COMPLETED RESEARCH:

1. Ajani, O. S., **Osunkoya, D.**, Akinniyi, O. O., 2025: Morphometric changes in male reproductive organs of wistar rats following combined melatonin and Bisphenol-A tretament. Folia Veterinaria, 69, 1, 17-24.
2. **Osunkoya, D.**, Anifowose, O., Omosekeji, L., Akinniyi, O., Onaja, M., Olakojo, T., … Ajala, O. (2025). Characterization and antimicrobial resistance of vaginal microbiota in mares from Lagos and Oyo States, Nigeria. *Veterinaria*, *74*(2), 179–190. https://doi.org/10.51607/22331360.2025.74.2.179
3. Taiwo, A. O., **Osunkoya, D.,** Ajani, O. S., Ajayi, T. A., & Oyeyemi, M. O. (2025). Mammary gland adenocarcinoma in an adult Dogo Argentino bitch: a case study. *Animal Research International*, *22*(1), 5931
4. Ogundipe, T. T., Akinjiola, A. M., Samuel, E. S., **Osunkoya, D.,** Famakinde, S. A., Leigh, O. O.., & Ajala, O. O. (2025). Determination of porcine foetal age using foetal biometric indices. *Animal Research International*, *22*(1), 5975
5. **Osunkoya, D.,** Agbugba, L. C., Bolaji, O. F., Ajala, O. O. and Oyeyemi, M. O. Post parturient uterine prolapse in a Yankassa ewe presented to the Veterinary Teaching Hospital, University of Ibadan, Ibadan. Tropical Vet 43 (1) Pages 59 – 64, 2025. https://ojshostng.com/index.php/TropicalVet/article/view/4038 (Nigeria)
6. Olumide Odunayo AKINNIYI, Dorcas Oluwadara AFOLABI, Philip Wayuta MSHELIA, Tolulope Ademola OLAKOJO, Iskiil Oladehinde OYENEKAN, Osereime ADAH, **Dideolu OSUNKOYA**, Sunday Charles OLAOGUN, Olalekan Taiwo JEREMIAH and Temidayo Olutayo OMOBOWALE., 2026: Comparative study of dental age estimation methods against known chronological age in Nigerian local horses. *J. Equine Sci.,* Vol. 37, No. 1, Pages. 9–20.
7. **Dideolu Osunkoya,** Foluke Olajumoke Jemilehin, Enoch Jesutobi Adetoyan, Oluwatoyin Oluwasola Ajala: Bacterial Causes of Neonatal Mortality in Sheep: A Review. *Folia Veterinaria,* 70, 1: 19—32.
8. ALABI, Foluso Bolawaye, FABIYI, Babatola Olayinka, **OSUNKOYA, Dideolu**, OBAFEMI, Oluropo Michael, ADEDIRAN, Shakirat Omolara and OYEYEMI, Matthew Olugbenga., 2026: Caesarean Section Following Prolonged Dystocia and Vaginal

Prolapse in a Two-Year-Old Ouda Ewe: A Case Report: *Animal Research International*, 23(2): 7017 – 7021.

CURRENT RESEARCH IN PROGRESS:

- **Integrative Evaluation of Vulva and Vagina Microbiota in Animals using Culture-Based and Molecular Approaches:**
  This study is designed to investigate bacterial migration and colonization in the female reproductive tracts of animals in Nigeria.
- **Investigation of the Potential Protective Effects of Synthetic Antioxidants on Plastic-Associated Chemicals Exposure in the gonads of Female Wistar Rats:**
  This study is designed to investigate the protective effect of synthetic antioxidants on Plastic-Associated Chemicals (PACs) exposed female wistar rats.
- **Field investigation into causes of Neonatal Mortality in Large and Small Animals:**
  This study is designed to investigate the causes of neonatal mortality in domestic animals using various clinical, cellular, and molecular techniques.