

1. **Name and status:** Dr. (Mrs.) Oluwayinka Eniope B., (DVM, MVSc., PhD)-Lecturer 1
2. **Profile:** Biological agents, like vaccines, probiotics and prebiotics are so important in preventing and controlling Avian diseases. Dr. Oluwayinka studies the quality of vaccines available for use in poultry production in Nigeria, biological alternatives in Avian disease control and; development and evaluation of alternative recombinant avian disease vaccines candidates. These studies are crucial to better protecting avians from disease outbreaks by improving their immune responses. Dr. Oluwayinka uses several invitro and invivo approaches to carry out such studies including Haemagglutination inhibition test, virus isolation and propagation, Cell/tissue cultures e.g. chicken embryo fibroblast (CEF), duck embryo fibroblast, DF 1 cell lines, T lymphoblastoid cell line Transfection, Cloning of genes, Gene mutagenesis- gene deletion and insertion, Flow cytometry and florescent- activated cell sorting (FACS), Immunohistochemistry (IHC), Immunoflorescent assay (IFA), Polymerase chain reaction (PCR) with gel electrophoresis, Reverse transcriptase PCR (RT-PCR), Quantitative PCR (qPCR), Pyrosquencing, Sanger sequencing, Next generation sequencing, Phylogenetic analysis and animal testings.
3. **Official email:** jacobseb@funaab.edu.ng
4. **E COPY OF UPDATED CV**

Academic and Professional Qualifications

Doctor of Philosophy, PhD., Avian medicine, (2021), Federal University of Agriculture Abeokuta, Ogun State, Nigeria

Master in Veterinary Science, MVSc., Avian medicine, (2012), Federal University of Agriculture Abeokuta, Ogun State, Nigeria

Doctor of Veterinary Medicine, DVM, (2009), Federal University of Agriculture Abeokuta, Ogun State, Nigeria

Prizes, Honours, National and International Recognition

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| NEEDS Assessment Intervention Fund (NAIF) | 2016 |
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University Teaching and Research Experience

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| Lecturer I, Department of Veterinary Medicine, FUNAAB | 2016 to date |
| Lecturer II, Department of Veterinary Medicine, FUNAAB | 2012 to 2016 |
| Veterinary Research Assistant, Department of Veterinary Medicine, FUNAAB | 2010 to 2012 |

Professional Experience

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| Registrar, Veterinary Teaching Hospital | 2010 to date |
| Veterinarian Officer, National Youth Service Corp (NYSC) Farm, Egor LGA, Benin-city, Edo State | 2009 to 2010 |
| Veterinary Officer, Faculty of Agricultural Science Animal farm University of Benin, Edo State | 2009 to 2010 |

Research Interests

- Development and evaluation of alternative biological agents like vaccines, probiotics and prebiotics against economically important Avian diseases
- Molecular surveillance of emerging avian diseases
- Evaluation of the pharmacological activities of some medicinal plants on Avian diseases.

PUBLICATIONS

Oni O. O., **Oluwayinka E. B.**, Bankole N., and Aroyehun T. (2021): Avian Leukosis Virus in Hatchable eggs of Commercial and Free-Range Chickens. *Tanzania Veterinary Journal* 35(2), pp. 28-30, Published by African Journals Online. Available online at <https://www.ajol.info/index.php/tvj/article/view/205761>

Oluwayinka, E. B., Oni, O. O. and Odeyemi, A. A. (2020): Evaluation of the Potency of Newcastle Disease Vaccines from Veterinary Outlets in Abeokuta, Ogun State, Nigeria. *Science World Journal*, 15 (2): 26 – 29. ISSN 1597-6343, Published by Faculty of Science, Kaduna State University (Nigeria). Available online at <https://www.ajol.info/index.php/swj/article/view/202941>

Oluwayinka, E. B., Oni O. O., Biobaku, N. A., Kadri, O. Y. Omoshaba, E. O., Adewole O. A. and Oluwayinka, O. G. (2020): Persistence of Passive Immunity against Some Important Viral Diseases and Feed Conversion in Chickens Fed Diet Supplemented with Probiotic. *Nigerian Journal of Animal Production*, 47(4):83 – 91, Published by The Nigerian Society for Animal Production (Nigeria)

Oluwayinka, E. B., Okunuga, F. S., Oni, O. O., Olukunle, J. O., Akinkuotu, O. A. and Oluwayinka, O. G. (2017): Activities of Aqueous Extracts of Soursop (*Annona muricata*) Leaves on Immune Response, Haematology and Serum Biochemistry of Broiler Chickens. *Nigerian Journal of Animal Production*, 44(3):110 – 116, Published by The Nigerian Society for Animal Production (Nigeria). Available online at: <https://njap.org.ng/index.php/njap/article/view/744>

Oni, O.O., A.O. Sonibare, A. A. Owoade, and **E. B. Jacobs** (2017): Detection and Serotyping of Mareks Disease Virus in Diseased Chickens in Abeokuta. *Journal of Natural Science, Engineering and Technology*, 16(1): 63-69, Published by Federal University of Agriculture Abeokuta, (Nigeria).

Mshelbwala F. M., Azeez A. A., Kadiri A. K. F., Ibrahim N., Naallah, S. S., **Oluwayinka E. B.**, Awoyomi O. J., Kwanashie C., (2017): Prevalence of Salmonellosis among Chickens in Commercial Poultry Farms in Lagos, Ogun and Oyo States, Nigeria. *Nigeria Poultry Science Journal*, 13: 9-18, Published by The World Poultry Science Association Nigeria Branch (Nigeria)

Odutayo, O. J., Sogunle, O. M., Adeyemi, O. A., Sonibare, A. O., **Oluwayinka, E. B.**, Ekunseitan, D. A. and Safiyu, K. K. (2016): Effects of Dietary Supplemental Vitamins and Periods of Administration on Growth Performance and Antibody Titre of Broiler Chickens

Vaccinated against Newcastle Disease. *Malaysian Society of Animal Production*, 19(2): 47-56, Published by Malaysian Society of Animal Production (Malaysia). Available online at: <https://mjas.my/mjas-v2/rf/pages/allpapers.html>

Oke, O. E., Adejuyigbe, A. E., Idowu, O. P., Sogunle, O. M., Ladokun, A. O., Oso, A. O., Abioja, M. O., Abiona, J.A., Daramola, J. O., Whetto, M., **Jacobs, E. B.**, Williams, T. J. and Njoku, C. P. (2015): Effects of Housing Systems on Reproductive and Physiological Response of Guinea Fowl (*Numida meleagris*). *Journal of Applied Animal Science*, 8(1): 47-55, Published by Research Articles, Faculty of Veterinary Science, Mahidol University (Thailand). Available online at: <https://vs.mahidol.ac.th/jaas/vol8no1.php>

Akinkuotu, O.A., **Jacobs, E.B.** and Egbetade, A.O. (2015): Prevalence of Strongylids of Pigs in Ogun State, southwest Nigeria. *Nigerian Journal of Animal Production*. 42(1): 213-217, Published by The Nigerian Society for Animal Production (Nigeria). Available online at: <http://www.ajol.info/index.php/njap/article/view/116858>

Olukunle, J. O., **Jacobs, E. B.**, Adeleye, O. E., Oyewusi, J. A., Adenubi, J. A. and Durotoye, L. A. (2015): Effects of Aqueous Leaf Extract of *Acalypha wilkisia* on Semen Morphology and Characteristics in Male Wistar Albino Rats. *Nigerian Journal of Animal Science*, 46 (2): 162-168. DOI: 10.51791/njap.v46i2.8, Published by Animal Science Association of Nigeria (Nigeria). Available online at: <https://www.ajol.info/index.php/njap/article/view/193960>.

Olukunle, J. O., **Jacobs, E. B.**, Oyewusi, J. A., Durotoye, L. A. and Adeleye, O. E. (2015): Effects of Aqueous Leaf Extract of *Tithonia diversifolia* (Mexican Sunflower) on Semen Morphology and Characteristics in Male Wistar Albino Rats. *Nigerian Journal of Animal Production*, 42(2): 263- 270, Published by The Nigerian Society for Animal Production (Nigeria). Available online at: <https://www.ajol.info/index.php/njap/article/view/134241>

Jacobs, E. B. A.A. Owoade, M.A. Oyekunle, A.O. Talabi, O.O. Oni (2014): Evaluation of Maternally-Derived Antibodies against Newcastle Disease Virus in Day-Old Chicks in Abeokuta, Ogun State. *Journal of Agricultural Science and Environment*, 14:118 -123, Published by Federal University of Agriculture Abeokuta, (Nigeria).

Olukunle, J. O., **Jacobs, E. B.**, Ajayi, O. L., Biobaku, K. T. and Abatan, M. O. (2014): Toxicological Evaluation of the Aqueous Extract of *Acalypha wilkesiana* in Wistar Albino Rats. *Journal of Complementary and Integrated Medicine*, 12(1):53-56, Published by De Gruyter (China). Available online at <http://www.ncbi.nlm.nih.gov/pubmed/25390027> (Listed in Scopus)

Akinkuotu, O.A., Fagbemi, B.O., **Jacobs, E. B.**, Oseni, S.O. and Adeyanju, J. (2014): Prevalence of *Cryptosporidium parvum* in sheep in Abeokuta, Ogun state, Nigeria. *Nigerian Journal of Animal Production*, 41(2): 196-201, Published by The Nigerian Society for Animal Production (Nigeria).

Olukunle, J. O., **Jacobs, E. B.**, Oyewusi, J. A., Durotoye, L. A. and Adeleye, O. E. (2013): Hypoglycemic and hypolipidemia effects of *Acalypha wilkesiana* in Alloxan- induced diabetic rats. *Tropical Veterinarian*, 31 (4). eISSN: 0794-4845, Published by The Faculty of Veterinary Medicine, University of Ibadan, Nigeria

Olukunle, J.O., Ajayi, O.L., Adenubi, O.T., **Jacobs, E.B.**, Okediran, B.S. and Akinkuotu, O.A. (2012): Evaluation of the toxic effect of aqueous extract of the bark of *Morinda morindoides* in male Wistar rats. *Nigerian Journal of Animal Production*, 39(2): 163-171, Published by The Nigerian Society for Animal Production (Nigeria). Available online at <http://www.ajol.info/index.php/njap/article/view/117156>

Olukunle, J. O., Abatan, M. O., Sonibare, O. T., Takeet, M. I., Idowu, O. A., Akande, F. A., Biobaku, K. T. and **Jacobs, E. B.** (2010): Invivo antitrypanosomal evaluation of five medicinal plant extracts from Ogun State, Nigeria. *Science World Journal*, 5 (1): 17-19, ISSN 1597 – 6343, Published by Faculty of Science, Kaduna State University (Nigeria). Available online at <http://www.scienceworldjournal.org> > *Home > Vol 5, No 1 (2010)*

5. Portrait Photograph