LIST OF PUBLICATIONS

1. Samuel, E., Ajisope, E., Olabintan, O., Olugbenga, I. (2026). Attenuation of vincristine-induced genotoxicity and histological derangements by *Tridax procumbens* leaf extract in male Wistar rats. *The Journal of Basic and Applied Zoology*. 87(70). https://doi.org/10.1186/s41936-026-00608-z.
2. Samuel, E. Eggleston, I., Tosh, D., Odunola, O. (2026). *Tridax procumbens* promotes apoptosis and suppresses markers of proliferation, growth, and metastasis in pancreatic ductal adenocarcinoma cells and embryonic mouse explants. *BMC Complementary Medicine and Therapies.* 26:182. https://doi.org/10.1186/s12906-026-05335-0.
3. Samuel, E., Ajisope, E., Olabintan, O., Jarikre, T., Adewale, O., Ajala, O., Ola-Davies, O. and Odunola. O. (2026). *Tridax procumbens* leaf extract mitigated vincristine-induced organ pathology and oxidative imbalances in Wistar rats. *Istanus Journal on Applied Biological Sciences.* 2(1):e2. https://doi.org/10.64012/istanusjabs.2026.2.1.e2.
4. AdeyeOluwa, T.E., Samuel, E.S., Olaifa, O.S., Abdulahi, A.Y. and Nwuba, R.I. (2026). Anti-toxic effect of *Abelmoschus esculentus* leaf diet on monosodium glutamate-induced organ dysfunctions and genotoxicity. *Sahel J. Vet. Sci.* 23(1):9-15. https://doi.org/10.54058/2zka4805.
5. Sodeinde, I.M., Samuel, E.S., Ola-Davies, O.P. and Ola-Davies, O. E. (2025). Protocatechuic acid rescues cyclophosphamide mediated-oxidative stress in Wistar rats. *Bulgarian Journal of Veterinary Medicine*. https://doi.org/10.15547/bjvm.2025-0044.
6. Ajani, O.S. and Samuel, E.S. (2025). Melatonin mitigates dichlorvos-induced derangements in the testes and epididymis of male Wistar rats. *Anim Reprod*. 22(4): e20240098. https://doi.org/10.1590/1984-3143-AR2024-0098.
7. Samuel, E., Adamson, O., Famoyegun, J., Oyebanji V. (2025). Prostate-Specific Antigen levels among Men living in a Rural Community in Kogi state, Nigeria. *Western Nigeria Journal of Medical Sciences*. 8(2): 172-177. https://dx.doi.org/10.4314/wnjms.v8i2.5.
8. Olaifa, O.S., Samuel, E. S., Antia, R. E., Usman, A. A., Ajayi, J. O., Ola, O. O., Akanbi, O. B., Tiamiyu, O., Ogunbule, A. E., Jarikre, T. A. (2025). A case report of a fibroepithelial polyp (acrochordon) in a Boerboel dog. *Journal of Veterinary and Applied Sciences*. 15 (2): 1165-1172.

9. Samuel, E.S., Ojetola, T., Adejumobi, O.A., Esan, O.O., Ajani, T., Adah, O., Ajibade, T.O., Igado, O.O., Ake, A.S., Ohore, O.G., Badejo, J.A., Oyagbemi, A.A., Yakubu, M.A., Omobowale, T.O. (2025). *Polyalthia longifolia* ameliorates isoprenaline-induced myocardial toxicity via markers of oxidative stress and inflammation in Wistar rats. *Sahel Journal of Veterinary Sciences*. 22(3):14-22. https://doi.org/10.54058/vkxwp365.
10. Samuel, E.S., Ajisope, E.I, Tuase, I.E., Alabi, A.J., Adeaga, E.A., Olugasa, B.O. and Ola-Davies, O.E. (2025). Cross sectional survey of the awareness, knowledge and perception of veterinarians about cancers in animals, their occurrence in Nigeria and associated risk factors. *Journal of Veterinary and Applied Sciences*. 15(2):1084-1098.
11. Adejumobi O. A., Samuel, E.S., Omotosho, O.O., Gbadegoye, J.O., Ajani, T.F., Balogun, O.F., Oyagbemi, A.A., Adedapo, A.A., Yakubu, M.A., Ashafa, A.O.T., Nottidge, H.O., Omobowale T.O. (2025). *Persea americana* leaf extracts demonstrates enviable *in vitro* antioxidant, anti-inflammatory and antihypertensive properties. *IOSR Journal of Pharmacy and Biological Sciences*. 20(4): 07-14. doi:10.9790/ 3008-2004010714.
12. Ajani, O.S., Olukole, S.G., Oyeyemi, M.O., Samuel, E.S. (2025). Melatonin protects rats against bisphenol A-induced testicular dysfunction through the upregulation of alpha-smooth muscle actin, vimentin, and s-100 proteins. *Cluj Veterinary Journal*. 30(2): 9-25. https://doi.org/10.52331/v30i2512.
13. Samuel, E.S. and Oyebanji, B. O. (2025). Suspected Marek's disease in Japanese quail (*Coturnix coturnix japonica*): A case report. *Animal Research International*. 22(2): 6325-6330.
14. Sanusi, F., Olaifa, O.S., Usman, A.A., Samuel, E.S., Ariyibi, A., Tiamiyu, B.K., Zubairu, A.S. and Akanbi, O.B. (2025). Pathological diagnosis and surgical management of oral squamous cell carcinoma in an 8-year-old German shepherd dog: A case report. *Animal Research International.* 22(2): 6274-6280. https://www.ajol.info/index.php/ari/article/view/305169.
15. Oparinde, O., Samuel, E., Oladipupo, A., Ajala, O. (2025). Fetal characteristics of slaughtered pregnant cows at different stages of gestation at the Ibadan Central Abattoir. *Tropical Vet*. 43(1): 1-11.

16. Akinrinde, A.S., Adeoye, B.O., Samuel, E.S. and Mustapha, O.A. (2025). Protective effect of cholecalciferol against cobalt-induced neurotoxicity in rats: ZO-1/iFABP, ChAT/AchE and antioxidant pathways as potential therapeutic targets. *Biol Trace Elem Res*. 203(3):1555-1570. https://doi.org/10.1007/s12011-024-04258-6.
17. Ogundipe, T.T., Akinjiola, A.M., Samuel, E.S., Osunkoya, D., Famakinde, S.A., Leigh, O.O. and Ajala, O.O. (2025). Determination of porcine foetal age using foetal biometric indices. *Animal Research International*. 22(1):5975-5981. https://oaji.net/articles/2023/801-1739913027.pdf.
18. Samuel, E.S., Olopade, J.O., Gbadegesin, M.A. and Odunola, O.A. (2024). Sodium arsenite-mediated cellular dysfunctions in rats; modulation by leaf extract of *Tridax procumbens*. *Comp Clin Pathol*. 33:961-970. https://doi.org/10.1007/s00580-024-03618-x).
19. Akinrinde, A.S., Samuel, E.S. and Adeoye, B.O. (2024). Dose-dependent effects of cobalt chloride supplementation in a rat model of acetic acid-induced ulcerative colitis. Comparative Clinical Pathology. *Comp Clin Pathol*. 33:705-717. https://doi.org/10.1007/s00580-024-03586-2.
20. Adewale, O., Samuel, E.S., Gbadegesin, M.A., Owumi, S. and Odunola, O. (2022). Ethanol extract of *Basella alba Linn.* modulates acrylamide-induced oxidative stress in Wistar rats. *Journal of Microbiology, Biotechnology and Food Sciences* 11.5: e1837. https://doi.org/10.55251/jmbfs.1837.
21. Okediran, B.S., Olatunde, O.A., Oladesu, K.O. and Samuel, E.S. (2020). Responses of male albino rats under stress of mixed pyrethroids. *Artech Journal of Innovative Research of Animal Veterinary Sciences*. 1(1): 1-7.
22. Ola-Davies, O.E., Ajibade, T.O, Samuel, E.S. and Adedokun, R.A.M. (2019). Cytoprotective potential of *Spondias mombin* fractions on sodium arsenite-induced haematological, biochemical and genotoxic perturbations in rats. *African Journal Biomedical Research* 22: 315-323.
23. Adewale, O.O., Samuel, E.S., Manubolu, M. and Pathakoti, K. (2019). Curcumin protects sodium nitrite-induced hepatotoxicity in Wistar rats. *Toxicology Report*. 6: 1006-1011. https://doi.org/10.1016/j.toxrep.2019.09.003.

24. Adewale, O.O., Adetuyi, O.A. and Samuel, E.S. (2019). Fresh juice of *Telfairia occidentalis* modulates some biochemical and hematological markers in Wistar rats exposed to lead acetate. *Nigerian Research Journal of Chemical Sciences*. 7: 226-238.
25. Samuel, E.S. and Adewale, O.O. (2019). Alterations in some vital tissues of male Wistar rats exposed individually or simultaneously to lead acetate and sodium arsenite. *Nigerian Research Journal of Chemical Sciences.* 7: 168-182.
26. Adewale, O.O., Samuel, E.S., Oluwuyi, O.O. and Akomolafe, S.F. (2018). Co-exposure of lead acetate and sodium arsenite causes alteration in the markers of liver and kidney functions in male Wistar rats, *Journal of Chemical, Environmental and Biological Engineering*. 2(1): 32-39. https://doi.org/10.11648/j.jcebe.20180201.16.
27. Ajala, O.O., Abiola, J.O., Ojomo, T.O., Akinjiola, A. and Samuel, E.S. (2018). Comparative and seasonal variation in some reproductive parameters in Pigs of mixed breeds. *Tropical Vet*., 36(1): 65-75.
28. Samuel, E.S., Gbadegesin, M.A., Owumi, S.E. and Odunola, O.A. (2017). Sodium arsenite-induced reproductive toxicities in male Wistar rats: role of *Tridax procumbens* leaf extract. *Bull. Anim. Hlth. Prod. Afr.*, 65 (3): 501-508. https://www.ajol.info/index.php/bahpa/article/view/167654.
29. Olatunji-Akioye, A., Ojiaka, H.N. and Samuel, E.S. (2017). Xylazine-ketamine anesthesia; comparative studies in male and female cane rats (*Thryonomys swinderianus*). *Int J Pharm Pharm Sci*; 9 (1): 52-55. https://doi.org/10.22159/ijpps.2017v9i1.12140.
30. Ajala, O.O., Abiola, J.O., Akinjiola, A., Ojomo, T.O. and Samuel, E.S. (2016). Stages of gestation in mixed breed Sows: Haematological and serum biochemical parameters. *Journal of Reproduction and Infertility*, 7 (3): 75-80. https://doi.org/10.5829/idosi.jri.2016.7.3.104100.
31. Ola-Davies, O.E., Ajani, O.S, Oyeyemi, M.O. and Samuel, E.S. (2014). Testicular and epididymal parameters of *Spondias mombin* L. (Anacardiaceae) protected male Wistar rats exposed to sodium arsenite. *Global Veterinaria* 12 (2): 232-236. https://doi.org/10.5829/idosi.gv.2014.12.02.81272.