oluwayelu, D.O.**, Moutailler, S., Odemuyiwa, S.O. (2023). Tick-borne viruses of domestic livestock: epidemiology, evolutionary trends, biology and climate change impact. *Frontiers in Veterinary Science* 10:1147770. doi: 10.3389/fvets.2023.1147770.
115. Adesiji, Y.O., **Oluwayelu, D.O.**, Aiyyedun, J.O. (2023). Prevalence and risk factors associated with canine dermatophytoses among dogs in Kwara and Osun States, Nigeria. *African Journal of Clinical and Experimental Microbiology* 24(2): 195-203.
116. Daodu, O.B., Shaibu, J.O., Aderounmu, E.A., Jolaoso, T.O., **Oluwayelu, D.O.**, Akanbi, O.B., Olorunshola, I.D., Aiyyedun, J.O., Oludairo, O.O., Audu, R.A., Daodu, O.C. (2023). Seromolecular surveillance of rabbit haemorrhagic disease virus in Nigeria. *Tropical Animal Health and Production* 55(5): 327. doi: 10.1007/s11250-023-03753-7.

117. Oragwa, A.O., Obisakin, E.T., **Oluwayelu, D.O.** (2023). Molecular detection and characterization of Rift Valley fever virus in humans and domestic ruminants in Nigeria. *The Microbe* 1: 100016.
118. Cadmus S, Taiwo OJ, Akinseye V, Cadmus E, Famokun G, Fagbemi S, Ansumana R, Omoluabi A, Ayinmode A, **Oluwayelu D**, Odemuyiwa S, Tomori O. (2023). Ecological correlates and predictors of Lassa fever incidence in Ondo state, Nigeria 2017 - 2021: an emerging urban trend. *Scientific Reports* 13: 20855. <https://doi.org/10.1038/s41598-023-47820-3>
119. Adeleke, R., Olanipekun, T., Abiola, J., Aluko, A., Sule, W., **Oluwayelu, D.** (2023). Serological Investigation of Japanese Encephalitis Virus Infection in Commercially Reared Pigs, Southwestern Nigeria. *Veterinaria Italiana*, 59(4). <https://doi.org/10.12834/VetIt.3021.20221.2>
120. **Oluwayelu DO**, Desario C, Babalola ET, Pratelli A, Daodu OB, Elia G, Odemuyiwa SO, Buonavoglia C, Decaro N, Diakoudi G. (2024). Genetic characterization of parvoviruses identified in stray cats in Nigeria. *Acta Tropica*, 250: 107108. <https://doi.org/10.1016/j.actatropica.2023.107108>
121. Cadmus S, Akinseye V, Besong M, Olanipekun T, Fadele J, Cadmus E, Ansumana R, **Oluwayelu D.**, Odemuyiwa SO, Tomori O. (2024). Dynamics of Mpox infection in Nigeria: a systematic review and meta-analysis. *Sci Rep.* 14(1): 7368. doi: 10.1038/s41598-024-58147-y.
122. Daodu OB, Shaibu JO, Audu RA, **Oluwayelu D.O.** (2024). Seromolecular survey and risk factor analysis of Crimean-Congo haemorrhagic fever orthonaivovirus in occupationally exposed herdsmen and unexposed febrile patients in Kwara State, Nigeria. *PLoS One* 19(5): e0303099. doi: 10.1371/journal.pone.0303099.
123. Oluwafemi Babatunde Daodu, Julia Hartlaub, James Olukayode Olopade, Daniel Oladimeji Oluwayelu, Grosschup, M.H. (2024). Serological Evidence of Co-circulation and Endemicity of Crimean-Congo Haemorrhagic fever and Dugbe Orthonaivoviruses Among Cattle in Kwara State, North-central Nigeria. *PLoS Neglected Tropical Diseases* (in press).
124. Simeon Cadmus, Victor Akinseye, Eniola Cadmus, Gboyega Famokun, Stephen Fagbemi, Gabriel Ogunde, Ayuba Philip, Rashid Ansumana, Adekunle Ayinmode, Taiwo Olalekan, **Daniel O. Oluwayelu**, Oyewale Tomori, Solomon O. Odemuyiwa (2024). Epidemiological insight into the possible drivers of Lassa fever in an endemic area of Southwestern Nigeria from 2017 and 2021. *PLoS Neglected Tropical Diseases* (manuscript under review).
125. Cadmus, S., Awosanya, E.J., Adesokan, H.K., Ogundimu, T., Uguomore, F., Ajuwon, O., **Oluwayelu, D.**, Akinseye, V., Nguku, P. (2024). Risk Mapping and Mitigation Strategies for Combating Anthrax in Nigeria. *IJID One Health* (manuscript under review).