**CURRICULUM VITAE**

**PERSONAL INFORMATION**

**Names in full:** OYEYEMI Ifeoluwa Temitayo

**Home Address:** Igba, Ondo, Ondo State, Nigeria

**Email:** ioyeyemi@unimed.edu.ng; lovetayo2000@yahoo.com

**Phone (Mobile):** +234-806-743-6004

**Nationality at Birth:** Nigeria

**Marital Status:**  Married

**UNIVERSITY EDUCATION**

**INSTITUTION DATE**

University of Ibadan, Ibadan, Nigeria 2011-2016

University of Ibadan, Ibadan, Nigeria 2007-2009

Obafemi Awolowo University, Ile-Ife, Nigeria 2001-2005

**ACADEMIC AND PROFESSIONAL QUALIFICATIONS**

**QUALIFICATION GRADE DATE**

Ph.D Zoology (Cell Biology and Genetics) 2016

M.Sc Zoology (Cell Biology and Genetics) Ph.D Grade 2009

B.Sc (Ed) Biology Second Class (Hons) Upper Division 2005

**THESIS**

Oyeyemi I.T. (2016). *In vivo* anti-genotoxic, anti-fibrotic and *in vitro* anti-carcinogenic effects of *Spondias mombin* Linn, *Nymphaea lotus* Linn and *Luffa cylindrica* Linn extracts. Ph.D Thesis, Department of Zoology, University of Ibadan, Ibadan. 254 pages.

**DISSERTATIONS**

Karyotypic study on three species of *Clarias* (Siluriformes: Clariidae) from Asejire dam, Nigeria. M.Sc Dissertation, Department of Zoology, University of Ibadan, Ibadan. 87 pages.

The ABO blood group and *Plasmodiun falciparum* malaria. M.Sc Essay, Department of Zoology, University of Ibadan, Ibadan. 48 pages.

Family size and its effect on academic performance of secondary school students. A case study of Ondo town. B.Sc Dissertation Obafemi Awolowo University, Ile-Ife. 27 pages.

**STATEMENTS OF EXPERIENCE**

2024 till date Visiting lecturer, Liverpool John Morees University, Liverpool

2023 till date Senior Lecturer - Teaching and Research, Department of Biological Sciences, University of Medical Sciences, Ondo, Nigeria

2022 – 2023 Visiting Scientist, Old Dominion University, Norfolk, Virginia

2020 – 2023 Lecturer I - Teaching and Research, Department of Biological Sciences, University of Medical Sciences, Ondo, Nigeria

2017 – 2020 Lecturer II - Teaching and Research, Department of Biological Sciences, University of Medical Sciences, Ondo, Nigeria

2014 – 2016 Teaching Assistant: Department of Zoology, University of Ibadan, Nigeria.

2013 – 2014 Research Fellow, Department of Molecular Medicine, Bose Institute, Kolkata, India

2012 – 2013 Teaching Assistant: Department of Zoology, University of Ibadan, Nigeria.

**RESEARCH FOCUS:**

My current research focus is in the area of Genetic and Molecular Toxicology. My goal is to identify small molecules with therapeutic effects on chronic non-communicable diseases such as cancer, diabetes and its complications and liver diseases. I am investigating the modulatory effect of these small molecules on the molecular and signalling pathways involved in these chronic diseases. In addition, I am also investigating the safety of these molecules.

**Completed projects**

1. Anticancer effect of Copper(II) complexes on triple-negative breast cancer
2. Ethnobotanical survey of medicinal plants used for the treatment of cancer and malaria in Ondo state, Nigeria.
3. Hepatoprotective effect of *Nymphaea lotus* and *Luffa cylindrica*.
4. Genotoxicity and anti-genotoxicity study of *Spondias mombin*, *Nymphaea lotus,* *Luffa cylindrica,* and *Sida acuta*, and their recipes.
5. Karyotypic characterization of Clarias species of the South-Western Nigeria.

**Ongoing projects**

1. Anticancer effect of Nigerian medicinal plants
2. Antidiabetic effect and mechanism of Nigerian plants used in the traditional diabetes management.
3. Antifibrotic effect of Nigerian medicinal plants on carbon-tetrachloride-induced liver fibrosis.
4. Safety evaluation of commonly consumed medicinal plants in Nigeria.

**PUBLICATIONS**

**Journal articles**

1. Odeniran OO, Oyefabi AM, **Oyeyemi IT**, Oke AA, Aziken G, Adebayo-Gege G, Adedayo PI, Adedayo LD, Abodunrin RO, Akinsolu FT, Sobande OO. 2025. Therapeutic Effects of *Balanites aegyptiaca* DEL Extract on Diabetes Mellitus: A Systematic Review. *Frontiers In Clinical Diabetes and Healthcare* 6 https//.doi.org/10.3389/fcdhc.2025.1651789
2. Rafferty Q, Stafford LK, Vos T, Thomé FS, Aalruz H, Abate YH, Abbafati C, Abd ElHafeez S, Abedi A, Abiodun OO, Abreu LG, Abu-Gharbieh E, Aburuz S, Abu-Zaid A, Adamu LH, Addo IY, Adegboye OA, Adepoju AV, Adeyomoye OI, Adnani QES, Agarwal SK, Aghamiri S, Agrawaal KK, Ahinkorah BO, Ahmad A, Ahmad MM, Ahmad S, Ahmed A, Ahmed A, Ahmed SA, Ajami M, Akhlaghi S, Akkala S, Al-Aly Z, Albashtawy M, Aldawsari KA, Alemi H, Al-Gheethi AA, Alhalaiqa FN, Ali EE, Ali SS, Almidani O, Al-Raddadi RMM, Alvi FJ, Alvis-Guzman N, Alvis-Zakzuk NJ, …….. **Oyeyemi IT**……..Yaribeygi H, Yon DK, Yonemoto N, Zahir M, Zaman SB, Zamora N, Zangiabadian M, Zare I, Zhang H, Zhao H, Zhou J, Zielińska M, Zikarg YT, Zyoud SH. (2025). Global, regional, and national prevalence of kidney failure with replacement therapy and associated aetiologies, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. *Lancet Glob Health* 13: e1378–95 https://doi.org/10.1016/S2214-109X(25)00198-6
3. Oyeyemi OT, Fasomoyin EA, Oriade TO, Sulaiman KA, Babatunde OS, **Oyeyemi IT** (2025). Molluscicidal activities of Senna alata silver nanoparticles against adult and egg stages of *Lymnaea natalensis*. *Scientific Reports* 15:25746 https://doi.org/10.1038/s41598-025-11771-8
4. **Oyeyemi IT,** Ajayi IT, Nabofa EW *Jatropha tanjorensis* J.L.Ellis & Saroja inhibited carbon tetrachloride-induced fibrogenesis in carbon tetrachloride-intoxicated Wistar rats. *Natural Product Research* 1–8. https://doi.org/10.1080/14786419.2025.2509137
5. Adebayo-Gege GI, Adegbola PI, Adedayo LD, Oyefabi AM, **Oyeyemi IT**, Olubukola O, Oke AA, Okeke OP, Abodunrin OR, Akinsolu FT and Sobande OO (2025). Prevalence of nephropathy among patients with diabetes mellitus in Africa: a systematic review and meta-analysis. *Frontiers in Clinical Diabetes and Healthcare* 6:1551088. doi: 10.3389/fcdhc.2025.1551088
6. **Oyeyemi IT,** Adesina IA, Sulaiman KA, Ajayi IT, Nabofa EW. (2024). Ethanol extract of *Nymphaea lotus* Linn. inhibited carbon tetrachloride-induced fibrogenesis in carbon tetrachloride-intoxicated Wistar rats. *Clinical Phytoscience* hhtps://doi.org/10.1186/s40816-024-00384-9.
7. Feigin VL, Abate MD, Abate YH, Abd ElHafeez S, Abd-Allah F, Abdelalim A, Abdelkader A, Abdelmasseh M, Abd-Elsalam S, Abdi P, Abdollahi A, Abdoun M, Abd-Rabu R, Abdulah DM, Abdullahi A, Abebe M…..**Oyeyemi IT**….Bhatia A, Bisignano C, Vos T, and Murray CJL. (2024), Global, regional, and national burden of stroke and its risk factors, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021.*The Lancet Neurology* 23:973 – 1003. http://doi.org/10.1016/S1474-4422(24)00369-7
8. Brauer M, Roth GA, Aravkin AY, Zheng P, Abate KH, Abate YH, Abbafati C, Abbasgholizadeh R, Abbasi MA, Abbasian M, Abbasifard M, Abbasi-Kangevari M, ElHafeez SA, Abd-Elsalam S, Abdi P, Abdollahi M, Abdoun M, Abdulah DM, Abdullahi, A, …**Oyeyemi IT**… Gakidou E. (2024). Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. The Lancet, 403(10440), 2162–2203. https://doi.org/10.1016/S0140-6736(24)00933-4
9. Schumacher AE., Kyu, H. H., Aali, A., Abbafati, C., Abbas, J., Abbasgholizadeh, R., Abbasi, M. A., Abbasian, M., ElHafeez, S. A., Abdelmasseh, M., Abd-Elsalam, S., Abdelwahab, A., Abdollahi, M., Abdoun, M., Abdullahi, A., Abdurehman, A. M., Abebe, M., Abedi, A., Abedi, A., … Murray, C. J. L. (2024). Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. The Lancet, 0(0). https://doi.org/10.1016/S0140-6736(24)00476-8
10. Alajroush DR, Smith CB, Anderson BF, **Oyeyemi IT**, Beebe SJ, Holder AA. 2024 A Comparison of in vitro studies between Cobalt(III) and Copper(II) complexes with thiosemicarbazone ligands to treat triple negative breast cancer. *Inorganica Chimica Acta* 562:121898 <https://doi.org/10.1016/j.ica.2023.121898>
11. **Oyeyemi IT,** Rasaq NO, Michael JE, Ajayi IT, Awosiku FF.2023**.** Acute and subchronic toxicity of the hydroalcohol extract of the leaves of *Terminalia catappa* Linn. (Combretaceae) in Wistar rats. *Biokemistiri* 35(1): 34514 - 34523
12. **Oyeyemi IT**, Adewole KE, Gyebi GA. 2023. *In silico* identification of the antidiabetic and anti-inflammatory targets of *Nymphaea lotus-*derived phytochemicals and mechanistic insights by molecular dynamics simulations**.** *Journal of Biomolecular Structure and Dynamics* 41(21): 12225–12241 https://doi.org/10.1080/07391102.2023.2166591
13. Oyeyemi OT, Babalola BM, Akinmulero TC, Adesida PA, **Oyeyemi IT**. 2023. Molluscicidal activities of green-synthesized *Alstonia congensis* silver nanoparticles. *Asian Pacific Journal of Tropical Biomedicine* 13(4): 176-183 https://.doi.org/10.4103/2221-1691.374234
14. **Oyeyemi IT**, Ojo TD, Oyeyemi OT. 2023. Traditional uses, phytochemistry and biological activities of *Hoslundia opposita* Vahl. *Current Traditional Medicine* 9(4): 127-140 https://doi.org/[10.2174/2215083808666220921163011](http://dx.doi.org/10.2174/2215083808666220921163011)
15. **Oyeyemi IT,** Akanni OO, Adaramoye OA, Bakare AA. 2022. Protective effect of the methanol extract of Luffa cylindrica fruit on carbon-tetrachloride induced chronic liver injury. *Acta Biologica Szegensis* 66(2):150–155 https://doi.org/10.14232/abs.2022.2.150-155
16. Bakare AA, Akpofure A, Gbadebo AM, Fagebenro OS, **Oyeyemi IT**. 2022. Aqueous extract of Moringa oleifera Lam. induced mitodepression and chromosomal aberration in Allium cepa, and reproductive genotoxicity in male mice. *Advances in Traditional Medicine*. 22, 685–695 https://doi.org/10.1007/s13596-021-00564-9
17. Oyeyemi OT, **Oyeyemi IT**, Irabor PS, Adebimpe WO. 2022. Urogenital Schistosomiasis as Risk of Hepatic and Renal Dysfunctions: A Preliminary Study. *Acta Microbiology Bulgarica* 38(2): 148-150
18. Oyeyemi O, Oladoyin V, Okunlola O, Mosobalaje A, **Oyeyemi I**, Adebimpe W, Nwuba R, Anuoluwa I, Tiamiyu A, Ovuakporie-Uvo O, Adesina I, Olatunji B, Kone J, Oluwafemi Y, Obajaja C, Ajiboye A. 2022. COVID-19 pandemic: Nigerian’s knowledge, perception and adherence to preventive measures. *Journal of Public Health.* 30(6):1603-1612. https://doi.org/10.1007/s10389-020-01455-0
19. de Assis JV, Coutinho LA, **Oyeyemi IT**, Oyeyemi OT, Queiroz RFG. 2022. Diagnostic and therapeutic biomarkers in colorectal cancer: a review. *American Journal of Cancer Research* 12(2): 661–680
20. Oyeyemi OT, **Oyeyemi IT**, Alamukii NA,Kone JK,Oyerinde OR, Anuoluwa IA,## Ovuakporie-uvo OO,Adesina IA, Oluwafemi YD, Ogoanah SO, Tiamiyu AM. 2022. Cryptosporidium and colorectal cancer: a review of epidemiology and possible association. *Forum of Clinical Oncology* 12(2): 1-10 https://doi.org/10.2478/fco-2021-0008
21. Oyeyemi OT, Akinseye KM, Odewuyi II, Olayinka RO, Ajibawo OE, Ogunleye IA,**Oyeyemi IT.** 2021. Malaria and insecticide-treated net (ITN) utilization among orphans and vulnerable children in Nigeria. *Journal of Integrative Medicine* https://doi.org/10.2478/jim-2021-0012
22. **Oyeyemi IT**. 2020. Protective Effect of the Aqueous Extract of Sida acuta BURM.F on Lead Nitrate-Induced Genotoxicity. *Nova Biotechnologica et Chimica* 19(2):192-199.
23. Nwinyi OC, Uyi O, Awosanya EJ, **Oyeyemi IT**, Ugbenyen AM, Muhammad A, Alabi OA, Ekwunife OI, Adetunji CO, Omoruyi IM. 2020. Review of Drinking Water Quality in Nigeria: Towards Attaining the Sustainable Development Goal Six. *Annals of Science and Technology* 5(2):58-77
24. Oyinleye OE, Adeniran SA, Ogunsuyi OM, **Oyeyemi IT** and Bakare AA. 2020. Genetic and reproductive toxicity of aqueous extracts of Telfairia occidentalis (Hook F.), Vernonia amygdalina and their combination on the testicular cells of male mice. *Advances in Traditional Medicine.* https://doi.org/10.1007/s13596-020-00507-w
25. Fadoju OM, Osinowo OA, Ogunsuyi OI, **Oyeyemi IT**, Alabi OA, Alimba CG, Bakare AA. 2020. Interaction of titanium dioxide and zinc oxide nanoparticles induced cytogenotoxicity in *Allium cepa*. *Nucleus* 63:159-166.
26. Bakare AA, Akinseye KM, Aminu BA, Ofoegbu FC, Anifowose SO, Abruda S, Fadoju OM, Ogunsuyi OI, **Oyeyemi IT**, Alabi OA, Adetona OM and Alimba CG. 2020. Genotoxicity of lamivudine, tenofovir disoproxil fumarate, efavirenz and their combination in somatic and germ cells of mice. *Annals of Science and Technology* 5(1):1-10
27. Oyeyemi OT, **Oyeyemi IT**, Adesina IA, Tiamiyu MT, Oluwafemi YD, Nwuba RI, Grenfell Fortini R. 2020. Toxoplasmosis in pregnancy; a neglected bane but a serious threat in Nigeria. *Parasitology* 147(2):127-134.
28. **Oyeyemi IT**, Akinseye KM, Adebayo SS, Oyetunji MT, Oyeyemi OT. 2019. Ethnobotanical survey of the plants used for the treatment of malaria in Ondo state. *South African Journal of Botany* 124:391-401.
29. Ezekiel CN, Oyeyemi OT, Oyedele OA, Ayeni KI, **Oyeyemi IT**, Nabofa W, Nwozichi CU, Dada A. 2018. Urinary aflatoxin exposure monitoring in rural and semi-urban populations in Ogun state, Nigeria. *Food Additives & Contaminants: Part A*. 35(8):1565-1572.
30. Oyeyemi O, Ezekiel C, Ayeni K, Nabofa W, **Oyeyemi I,** Oyedele O, Adefalujo A, Nwozichi C, Dada A. 2018. A pilot biomonitoring study of bladder tumor antigen (BTA) in aflatoxin exposed Nigerian villagers. *African Journal of Urology* 24(2):152-156.
31. **Oyeyemi I**, Akinlabi A, Adewumi A, Aleshinloye A, Oyeyemi O. 2018. *Vernonia* *amygdalina*: a folkloric herb with anthelminthic properties. *Beni-Suef University Journal of Basic and Applied Sciences.* 7:43-49.
32. Oyeyemi O, Adegbeyeni O, **Oyeyemi I**, Meena J, Panda A. 2018. *In vitro* ovicidal activity of poly lactic acid curcumin-nisin co-entrapped nanoparticle against Fasciola spp. eggs and its reproductive toxicity. *Journal of Basic and Clinical Physiology and Pharmacology*. 29(1):73-79.
33. **Oyeyemi IT**, Akanni OO, Adaramoye OA and Bakare AA. 2017. Methanol extract of *Nymphaea lotus* ameliorates carbon tetrachloride–induced chronic liver injury in rats via inhibition of oxidative stress. *Journal of Basic and Clinical Physiology and Pharmacology*. 28(1): 43–50.
34. Odumosu BT, Rufai TR, Odunukan O, Oyeyemi OT, **Oyeyemi IT,** Alabi OS. 2016. Bioactive constituents and antibacterial screening of two Nigerian medicinal plants extracts against human pathogenic bacteria. *Nigeria Journal of Pharmaceutical Research*. 12(2):123-133.
35. Oyeyemi OT, Fadipe O, **Oyeyemi IT**. 2016. *Trichomonas vaginalis* infection in Nigerian pregnant women and risk factors associated with sexually transmitted diseases. *International Journal of STD & AIDS*. 27(13): 1187–1193.
36. Bakare AA, Udoakang AJ, Anifowoshe AT, Fadoju OM, Ogunsuyi OI, Alabi OA, Alimba CG, **Oyeyemi IT**. 2016. Genotoxicity of titanium dioxide nanoparticles using the mouse bone marrow micronucleus and sperm morphology assays. *Journal of Pollution Effects & Control*. 4:1
37. **Oyeyemi IT**, Yekeen OM, Odusina PO, Ologun TM, Ogbaide OM, Olaleye OI, Bakare AA. 2015. Genotoxicity and anti-genotoxicity of aqueous and hydro-methanol extracts of *Spondias mombin* (L), *Nymphaea lotus* (L) and *Luffa cylindrica* (L) using animal bioassays. *Interdisciplinary Toxicology* 8(4):184-192.
38. Bakare AA, Oguntolu GO, Adedokun LA, Amao AA, **Oyeyemi IT**, Alimba CG, Alabi OA. 2015. In vivo evaluation of genetic and systemic toxicity of aqueous extracts of *Phyllanthus amarus* in mice and rats. *International Journal of Toxicology and Pharmacology Research*. 4(1):1
39. Atoyebi SM, **Oyeyemi IT**, Dauda BA, Bakare AA. 2015. Genotoxicity and anti-genotoxicity of aqueous extracts of herbal recipes containing *Luffa cylindrica* (L), *Nymphaea lotus* (L) and *Spondias mombin* (L) using the Allium cepa (L) assay. *African Journal of Pharmacy and Pharmacology*. 9(15): 492-499.
40. **Oyeyemi IT,** Bakare AA. 2013. Genotoxic and anti-genotoxic effect of aqueous extracts of *Spondias mombin* L., *Nymphea lotus* L. and *Luffa cylindrica* L. on *Allium cepa* root tip cells. *Caryologia*:*International Journal of Cytology, Cytosystematics and Cytogenetics* 66.4:360-367.
41. **Oyeyemi IT,** Salawu OT. 2013.Frequency distribution of hemoglobin variants and rhesus blood groups among pregnant women. *American Medical Journal* 4(1): 78-81.
42. **Ojo IT**, Adeogun AO, Bakare AA, Sowunmi AA, Ugwumba AA, Ugwumba AO. 2011. Karyotypic Description of Six Species of *Clarias* (Siluriformes: Clariidae) from South West Nigeria. *International Journal of Animal and Veterinary Advances*. 3(4): 364-373.

**Book chapters**

1. Adedokun KA, Imodoye SO, Yahya ZS, **Oyeyemi IT**, Bello IO, Adeyemo-Imodoye MT, Sanusi MA, Kamorudeen RT. 2024. Nanodelivery of Polyphenols as Nutraceuticals in Anti-cancer Interventions. In: M. Rudrapal Polyphenols: Food, Nutraceuticals and Nanotherapeutic Applications
2. Nelson, V.K., Paul S, Roychoudhury S, **Oyeyemi IT**, Mandal SC, Kumar N, Ravichandiran V, Pal M. (2023). Heat Shock Factors in Protein Quality Control and Spermatogenesis. In: Roychoudhury, S., Kesari, K.K. (eds) Oxidative Stress and Toxicity in Reproductive Biology and Medicine. Advances in Experimental Medicine and Biology, vol 1391. Springer, Cham. https://doi.org/10.1007/978-3-031-12966-7\_11
3. Ogunsuyi OI, Fadoju OM, Coker MM, Akinrinade SO, **Oyeyemi IT**, Alabi OA, Alimba CG and Bakare AA. (2018). Nano-genotoxicity Evaluation: A Review In V. Kumar, N. Dasgupta and S. Ranjan (eds), Nanotoxicology: Toxicity Evaluation, Risk Assessment and Management CRC Press, Taylor and Francis. Pp 463- 504.

**Public / Workshop lectures**

2023 Considerations in Animal Care and Handling Presentation at the 1st UNIMED Student Orientation Training on “Animal Handling and Ethics in Animal Research” held at UNIMED on 7th December 2023

2023 Old Dominion University Departmental Seminar Series held at The CAVE- ECSB Auditorium Department of Biological Sciences, Old Dominion University, Norfolk, Virginis, USA. Title: *Harnessing Nature for Human Wellness – The Case of Medicinal Plants and Chronic Diseases*.

2022 CCARECS – Who we are and what do we do? At the One-day Capacity Building Workshop on Ethics and Integrity in Research held at UNIMED on 7th December 2023

**Some Results of Scientific Research**

1. Established the anticancer effect of Copper(II) Complex with Vanillin 3-ethyl-thiosemicarbazone Ligand
2. Established the antidiabetic effect of *Nymphaea lotus*
3. Established the cytotoxicity of *Nymphaea lotus* in castrate-resistant prostate carcinoma cell line.
4. Determined the cytotoxic fraction of *Nymphaea lotus* and its probable active component.
5. Established the hepatoprotective effect of *Nymphaea lotus* and *Luffa cylindrica.*
6. Established the antigenotoxicity of *Spondias mombin* and *Sida acuta* in different models.
7. Established the Karyotype of six Clarias species from South Western Nigeria.

**Recent Administrative Experience**

2022 till date **Chairman**, Central Committee on Animal-Related Care & Services (CCARECS).

2017 till date **Chairman**, Welfare Committee, Faculty of Science, University of Medical Sciences, Ondo City, Nigeria.

2024 till date **Chairman**: Departmental Laboratory Committee On Purchases

2024 till date **Chairman**: Departmental Students’ Disciplinary Committee

2024 till date **Member**; Departmental Curriculum Review Committee

2022 – 2024 **Subcommittee** **Chairman** – Local organizing committee, University of Medical Sciences, 1st & 2nd Faculty of Science Conference

2023 – 2024 **Deputy Director**, Office of Strategic Planning and Management

2022 – 2023 **Deputy chairman**, University Animal Research Ethics Committee (UAREC)

2020 – 2022 **Chairman**, Committee on Campus Ambience Promotion and Environmental Services, University of Medical Sciences, Ondo City, Nigeria.

2021 – 2022 **Head of Unit**, Environmental Management and Toxicology Unit, Department of Biological Sciences, University of Medical Sciences, Ondo City, Nigeria.

2017 - 2018 **Member**, Business Committee on Harmonization of Curriculum, University of Medical Sciences, Ondo, Ondo State, Nigeria.

**Courses Taught**

**Postgraduate Courses**

AEB 811: Cellular Compartmentalization and Organization 3 units

AEB 816: Human Genetics 3 units

AEB 817: Environmental Mutagens 3 units

AEB 818: Biotechnology of Animal Reproduction 3 units

AEB 825: Macromolecular Structure and Function 3 units

AEB 826: Molecular Genetics 3 units

AEB 827: Advanced Cytogenetics 3 units

AEB 828: Genetic Analysis 3 units

**Number of Postgraduate Students (M.Sc) Supervised 2**

**Number of Undergraduate Students (B.Sc) supervised: 5**

**Number of Postgraduate Students (PhD) currently being supervised 2**

**Number of Postgraduate Students (M.Sc) currently being supervised 5**

**Number of Postgraduate Students (PgD) currently being supervised 2**

**Number of Undergraduate Students (B.Sc) currently being supervised: 0**

**RECENT CONFERENCES AND WORKSHOP ATTENDED WITH PAPER READ:**

**Conferences:**

1. **Oyeyemi IT**, Mann N, Alajroush D, Tonsel-White E, Schroeder EC, Wooten Y, Beebe SJ and Holder AA. Anticancer Effect of a Copper(II) Complex with Vanillin 3-ethyl-thiosemicarbazone Ligand in Triple-negative breast cancer’ Oral Presentation at the 5th National Academy of Science (NAS) Scientific Conference with the theme “Transdisciplinary Research as Catalyst for Nigeria’s Sustainable Development” held at the Tayo Aderinokun Auditorium, University of Lagos on 23rd – 24th January 2024.
2. **Oyeyemi IT,** Ajayi IT, Nabofa EEW. *Jatropha tanjorensis* J.L. Ellis & Saroja inhibited carbon tetrachloride-induced fibrogenesis in carbon tetrachloride-intoxicated Wistar rats. Oral Presentation at the 1st UNIMED Faculty of Science Conference with the theme “Recent Advances in Sciences for Economic and Sustainable Healthcare Promotion” held at the University of Medical Sciences Ondo on 28th – 31st August 2023.
3. **Oyeyemi IT** Effect of *Nymphaea lotus* on diabetes and its complications. Oral presentation at the North–South Scientific Meeting on Natural Product Research organised by Research Awake Africa Initiative held online from 6th – 8th February 2023.
4. TWAS Sixteenth General Conference organized by Zhejiang University, Hangzhou, China, in collaboration with the Chinese Academy of Sciences and the China Association for Science and Technology held online from 21st -24th November 2022.
5. **Oyeyemi IT,** Omape DE, Fageyinbo MS. *Senna alata* (Linn.) ameliorate carbon tetrachloride-induced liver fibrosis via mitigation of oxidative stress. 21st Society for Experimental Biology of Nigeria (NISEB) Annual Scientific Conference with the theme “Experimental Biology: A Panacea to Achieving Sustainable Development Goals in the Post-Pandemic Era” held at Mountain Top University on 29th August – 2nd September 2022.
6. **Oyeyemi IT.**  11th Nigerian Young Academy Conference with the theme “Linking Academic Research, Industry and Policy Engagement for National Development” held at University of Abuja Main Campus, Abuja, Nigeria on 23rd – 26th August, 2021.
7. **Oyeyemi IT**, Babatunde OS, Eludipo TE, Oyeyemi OT. Protective effect of the hydroethanol extract of *Alchornea laxiflora* Linn. leaves on carbon tetrachloride-induced hepatic and renal toxicity. Oral presentation at the Pharma-Food Congress with the theme “Functional Foods and Phytomedicine: Healthy Eating, a key strategy in post-COVID 19 Era” held at the Edo State University, Uzairue, Edo State, Nigeria on 8th – 11th August 2021.
8. **Oyeyemi IT.** 99th Graduate Women in Science National Conference, held online on 10th – 12th June 2021.
9. **Oyeyemi IT.** “International E-conference on Biotechnology, Bioinformatics and Biomedicine 2020” organized by the Faculty of Applied Sciences, AIMST University, Malaysia on 24th -26th August 2020.
10. **Oyeyemi IT.** National Academy of Science First Scientific Conference with the theme “The Role of Science in Attaining the Sustainable Development Goals” held at the University of Lagos Nigeria On 4th – 5th February 2020.
11. **Oyeyemi IT.** Women in Science Academic Summit with the theme “Women in Science and Nigeria’s Development” organized by The Nigerian Academy of Science held at Reiz Continental Hotel, Abuja on 21st -22nd October 2019.
12. **Oyeyemi IT.** First Scientific Conference of African Drosophilists held at The Otunba Subomi Conference Centre, University of Ibadan, Ibadan, Nigeria, 15th -19th, September 2019
13. **Oyeyemi IT.**  9th Nigerian Young Academy Conference with the theme “Mobilizing Momentum for Achieving the Sustainable Development Goals in Africa” held at Ahmadu Bello, Zaria, Nigeria on 26th – 29th August 2019.
14. **Oyeyemi IT**, Oyeyemi OT, Obajaja CK. Protective Effect of the Aqueous Extract of the Leaves *Sida Acuta* Burm. F on Lead Nitrate-Induced Genotoxicity and Its Activity against Fasciola Gigantica. Oral presentation at the EKSU HUMBOLDT KOLLEG 2019 held at Ekiti State University, Ado Ekiti, Ekiti State, Nigeria from 7th – 11th April 2019.
15. **Oyeyemi IT.**  Plant, nature’s mine of therapeutic agents: safety and efficacy. Oral presentation at the 8th Nigerian Young Academy Conference with the theme “Multidisciplinary Research: A Cornerstone for Sustainable Development” held at the University of Medical Sciences, Ondo, Nigeria on 28th – 30th August 2018.
16. **Oyeyemi IT** and Bakare, AA. Genotoxicity and anti-genotoxicity study of aqueous *Spondias mombin* L., using the *Allium cepa* and mouse bone marrow micronucleus assays. Oral presentation at the International Conference (Humboldt-Kolleg) with the theme “Functional Foods and Nutraceuticals: Translating the Knowledge of Food Bioactive Compounds to Effective Health Care Delivery in Developing World” held at Federal University of Technology, Akure, Nigeria on 2nd -6th April 2017.
17. **Oyeyemi IT**, Akanni OO, Adaramoye OA and Bakare AA. Methanol extract of *Nymphaea lotus* (Linn) ameliorated carbon tetrachloride-induced chronic liver injury and inhibit human castrate resistant prostate carcinoma *in vitro.*  Oral presentation at the Alexander Von Humboldt Conference (Humboldt-Kolleg), Osogbo 2017 with the theme “Translating research Findings into Policy in Developing Countries” held at Aenon hotel, Osogbo, Nigeria on 24th to 27th January, 2017.
18. **Oyeyemi IT**, Akanni OO, Adaramoye OA and Bakare AA. Methanol extract of *Nymphaea lotus* (Linn) ameliorated chemical-induced genotoxicity and hepatotoxicity. Postal presentation at the 8th Toxicology Symposium for Africa with the theme “Environmental Pollution and The Biological Effects of Contaminants” held at Gawharat Al Ahram Hotel, Giza, Egypt 29th August to 1st September 2016.
19. **Oyeyemi IT**, Nelson VK, Pal M and Bakare AA. Antigenotoxic and cytotoxic effects of *Spondias mombin* (Linn), *Nymphaea lotus* (Linn), and *Luffa cylindrica* (Linn). 1st Annual Scientific Meeting of Genetic Toxicology Association of Nigeria (GTAN) with the theme “Genetic Toxicology and National Development” held at the Department of Zoology, University of Ibadan, Ibadan, Nigeria on 12th August, 2016.
20. **Oyeyemi IT**, Akanni OO, Adaramoye OA, Nelson VK, Pal M and Bakare AA. Methanol extract of *Nymphaea lotus* (Linn) ameliorated carbon tetrachloride–induced chronic rat liver fibrosis and inhibit human castrate-resistant prostate carcinoma *in vitro*. Postal presentation at the Keystone Symposia Conference with the theme “Human Nutrition, Environment, and Health” held at the World Hotel, Beijing China on October 14-18, 2016.
21. **Oyeyemi IT**, Akanni OO, Adaramoye OA, Nelson VK, Pal M and Bakare AA. Methanol extract of Nymphaea lotus (Linn) ameliorated carbon tetrachloride–induced chronic rat liver fibrosis and inhibit human castrate-resistant prostate carcinoma in vitro. Postal presentation at the Keystone Symposia Conference with the theme “Human Nutrition, Environment, and Health” held at the World Hotel, Beijing China on October 14-18, 2015.

**Workshops/Training/Short course**

1. 4th Annual Grantsmanship and Mentorship Training Programme (GMTP) organized by the Nigerian Institute of Medical Research Foundation (NIMR Foundation) in cooperation with Nigerian Institute of Medical Research held on 15th – 28th September 2024.
2. Virtual International in silico Research Workshop on Molecular Docking, Network Pharmacology, QSAR and ADMET Series 2. Organised by ComBREG held from 19th – 22nd February 2024.
3. Virtual International in silico Research Workshop on Molecular Docking, Network Pharmacology, QSAR and ADMET Series 1. Organised by ComBREG held from 5th – 8th February 2024.
4. Spectroscopy Workshop 2023 organised in honour of Prof Tiwalade Olugbade held at the Department of Pharmaceutical Chemistry, Obafemi Awolowo University, Ile-ife, Nigeria on 9th – 11th October 2023.
5. Africa Research Excellence Fund (AREF) Women in Research Leadership Programme held from 5th August – 5th December 2022
6. African Centres of Excellence (ACE) Partner training: Grant writing of innovation and research proposals held online from 2nd November to 4th November 2022.
7. Workshop on Workshop on Ethics and Integrity in Researchorganized by the University of Medical Sciences held on 12th October 2022.
8. 3rd CERHI-UNIBEN AREF Research Leadership Development Workshop on “Research Communication” Organized by Centre of Excellence for Reproductive Health (CERHI), and Africa Research Excellence Fund (AREF), Medical Research Foundation, UK, held at CERHI Centre, University of Benin from 20th – 24th September, 2021.
9. 2nd CERHI-UNIBEN AREF Research Leadership Development Workshop on “Mentoring” Organized by Centre of Excellence for Reproductive Health (CERHI), and Africa Research Excellence Fund (AREF), Medical Research Foundation, UK, held at CERHI Centre, University of Benin from 12th -16th July 2021.
10. Excellence in Scientific Writing organized by Carps Innovations in Conjunction with Akin Fagbemi Foundation and Foresight Institute of Research and Translation (FIRAT), Ibadan, Nigeria held online on the 7th June 2021.
11. Capacity Building Workshop on Academic Integrity Organized by the University of Medical Sciences, Ondo, Nigeria held on 19th May 2021.
12. AREF 7th Essential Grant Writing Skills Workshop held online on 11th March 21st April 2021.
13. "Two-Day Workshop on Aligning Yourself to the Publishing Process" by Research Academy on Science held online on the 23rd – 24th July 2020
14. "Two-Day Workshop on Aligning Yourself to the Publishing Process" by Research Academy on Science held online on the 23rd – 24th July 2020
15. Research Academy on Science with the theme "The Article Publishing Process: An Elsevier Author Workshop"held online on the 1st June 2020
16. Research Academy on Science with the theme “Introduction to Scopus, Mendeley and Researcher Academy” held online on the 30th April 2020
17. ACEGID-UNIMED Bioinformatics Workshop Organized by the African Centre of Excellence for Genomics and Infectious Diseases (ACEGID) and University of Medical Sciences (UNIMED) held on 25th – 29th November 2019 at the University of Medical Sciences, Ondo, Nigeria.
18. 1st CERHI-UNIBEN AREF Research Leadership Development Workshop Organized by Centre of Excellence for Reproductive Health (CERHI), and Africa Research Excellence Fund (AREF), Medical Research Foundation, UK, held at CERHI Centre, University of Benin from 13th -17th May, 2019.
19. Online course on Research Writing in the Sciences organized by AuthorAID programme at INASP, UK from 4th September to 29th October 2018
20. Capacity Building Workshop for Young (Early-Career) Women Academics in West Africa Organized by The Nigerian Young Academy (NYA) held at Academy House, University of Lagos Campus, Lagos, Nigeria on 7th – 8th March, 2018.
21. Workshop on “Statistical Analysis Using SPSS” organized by the Nigerian Communication Commission and Digital Bridge Institute held at Trauma Conference Room, University of Medical Sciences, Nigeria on 20th – 24th November 2017.
22. Short course on “Building Research for Policy Transfer and Development Implementation” organized by the Centre for Excellence in Reproductive Health Innovation held at the Banquet Hall, University of Benin, Nigeria from 16th July to 22nd July 2017.
23. Workshop on “Basic Statistical Tools for Quality Research” organized by the Laboratory for Interdisciplinary statistical analysis (UI-LISA), University of Ibadan, Ibadan. 3 November, 2015.
24. Workshop on “Plagiarism-Detection Application” organized by the Postgraduate School of the University of Ibadan, Ibadan. 20 March, 2015.
25. Workshop on “Contemporary Issues in Research and Innovation Management in Africa” organized by West African Research and Innovation Management Association. 15-16 July, 2013.
26. Workshop on “Introductory Molecular Biology and Bioinformatics” organized by Centre for Biotechnology and Genetic Engineering (CENBIOGEN), Institute of Advanced Medical Research and Training (IAMRAT), College of Medicine, University of Ibadan In conjunction with World Bank, STEP-B, University of Ibadan, Ibadan, Nigeria. June 16-20, 2013.
27. Workshop on “Biosafety and Good Laboratory Practice” organized by Centre for Biotechnology and Genetic Engineering (CENBIOGEN), Institute of Advanced Medical Research and Training (IAMRAT), College of Medicine, University of Ibadan In conjunction with World Bank, STEP-B, University of Ibadan, Ibadan, Nigeria February 28 – March 1, 2012.

**GRANTS**

2024 AREF Research Development Fellowships

2021 TETFUND Institute Based Research Grant Award

2020 Tetfund National Research Fund Award

2019 University of Medical Sciences, Ondo and Centre of Excellence for Reproductive Health (CERHI) and joint Research Grant Award. 2019

2016. Travel grant by Japan Society for the Promotion of Science to attend the 8th Toxicology Symposium for Africa with the theme “Environmental Pollution and The Biological Effects of Contaminants” held at Gawharat Al Ahram hotel, Giza, Egypt on 29th August to 1st September, 2016.

2015. The Global Health Travel Award funded by the Bill & Melinda Gates Foundation to attend the Keystone Symposium with the theme *"Human Nutrition, Environment and Health” held* October 14 -18, 2015, at the China World Hotel, Beijing, China.

2013 Medical Education Partnership Initiative in Nigeria (MEPIN) mentored research grant award

**FELLOWSHIPS / AWARDS**

2024 Best Female Researcher of the year 2024 from UNIMED

2023 Best Women African Researcher – 2023 from Merck Foundation

2022 Visiting Scientist Old Dominion University, Norfolk, Virginia, USA

2018 2nd best Oral Presentation at the Capacity Building Workshop for Young (Early-Career) Women Academics in West Africa Organized by The Nigerian Young Academy (NYA) held at Academy House, University of Lagos Campus, Lagos, Nigeria on 7th – 8th March 2018.

2016. Award of publication of articles from PhD Thesis by the University of Ibadan Postgraduate School, University of Ibadan, Ibadan, Nigeria.

2012 DBT-TWAS Sandwich Postgraduate Fellowship Award by the Department of Biotechnology, Government of India (DBT) and TWAS, the world academy of sciences 2013-2014

2012 University of Ibadan Postgraduate Scholarship by the Postgraduate School, University of Ibadan, Ibadan, Nigeria. 2012-2016.

**CAPACITY BUILDING ROLES**

1. Mentor to Mawazo Fellowship Postgraduate Students Mentee

**MEMBERSHIP OF LEARNED PROFESSIONAL SOCIETIES:**

1. Fellow; Nigerian Young Academy
2. Member, Organization for Women in Science for The Developing World
3. Treasurer; Genetic Toxicology Association of Nigeria
4. Member; Genetics Society of West Africa
5. Member; Society for Biomedical and Biotechnology Research Africa
6. Member; Society of Experimental Biology (NISEB)

**REFEREES**

Prof Adesegun O. Fatusi, Prof. A.A. Bakare, Prof Olumide A. Ogundahunsi

Vice-chancellor, Department of Zoology, Director, Office of Research and Innovation,

University of Medical Sciences, University of Ibadan, University of Medical Sciences,

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