

CURRICULUM VITAE

A. GENERAL INFORMATION

1. **Full Name:** Oyeyemi, Adekunle Wahab
2. **Date and Place of Birth:** 12th February, 1980, Offa.
3. **Gender:** Male
4. **Nationality:** Nigerian
5. **State of Origin:** Kwara
6. **Local Government Area:** Offa
7. **Marital Status:** Married
8. **Names and Ages of Children:** Oyeyemi Barakat Adeayo, Three years old
9. **Name and Relationship of Next of Kin with Telephone Number** Mrs. OYEMYEMI Monsurat Christy/Wife
08066443949
10. **Permanent Home Address:** No 20, Obada-Boye, Anilelerin Street, Offa,
Kwara State, Nigeria
11. **Contact Address:** Department of Physiology,
College of Health Sciences,
Osun State University, Osogbo, Osun State
12. **E-Mail Address:** adekunle.oyeyemi@uniosun.edu.ng
13. **Registration with ResearchGate:** Yes
14. **If Yes, Provide the Link:** <https://bit.ly/3teysLy>
15. **If No, Why?** Not Applicable
16. **Registration with Google Scholar:** Yes
17. **If Yes, Provide the Link:** <https://bit.ly/3EfAPUm>
18. **If No, Why?** Not Applicable
19. **Phone Number(s):** 07034891903, 08058289269
20. **College/Faculty:** Health Sciences/Basic Medical Sciences
21. **Department:** Physiology
22. **Position on First Appointment:** Senior Lecturer
23. **Present Position and Salary:** Senior Lecture/CONUASS 5 Step 4
24. **Date of Present Position:** 4th May, 2022

B. EDUCATIONAL BACKGROUND

1. Educational Institutions Attended with Dates

University of Ibadan, Ibadan, Nigeria (2012-2018)

University of Ibadan, Ibadan, Nigeria (2008-2010)

University of Ilorin, Ilorin, Nigeria (2003-2006)

Offa Community Secondary School,
Offa, Kwara State (1998-2000)

2. Academic and Professional Qualifications with Dates/Issuing Authority and Class of Degree/Grade Level

Doctor of Philosophy (Ph.D.) Physiology (2018) University of Ibadan

Master of Science (M.Sc.) Physiology (2010) University of Ibadan/Ph.D. Grade

Bachelor of Science (B.Sc.) Physiology (2006) University of Ilorin/ Second Class Upper

Senior School Certificate (SSC) (2000)

3. Other Relevant Qualifications Nil

4. Honours, Awards, and Distinctions

- i. Best poster award, 37th Physiological Society of Nigeria Annual Scientific Conference, 2017, Kaduna, Nigeria.
- ii. Honorary award by Association of Muslim Health Students, Igbinedion University Okada, 2015.
- iii. Certificate of merit given by Basic Medical Science Students' Association, University of Ilorin, Nigeria, 2006.

5. Research Fellowships with Date

Principal investigator for Multi-omics approach to heavy metal toxicity and ameliorating potential of green nanoparticles in gold mining areas. Tertiary Education Trust Fund (TETFund) 2023 National Research Fund Grant (TETF/ES/DR&D-CE/NRF2023/SETI/HSW/00526/VOL.1).

C. WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM

- i. State School of Nursing, Agbor, Delta State. Physiology Tutor 2007 – 2008

D. WORK EXPERIENCE IN OTHER UNIVERSITIES

Previous Employment(s)	Position	Dates
i. Igbinedion University, Okada, Edo State	Lecturer I	2018 - 2022
ii. Igbinedion University, Okada, Edo State	Lecturer II	2015 – 2018
iii. Igbinedion University, Okada, Edo State	Assistant Lecturer	2012 – 2015

E. WORK EXPERIENCE IN OSUN STATE UNIVERSITY

- i. Osun State University, Osogbo, Osun State Senior Lecturer 2022 – till date

F. CO-CURRICULAR PROFESSIONAL EXPERIENCE

Nil

- i. **External Examiner** to the Undergraduate Programme (B.Sc.), Atiba University, Oyo, Nigeria. 2024/2025 till 2026/2027 session
- ii. **Peer reviewer** for some national -Nigerian Journal of Physiological Sciences, Ife Journal of Science, Journal of African Association of Physiological Sciences and international journals – Andrologia, Biometers, Bulletin of the University of Agricultural Sciences and Veterinary Medicine, Chemosphere, Microscopy and Microanalysis.
- iii. **Resource Person** for 2018 Postgraduate Research Workshop, Nnamdi Azikiwe University, Awka, School of Postgraduate Studies (October 2018).

G. MEMBERSHIP OF PROFESSIONAL BODIES

- i. International Union of Physiological Sciences
- ii. African Association of Physiological Sciences
- iii. Physiological Society of Nigeria

H. SERVICE

University

- i. Deputy Director for the Centre of Entrepreneurship Studies and Innovation, Osun State University, Osogbo. 2025 – till date.
- ii. Postgraduate Coordinator, Department of Physiology, Osun State University, Osogbo. November 2022 - till date.
- iii. Member, Departmental Quality Assurance Committee, Department of Physiology, Osun State University, Osogbo. November 2022 – till date.
- iv. Chairman, Examination Committee, Entrepreneurship Studies and Innovation, Osun State University, Osogbo. 2024 – till date.
- v. Member, Examination Committee, Entrepreneurship Studies and Innovation, Osun State University, Osogbo. 2023 – till date.

- vi. Member, Talent Show and Exhibition Committee, Entrepreneurship Studies and Innovation, Osun State University, Osogbo. 2023 – till date.
- vii. College Coordinator for Entrepreneurship Studies and Innovation, Osun State University, Osogbo. 2023 – till date.
- viii. Postgraduate Coordinator, Department of Physiology, Osun State University, Osogbo. November 2022 - till date.
- ix. Member, Departmental Quality Assurance Committee, Department of Physiology, Osun State University, Osogbo. November 2022 – till date.
- x. Acting Head, Department of Physiology, School of Basic Medical Sciences, Igbinedion University, Okada. July 2021 – April 2022.
- xi. School of Basic Medical Sciences Information and Communication Technology (ICT) Representative, Igbinedion University, Okada. 2019 – April 2022.
- xii. Examination Officer for the Department of Physiology, School of Basic Medical Sciences, Igbinedion University, Okada. 2012 – 2021.
- xiii. Postgraduate School College Representative, Igbinedion University, Okada, 2019 – 2022.
- xiv. Deputy Examination Officer for the School of Basic Medical Sciences. Igbinedion University, Okada. 2015 – 2021.
- xv. Online learning Representative for the School of Basic Medical Science, Igbinedion University, Okada, 2020.
- xvi. Level Adviser for 300 Level Students, Department of Physiology, School of Basic Medical Science, Igbinedion University, Okada, Edo State, 2013 - 2019.

Community

- i. Igbinedion Muslim Community, Okada, Edo state, Nigeria. May 2018 – April 2022.

National

- i. Resource person for 2018 Postgraduate Research Workshop, Nnamdi Azikiwe University, Awka, School of Postgraduate Studies (October 2018).
- ii. Nation Youth Service Corps (NYSC), State School of Nursing, Agbor, Delta State (2007-2008).

International

Nil

I. COURSES TAUGHT DURING THE ACADEMIC SESSION

2025/2026 Academic Session Harmattan Semester

- i. PHS211: Human Physiology I
- ii. PHS213: Human Physiology I
- iii. PHS215: General Physiology I
- iv. PHS301: Reproductive Physiology
- v. PHS405: Literature Review and Seminar
- vi. PHS709: Blood and Body fluid

2025/2026 Academic Session Rain Semester

- i. PHS202: Respiratory Physiology
- ii. PHS212: Human Physiology II
- iii. PHS214: General Physiology II
- iv. PHS216: General Physiology II
- v. PIO212: Renal and Body Fluid Physiology
- vii. PHS404: Comprehensive Examination
- viii. PHS704: Endocrine Physiology
- ix. PHS712: Graduate Seminar
- x. PHS714: Nutrition and Metabolism

J. GRADUATE STUDIES SUPERVISION

- i. **Name of Candidate**
Tseye Daisy OKORO
- ii. **Thesis Title**
Reproductive effects of naringin on chlorpromazine-induced hyperprolactinemia in prepubertal male Wistar rats.
- iii. **Completed/Ongoing**
Ongoing
- iv. **Year of Completion**

- i. **Name of Candidate**
Dorcas Oyenike OMOLANBE
- ii. **Thesis Title**
Effects of chromium picolinate on vascular smooth muscle cell proliferation and oxidative stress in high-fat diet male Wistar rats.
- iii. **Completed/Ongoing**

Ongoing
v. Year of Completion

i. Name of Candidate
Adeleke Alani FARAMADE

ii. Thesis Title
Effects of chromium picolinate and zinc chloride on cardiovascular homeostasis in high-fat diet induced metabolic syndromes Wistar rats.

iii. Completed/Ongoing
Ongoing

iv. Year of Completion

i. Name of Candidate
OLAOSUN, Oluwadamilare Solomon

ii. Project/Thesis Title
Assessment of Growth Rate, Genotoxicity, and Testicular Toxicity in Prepubertal Male Wistar Rats Exposed to Aluminium Sulphate: Possible Role of Selenium

iii. Completed/Ongoing
Completed

iv. Year of Completion
2024

i. Name of Candidate
OKORO, Tseye Daisy

ii. Project/Thesis Title
Analysis of serum trace element level, oxidative status, and biochemical indices in the residents of an oil host community (Ugbegungun) in Delta State, Nigeria.

iii. Completed/Ongoing
Completed

iv. Year of Completion
2021.

K. PUBLICATIONS

- i. **Books (Authored/co-authored)**
- ii. **Books (Edited/co-edited)** Nil
- iii. **Monographs** Nil
- iv. **Chapters in books** Nil
- v. **Articles in learned journals**
 1. **Oyeyemi, A.W.**, Aikpitanyi, I., Ayegboyin, O.A., Daramola, O.O., Akinola, A.O., Idris, A.O., Olaleye, O.E. Eniola, D.O. (2026) Hepatoprotective Effects of N-Acetyl Cysteine against Ammonium Nitrate-Induced Oxidative Stress in Male Wistar. *The Tropical Journal of Health Sciences*, 33, 1, 8-16.
 2. **Oyeyemi, A.W.**, Akinola, A.O., Daramola, O.O., Adegbite, L.O., Faramade, A.A., Aworetan, T.A. Adekeye, J. and Tijani, B. (2026). Chromium (III) chloride partially preserves testicular morphology but fails to attenuate lead acetate-induced oxidative stress in male Wistar rats. *Jewel Journal of Scientific Research*. 11, 1, 24-37.
 3. Oyeyemi, B.F., Awonegan, P.A., **Oyeyemi, A.W.**, Jimoh, O.A., Owabumoye, J.B., Fatoye, A.O., Onile, O.S., Anifowoshe, A.T. and Oladoye, P.O. (2026). Exposure and bioaccumulation of mercury impacted the extent of cellular damage and oxidative stress in local chickens around Ilesha gold mining areas of Nigeria. *Environmental Toxicology*. 2026. doi: 10.1002/tox.70078.
 4. Oyeyemi, A.W., Owonikoko, W.M., Akinola, A.O., Oyeyemi, B.F., Daramola, O.O., Oyekunmi, O.A., Olaosun, O.S. and Adegbite, L.O. (2025). Reproductive potential of selenium on aluminium sulphate-treated prepubertal male Wistar rats. *Nigerian Journal of Biochemistry and Molecular Biology*. 40, 1, 96 – 106.
 5. Ciroma, F.L., Akor-Dewu, M., Kana, M.A., Shittu, S., Oyeyemi W., Ayo, J. and Mohammed, A. (2025). Serum adiponectin relates inversely with *Helicobacter pyloric* infection among Nigerian adults. *Nigerian Journal of Immunology*. 6, 10 – 15.
 6. Aluko, E.O., Oyeyemi, W.A. and Faramade, A.A. (2025). Aqueous extract of *Peristrophe bivalvis* leaf alleviates oxidative stress in L-NAME-induced hypertensive rats. *BMC Complementary Medicine & Therapies*. 25, 1, 333.
 7. Oyeyemi, A.W., Akinola, A.O., Daramola, O.O., Adegbite, L.O., Ishola, M.E., Ogunwande, P.A., Eden, J.A. and Olaosun, O.S. (2025). Zinc antioxidant properties, cortisol and triiodothyronine modulation prevent oxidative stress caused by copper and lead in prepubertal male Wistar rats. *Research Journal of Health Sciences*, 13 (2): 117 – 126.
 8. Shittu, S.T., Efeotor, R.O., Shittu, S.A., Kpai, T., Lawal, T.T. and Oyeyemi, W.A (2025). Effect of vitamin E and/or N-acetylcysteine on lead acetate-induced glucose metabolism impairment in male Wistar rats. *Animal Research International*, 22 (1): 60-76.

9. Oyeyemi, A.W., Akinola, A.O., Daramola, O.O., and Raji, Y. (2024). Anti-apoptotic, antioxidant, and anti-inflammatory activities of *Sida corymbosa* leaf methanol extract ameliorate lead acetate-induced testicular functions alteration in Wistar rats. *Tropical Journal of Natural Product Research*, 8 (5): 7301-7308.
10. Oyeyemi, A.W., Owonikoko, W.M., Okoro, T.D., Adagbonyi, O. and Ajeigbe, K.O. (2024). Water contamination: A culprit of serum heavy metals concentration, oxidative stress and health risk among residents of a Nigerian crude oil-producing community. *Toxicology Reports*, 12: 375–388.
11. Jimoh, O.A., Oyeyemi, F.B., Oyeyemi, A.W., Ayodele, O.S., Okin-Aminu, O.H., Ayodele, D.A., Faniyi, O.T. and Nwachukwu, U.C. (2024). Herbal inclusions ameliorate effect of heat stress on haematology, proinflammatory cytokines, adipokines and oxidative stress of weaned rabbit does in humid tropics. *Journal of Animal Physiology and Animal Nutrition*, 108 (1): 55-56. Doi: 10.1111/jpn.13864.
12. Daramola, O.O. Omotoso, D.R. and Oyeyemi W.A. (2023). Herbal medicinal therapy for haemorrhoid and sexual dysfunction-perception and practice among adult males in Ibadan metropolis, Southwest Nigeria. *Biological and Environmental Sciences Journal for the Tropics*, 20,3, 59-68.
13. Akinola, O.A., Omotoso, R.D., Oyeyemi, A.W., Daramola, O.O. and Emojevwe V. (2023). α -Tocopherol Mitigates Adverse Effects of Potassium Bromate on Hematological Parameters and Markers of Hepatic Function in Rat Model. *Journal of Morphological Sciences*, 40: 89-94.
14. Jimoh, O.A., Daramola, O.T., Okin-Aminu, H.O., Ojo, O.A. and Oyeyemi, W.A. (2023). Effect of phytogetic supplements on the reproductive physiology and metabolic hormones of rabbits exposed to heat stress conditions. *Journal of Thermal Biology*, 112: 103438. doi.org/10.1016/j.jtherbio.2022.103438
15. Akinola, A.O., Omotoso, D.R., **Oyeyemi, A.W.** and Daramola, O.O. (2023). Ameliorative activity of α -tocopherol against potassium bromate-induced reproductive functional and morphological impairments in male rats. *Asia-Pacific Journal of Science and Technology*, 29, 1, 11.
16. Okeke, O.C., Ekakitie, O.O., Adeniyi, M.J., **Oyeyemi, A.W.** and Ajayi, O.I. (2023). Interrelationship between surging reproductive hormones and blood viscosity indices in apparently healthy females. *Journal of Krishna Institute of Medical Sciences University*. 12, 2, 57 – 64.
17. Akinola, A.O., **Oyeyemi, A.W.**, Omotoso, D.R., Daramola, O.O. and Raji, Y. (2022). Protective role of methanol extract of *Carpolobia lutea* root extract against cadmium-induced changes in biochemical and antioxidant indices in liver of male Wistar rats. *Ife Journal of Science*, 24(1), 59-72.
18. Oyeyemi, A.W, Akinola, A.O., Daramola, O.O., Aikpitanyi, I., Durotoluwa, O.T., Alele, P.O., Ogieriakhi O.I., Okoro, D.T. (2022). Vitamin E and quercetin attenuated the

reproductive toxicity mediated by lead acetate in male Wistar. Bulletin of the National Research Centre, 46 (1): 1-10.

19. Akinola, A.O., Wahab, O.A. and Raji, Y. (2021). *Carpolobia lutea* root extract improved steroidogenic activity in male Wistar rats exposed to cadmium. *Nigerian Journal of Physiological Sciences*, 36: 181 – 187.
20. Jimoh, O.A., Oyeyemi, F.B. and Oyeyemi, A.W. (2021) Soursop juice enhanced seminal antioxidant defence and semen quality of rabbit bucks in extremely dry climatic condition of Southwestern Nigeria. *Journal of Thermal Biology*, 100: 103034. doi.org/10.1016/j.jtherbio.2021.103034
21. Jimoh, A.O., Oyeyemi, A.W., Akin-Aminu, O. F. and Oyeyemi, B.F. (2021). Reproductive characteristics, semen quality, seminal oxidative status, steroid hormones, sperm production efficiency of rabbits fed herbal supplements. *Theriogenology*, 168: 41 – 49.
22. Jimoh, A.O., Akinola, O.M., Oyeyemi, F.B., Oyeyemi, A.W., Ayodele, O.S., Omoniyi, S.I., and Okin-Aminu, O.H. (2021). Potential of watermelon (*Citrullus lanatus*) to maintain oxidative stability of rooster semen for artificial insemination. *J Anim Sci Technol.*, 63 (1): 46–57. doi: 10.5187/jast.2021.e21
23. Oyeyemi, A.W., Bolarinwa, A.F. and Raji, Y. (2020). Effect of methanol extract of *Sida corymbosa* leaves on lead acetate-induced hepatotoxicity, hematological and biochemical alteration in male Wistar rats. *The Nigerian Journal of Pharmacy*, 53(3): 36-54.
24. Oyeyemi, W.A, Daramola, O.O, Akinola, A.O., Idris, A.O. and Aikpitanyi, I. (2020). Hepatic and reproductive toxicity of sub-chronic exposure to dichlorvos and lead acetate on male Wistar rats. *Asian Pacific Journal of Reproduction*, 9: 283-290.
25. Akinola, O.A., Oyeyemi, A.W., Daramola, O.O. and Raji, Y. (2020). Effects of the methanol root extract of *Carpolobia lutea* on sperm indices, acrosome reaction, and sperm DNA integrity in cadmium-induced reproductive toxicity in male Wistar rats. *JBRA Assisted Reproduction*, 24(4): 454-465.
26. Oyeyemi, A.W., Anyanwu, C. P., Akinola, A. O., Daramola, O. O., Alli, O. B. and Ehiaghe, F. A. (2019). Clomiphene citrate ameliorated lead acetate-induced reproductive toxicity in male Wistar rats. *JBRA Assisted Reproduction*, 23(4): 336-343.
27. Shittu, S., Shittu, S.A., Olatunji, A.A. and Oyeyemi, A.W. (2019). *Ocimum gratissimum* leaf extract may precipitate infertility in male diabetic Wistar rats. *JBRA Assisted Reproduction*, 23(1): 34 – 44.
28. Oyeyemi, A.W., Ugwuezumba, P.C., Daramola, O.O. and Onwelu, O. (2018). Comparative effects of *Zea mays* bran, *Telfairia occidentalis*, and *Citrus sinensis* feeds on bowel transit rate, postgravidal blood glucose and lipids profile in male Wistar rats. *Nigerian Journal of Basic and Applied Sciences*, 26 (1): 80 – 87.
29. Oyeyemi, F. B., Adebayo, J. O, Oyeyemi, A. W., Adeola, I. C., Ayanwole, E.T., Jegede, F.O. and Ogunsakin, R. O. (2018). Second to fourth digit ratio (2D: 4D) as predictor of adult

circulating sex hormones and overweight/obesity in Ado-Ekiti, Nigeria. *Biomedical and Environmental Sciences*, 31 (7): 539 – 544.

30. Shittu, S.T., Oyeyemi, A.W., Shittu, S.A. and Lasisi, T.J. (2018). *Ocimum gratissimum* inhibits glycogen phosphorylase activity without changes in hepatic nuclear factor kappa B (NF- κ B) and inducible nitric oxide synthase (iNOS) in streptozotocin-induced diabetic rats. *Nigerian Medical Practitioner*, 73: 10-17.
31. Daramola, O.O., Oyeyemi, A.W., Beka, F.U. and Ofutet, E.A. (2018). Protective effects of aqueous extract of *Citrullus lanatus* fruit on reproductive functions and antioxidant activities in arsenic-treated male Wistar rats. *African Journal of Biomedical Research*, 21: 65-72.
32. Nwangwu, S.C.O., Josiah, S.J., Urom-Ndubuisi, C.U., Owoeye, S.I., Osagiede, P.E., Oyeyemi, A.W. and Omotosho, D.R. (2017). Plasma interleukin-1 β (IL-1 β) concentrations at the different phases of oestrus cycle in clomiphene treated female rats. *Nigerian Journal of Physiological Sciences*, 32(1): 33-36.
33. Ehiaghe, F.A., Onyenekwe, C.C., Akosile, C.O., Ehiaghe, I.J., Oyeyemi, A.W. and Ifeanyichukwu, M.O. (2016). Some lymphocytic gene expression patterns associated with acute exercise in young male undergraduates. *American Journal of Biotechnology and Molecular Sciences*, 5(1): 8-22.
34. Daramola, O.O., Oyeyemi, A.W. and Onyendilefu, G. (2016). Effects of methanol extract of *Telfairia occidentalis* seed on serum lipid profile, biochemical and antioxidant activity in female Wistar rats. *European Journal of Medicinal Plant*, 15(2):1-8.
35. Daramola, O.O., Oyeyemi, A.W., Odiase, L.O. and Olorunfemi, A.A. (2016). Effects of methanol extract of *Telfairia occidentalis* seed on ovary antioxidant enzymes, serum hormone concentration and histology in Wistar rats. *International Journal of Pharmacognosy and Phytochemical Research*, 8(8): 1245-1249.
36. Ajeigbe, K.O., Falade, O.B., Onifade, A.A., Oyeyemi, A.W. and Owonikoko, W.M. (2016). Preliminary findings on effect of aqueous leaf extract of *Aspilia Africana* erythrocyte osmotic fragility and Na⁺ K⁺ ATPase activity in the rat. *International Journal of Pharmacognosy and Phytochemical Research*, 8(6): 1027-1032.
37. Shittu, S.T.T, Oyeyemi, W.A., Lasisi, T.J., Shittu, S.A., Lawal, T.T. and Olujobi, T.S. (2016). Aqueous leaf extract of *Ocimum gratissimum* improves haematological parameters in alloxan-induced diabetic rats via its antioxidant properties. *International Journal of Applied and Basic Medical Research*, 6(2): 96-100.
38. Kolawole, T.A., Oyeyemi, W.A., Adigwe, C., Leko, B., Udeh, C. and Dapper, D.V. (2015). Honey attenuates the detrimental effects of nicotine on testicular functions in nicotine treated Wistar rats. *Nigerian Journal of Physiological Sciences*, 30(1-2): 11-16.
39. Oyeyemi, A.W., Shittu, S.T., Kolawole, T.A., Ubaneche, P. and Akinola, A.O. (2015). Protective effect of vitamin E on nicotine induced reproductive toxicity in male rats. *Nigerian Journal of Basic and Applied Sciences*, 23(1): 7-13.

40. Oyeyemi, A.W., Kolawole, T.A., Shittu, S.T., Ajah, R. and Oyeyemi, B.F. (2014). Effect of ascorbic acid on reproductive functions of male Wistar rats exposed to nicotine. *Journal of African Association of Physiological Sciences*, 2(2): 110-116.
41. Bolaji Fatai Oyeyemi, Oluyinka Ajibola Iyiola, Adekunle Wahab Oyeyemi, Kokori Audu Oricha, Abba Toba Anifowoshe, Nanfizat Abiket Alamuki. (2014). Sexual dimorphism in ratio of second and fourth digits and its relationship with metabolic syndrome indices and cardiovascular risk factors. *Journal of Research in Medical Sciences*, 19(3):234-239.
42. Onyeso, G and Oyeyemi, A. W. (2013). Modulating action of 17 β estradiol on urinary volume and renal excretion of some electrolytes in dietary salt-fed female rats. *African Journal of Biomedical Research*, 16(3): 179 -183.
43. Shittu, S.T., Oyeyemi, W.A., Okewumi, T.A. and Salman, T.M. (2013). Role of oxidative stress in therapeutic administration of artesunate on sperm quality and testosterone level in male albino rats. *African Journal of Biotechnology*, 12(1): 70-73.
44. Okewumi, T.A., Edoh, E.G., Shittu, S.T., Oyeyemi, F.B., Ugwuezumba, P.C. and Oyeyemi, W.A. (2012). Vitamin E improves growth rate and reproductive functions in female rats exposed to nicotine. *International Journal of Biological and Medical Research*, 3(3): 1715-1719.
45. Adienbo, O.M., Hart, V.O. and Oyeyemi, W.A. (2012). High Prevalence of Obesity among Indigenous Residents of a Nigerian Ethnic Group: The Kalabaris in the Niger Delta Region of South-South Nigeria. *Greener Journal of Medical Sciences*, 2(6): 152-156.
46. Okewumi T.A. and Oyeyemi A.W. (2012). Gastro-protective activity of aqueous extract of *Carica papaya* seed extract on ethanol induced gastric ulcer in male rats. *African Journal of Biotechnology*, 11(34): 8612-8615.
47. Oyeyemi, F.A., Babajide, S.A., Elelu, K.T., Oyeyemi, W.A. and Iyiola, O.A. (2012). Biochemical and histological response on the liver of adult Wistar rats fed with varied level of cassava. *Research Journal of Biological Sciences*, 7(2): 78-82.
48. Onyeka, C.A., Aligwekwe, A.U., Olawuyi, T.S., Nwakanma, A.A., Kalu, E.C. and Oyeyemi A.W. (2012). Antifertility effects of ethanolic root bark extract of *Chrysophyllum albidum* in male albino rats. *International Journal of Applied Research in Natural Products*, 5(1): 12
49. Raji, Y., Oyeyemi, W.A., Shittu, S.T. and Bolarinwa, A.F. (2011). Gastro-protective effect of methanol extract of *Ficus asperifolia* bark on indomethacin-induced gastric ulcer in rats. *Nigerian Journal of Physiological Sciences*, 26(1): 043-048.
50. Salman, T.M., Olayaki, L.A. and Oyeyemi W.A. (2008). Extract of *Telfairia occidentalis* leaves reduces blood sugar and increases hematological and reproductive indices in male rats. *African Journal of Biotechnology*, 7(14): 2299-2303.

vii. Refereed Conference Proceedings

1. **Oyeyemi, A.W.**, Anyanwu, P.C., Akinola, A., Daramola, O.O., and Ehiaghe, A.F. (2017). Clomiphene citrate ameliorated lead acetate-induced reproductive toxicity in male Wistar rats. *Nigerian Journal of Physiological Sciences*, 32(2).
2. **Oyeyemi, W.A.**, Bolarinwa, A.F. and Raji. Y. (2016). Steroidogenic activities of methanol extract of *sida corymbosa* leave in male Wistar rats treated with lead acetate. *Journal of African Association of Physiological Sciences*, 4(2), 126.
3. **Oyeyemi, W.A.**, Bolarinwa, A.F. and Raji. Y. (2016). Effects Of Methanol Extract Of Sida Corymbosa Leaves On Sperm Parameters In Male Wistar Rats Treated With Lead Acetate. *Journal of African Association of Physiological Sciences*, 4(2), 127.
4. Akinola A., **Oyeyemi A.W.** and Raji Y. (2016). Cadmium-induced changes in reproductive activities of male Wistar rats: Protective role of *Carpolobia lutea*. *Journal of African Association of Physiological Sciences*, 4(2), 116.
5. **Oyeyemi, A. W.**, Shittu, S.T., Kolawole, T.A., Ubaneche, P. and Akinola, A. (2013). Protective effect of vitamin E on nicotine-induced reproductive toxicity in male rats. *Nigerian Journal of Physiological Sciences*, 28(2), 231.
6. **Oyeyemi, A. W.**, Ugwuezumba, PC., Kolawole, T.A., Onwelu, O., Ajah, A. and Akinola, A. (2013). Comparative study on dietary fibers on postprandial blood glucose, bowel transit rate and lipid profile in Wistar male rats. *Nigerian Journal of Physiological Sciences*, 28(2), 236.
7. **Oyeyemi, W.A.**, Okewumi, T.A., Shittu, S.T. and Ajah, R. (2012). Influence of ascorbic acid on reproductive functions of male rats exposed to nicotine. *Nigerian Journal of Physiological Sciences*, 27(2), 212.

viii. Unrefereed Conference Proceedings
Book Review

Nil

ix. Technical Report

Nil

x. Patents and Inventions

Nil

xi. Online journal articles

Nil

L. CURRENT RESEARCH ACTIVITIES

i. Funded Research

Multi-omics approach to heavy metal toxicity and ameliorating potential of green nanoparticles in gold mining areas.
(TETF/ES/DR&D-CE/NRF2023/SETI/HSW/00526/VOL.1).

ii. Non-funded/self-sponsored Research

Examining and comparing the protective roles of N-acetylcysteine and selenium on ammonium nitrate-induced hepatotoxicity, nephrotoxicity, and testicular toxicity in male Wistar rats.

M. CONFERENCES ATTENDED (Indicating title of papers presented)

Conferences Attended with Date	Papers Presented
1. 40 th Physiological Society of Nigeria Annual Scientific Conference (Ibadan, 2023)	•
2. 37 th Physiological Society of Nigeria Annual Scientific Conference (Kaduna, 2017),	• Clomiphene citrate ameliorated lead acetate-induced reproductive toxicity in male Wistar rats.
3. 7 th International Congress of the African Association of Physiological Sciences & 36 th Physiological Society of Nigeria Scientific Conference (Lagos, 2016).	• Steroidogenic activities of methanol extract of <i>Sida corymbosa</i> leaves in male Wistar rats treated with Lead acetate. • Effects of methanol extract of <i>Sida corymbosa</i> leaves on sperm parameters in male Wistar rats treated with Lead acetate.
4. 33 rd Physiological Society of Nigeria Annual Scientific Conference (Ibadan, 2013).	• Comparative study of dietary fibre on postprandial blood glucose, bowel transit rate, and lipid profile in male Wistar rats. • Protective effects of vitamin E on nicotine-induced reproductive toxicity in male rats.
5. 32 nd Physiological Society of Nigeria Annual Scientific Conference (Calabar, 2012).	• Influence of Ascorbic Acid on Reproductive Functions of Male Rats Exposed to Nicotine.

N. EXTRA-CURRICULAR ACTIVITIES

- Traveling

O. ANY OTHER RELEVANT INFORMATION

i. Training Programmes Attended with dates

- a) One-day workshop on eAssessor and Automated Review, Osun State University, Osogbo, Nigeria (April 11, 2025).

- b) A-day workshop for teaching staff, Osun State University, Osogbo, Nigeria (February 26, 2025).
- c) One-day capacity building workshop for all teaching staff, Osun State University, Osogbo, Nigeria (November 20, 2023).
- d) Pedagogy workshop: Igbinedion University Okada (January 18, 2022).
- e) Igbinedion University 2021 retreat for University Governing Council, Management, Provost, Deans, HOD, and Directors. (September 10, 2021).
- f) Ethics in research: Animal use and laboratory management,
- g) Igbinedion University, Okada (January 27, 2020).
- h) Phinnx networking (Igbinedion University, Okada, August 2017).
- i) Scholarly writing (Igbinedion University, Okada, March 2015).
- j) Result computation (ICT, Igbinedion University, Okada, July 2014).

ii. Teaching Experience

- a) Teaching Physiology (Cardiovascular system, Respiratory Physiology, Autonomic nervous system, and Selected Topics in Physiology) to 200-level and 400-level Physiology students at Osun State University, Osogbo, Osun State. May 2022 – till date.
- b) Teaching Physiology (Blood, Cardiovascular system, Endocrine, and Reproductive Physiology) to 200-level medical students at Igbinedion University, Okada, Edo State. October 2015 – April 2022.
- c) Teaching Physiology (Blood, Cardiovascular system, Endocrine and Reproductive Physiology, Laboratory Teaching & instrumentation, Environmental Physiology & Metabolism, Comparative & Environmental physiology) to 200-level, 300-level, and 400-level Physiology Students at Igbinedion University, Okada, Edo State. October 2012 – April 2022.
- d) Teaching Physiology (Blood, Cardiovascular system, Endocrine, and Reproductive Physiology) to 200-level Pharmacy, Medical Laboratory Sciences, and Nursing students at Igbinedion University, Okada, Edo State. October 2012 – April 2022.
- e) Teaching Physiology (Blood and Body fluids, Reproductive Physiology, Cardiovascular Physiology, Laboratory Teaching) to 200-level and 300-level Physiology and Medical Students at Madonna University, Elele Campus, Rivers State. July 2011 – September 2012.

- f) Teaching Human Physiology to Nursing Student at State School of Nursing, Agbor, Delta State. March 2007 – February 2008.

Dr. Oyeyemi, Adekunle Wahab

A handwritten signature in blue ink, appearing to be 'Oyeyemi', written in a cursive style.

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Signature