

CURRICULUM VITAE

(A) GENERAL INFORMATION

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|-----|---|---|
| 1) | NAME: | ADEGOKE Adebiyi Aderinola |
| 2) | DATE AND PLACE OF BIRTH: | 18 th September, 1983/Ikirun. |
| 3) | GENDER: | Male |
| 4) | NATIONALITY | Nigerian |
| 5) | STATE OF ORIGIN: | Osun |
| 6) | LOCAL GOVERNMENT OF ORIGIN: | Irepodun |
| 7) | MARITAL STATUS: | Married |
| 8) | NAMES AND AGE OF CHILDREN: | Adegoke Adeola Angel (5yr)
Adegoke Alexandria A (2yr)
Adegoke Ashley A (3months) |
| 9) | NAME OF NEXT OF KIN/RELATIONSHIP/
TELEPHONE NUMBER | Adegoke Tolulope Mercy
Wife/+2348168799434 |
| 10) | PERMANENT HOME ADDRESS: | No 1, Oke Alafia Street, Obaagun,
Osun State. |
| 11) | E-MAIL ADDRESS: | adebiyi.adegoke@uniosun.edu.ng |
| 12) | REGISTRATION WITH RESEARCHGATE: | Yes |
| 13) | IF YES, PROVIDE LINK: | https://www.researchgate.net/profile/Adegoke-Adebiyi |
| 14) | IF NO, WHY? | Nil |
| 15) | REGISTRATION WITH GOOGLE SCHOLAR: | Yes |
| 16) | IF YES, PROVIDE LINK: | https://scholar.google.com/citations?user=Bw1Tha0AAAAJ&hl=en |

17)	IF NO, WHY?	Nil
18)	CELL PHONE NUMBER:	+2348039266476
19)	COLLEGE/FACULTY/UNIT:	Health Sciences/Basic Medical Sciences/Anatomy
20)	DEPARTMENT:	Anatomy
21)	POSITION OF FIRST APPOINTMENT:	Assistant Lecturer
22)	PRESENT POSITION/SALARY:	Senior Lecturer /CONUASS 5 ²
23)	DATE OF PRESENT POSITION:	1 st of October, 2025
24)	IS YOUR APPOINTMENT CONFIRMED?	Yes
25)	IF NO, WHY NOT?	N/A
26)	DATE OF CONFIRMATION OF APPOINTMENT:	2 nd of December, 2020

(B) EDUCATIONAL BACKGROUND

i) Educational Institutions Attended with Dates

- | | |
|--|--------------------|
| 1) School of Science, Iragbiji, Osun State. (SSCE) | 2000-2003 |
| 2) Ladoke Akintola University of Technology (LAUTECH) Ogbomosho,
Oyo State, Nigeria B.Tech. (Anatomy) | 2004-2009 |
| 3) University of Lagos (UNILAG) M.sc Anatomy | 2011- 2012. |
| 4) Olabisi Onabanjo University (OOU) Ph.D. Anatomy | 2013-2019. |
| 5) Medical Arts Institute (MART Lagos) Advance Clinical Embryology | July 2024 |

ii) Academic and Professional Qualification

- | | |
|---|----------------------|
| 1) SSCE (School of Science Iragbiji) | June 2004 |
| 2) B.Tech. Anatomy (LAUTECH) Second Class Honors | December 2009 |

- | | | |
|---------------------------|-------------|----------------------|
| 3) M.Sc. Anatomy (UNILAG) | Ph.D. Grade | December 2012 |
| 4) Ph.D Anatomy (OOU) | | December 2019 |
| 5) Clinical Embryologist | | July 2024 |

iii) Other Relevant Qualifications None

iv) Honors Awards and Distinctions None

v) Research Fellowships with Dates None

C) WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM:

- i)** Adhoc Staff for Voters Registration and Election (Independent National Election Commission (INEC)) **2011**
- ii)** Human Anatomy and Physiology Tutor (NYSC) (School of Nursing Ilaro) **2010-2011**
Ogun State
- iii)** Lecturer, Anatomy and Physiology (Bethsaida College of Health Technology) Ogbomosho, Oyo State. **2014- 2015**

D) WORK EXPERIENCE IN OTHER UNIVERSITIES

- i)** Anatomy Department, Ladoke Akintola University of Technology **2008**
(Dissection Instructor) (Industrial attachment)
- ii)** Anatomy Department, College of Medicine of University of Lagos **2011-2012**
(Dissection Instructor) Postgraduate Student
- iii)** Department of Anatomy, Faculty of Basic Medical Sciences, Obafemi Awolowo College of Health Sciences, Olabisi Onabanjo University, Ogun State. (*Laboratory supervisor*) Postgraduate student **2013- 2014**

E) WORK EXPERIENCE IN OSUN STATE UNIVERSITY

Assistant Lecturer, Department of Anatomy.	2015-2016
Lecturer II, Department of Anatomy.	2019-2022
Lecturer II, Department of Anatomy.	2019-2022
Lecturer I, Department of Anatomy.	2022-Till Date

F) CO-CURRICULAR PROFESSIONAL EXPERIENCE

Reviewer, Research Journal of Health Sciences, Osun State University

G) MEMBERSHIP OF PROFESSIONAL BODIES

- i) Member Anatomical Society of Nigeria
- ii) Member Society of Experimental and Clinical Anatomists of Nigeria
- iii) Member, Association for Fertility and Reproductive Health

H) SERVICE

i. Department	Student Adviser, 300L Anatomy Class	2015-till date
	Staff Adviser, Anatomy Student Association.	2015-till date
	Member, Student Liaison Committee.	2015-till date
ii. College/Faculty	Member, CHS Transport Committee	2018-till date
	Sport coordinator, Faculty of Basic Medical Sciences	
iii University	Sub-dean of Student Affairs	2021-2024
	(College of Health Sciences)	
	Faculty Coordinator, Directorate of Quality Assurance	2024 Till date
iv Community	Leadership Training for Students of Primary and Secondary Schools	2010-till date

iii) National	National Youth Service Corps	2010
iv) International	None	

J) GRADUATE STUDIES SUPERVISION

Postgraduate Students (PhD)

Name: Tokunbo Olorunfemi Samuel
Matric Number: ANA/2012/0009
Research Title: Analysis of the effects of Endocrine Disruptors (L-Arginine) on the Thyroid activity of Stz-induced Hyperglycemia in Wistar Rat

Name: Oladokun Afeez Opeyemi.
Matric Number: ANA/2014/0036
Research Title: Histological Evaluation of the effects of Ivermectin administration in Streptozotocin Induced Hyperglycemic Wistar Rat

Postgraduate Students (MSc)

Name: Adewole, Mercy Omotola
Matric Number: ANA/2017/0021
Research Title: Polycarbonate Plastic: Histological appraisal of its effect on Diabetic Patient Using animal model (Bisphenol)

Name: Olawale, Aishat Abidemi
Matric Number: ANA/2016/0074
Research Title: Analysis of the effects of Endocrine Disruptors (Perchlorate) on the Thyroid activity of Stz-Induced Hyperglycemic Wistar Rat

Name: Lawal Ummul-Khair Oyindamola
Matric Number: ANA/2015/0051
Research Title: Assessment Pro-Fertility Properties of Annona Muricatain Streptozotocin Induced Ovarian Damage in Female Rat

Name: Laogun Semilore Enoch
Matric Number: ANA/2018/0113
Research Title: Ameliorative Role of L-Arginine on the Pancreas of Perchlorate treated Hyperglycemia in Wistar Rats

K) PUBLICATIONS

- i) **Books(authored/co-authored)** None
- ii) **Books (Edited/co-edited)** None
- iii) **Monographs** None
- iv) **Chapter in books**

- 1) **Adegoke, A. A.** (2025). Psychoactive substance misuse and abuse. In C. O. Alebiosu & P. O. Akinwusi (Eds.), *Drug and crime* (Chap. 12, pp. 121–131). Uniosun Publishing Limited. ISBN: TETFund Number: TETF/DESS/ UNI/OSOGBO/MD/2017-2020/BO1/01

Name of Publisher: Uniosun Publishing Limited

Country of Publication: Nigeria

Type of Publication: Local

- v) **Articles in learned journals**

- 2) **Adegoke, A. A.,** Dare, B. J., Adekomi, D. A., Fatoki, J. O., Ajadi, T. O., Ebiwonjumi, A. S., Ojo, W. A., Ajayi, A. A., Ajayi, A. O., Oni, T. A., Ojo, O. G., & Odutola, T. M. (2025). Analysis of comorbidity in endocrine disruptors of polycarbonate plastics and hyperglycaemic agent in Wistar rat. *FUDMA Journal of Sciences* Vol. 9 No. 11, 2025, pp 123 – 128

DOI: <https://doi.org/10.33003/fjs-2025-0911-4146>

Name of Publisher FUDMA Journal of Sciences, Federal University Dutsin-Ma, Katsina State.

Country of Publication: Nigeria

Type of Publication: Local

- 3) **Adegoke, A. A.**, Dare, B. J., Adekomi, D. A., Oladokun, A. O., Ebiwonjumi, A. S., Ojo, O. G., Gbadeyan, E. T., Temitope, O. M., Ajayi, A. A., & Ajayi, A. O. (2025).

Protective effect of ethanolic leaf extract of *Annona muricata* on streptozotocin-induced diabetic Wistar rats. *FUOYE Journal of Pure and Applied Sciences*.10(3) 70-86

Name of Publisher Faculty of Science, Federal University Oye-Ekiti

Publisher: Nigeria

Type of Publication: Local

- 4) **Adegoke, A. A.**, Dare, B. J., Adekomi, D. A., Fatoki, J. O., Ajadi, T. O., Ebiwonjumi, A. S., Ojo, W. A., Ajayi, A. A., Ajayi, A. O., Oni, T. A., Omole, T. K., Lawal, A., & Olayiwola, B. D. (2025). Industrial dioxin as an endocrine disruptor: Combined effects with hyperglycemia on male reproductive health. *Fountain Journal of Basic Medical and Health Sciences*, 1(2), 126–145. <https://doi.org/10.3389/fendo.2025.1520835>

Name of Publisher Fountain Journal of Basic Medical and Health Sciences,

Publisher: Nigeria

Type of Publication: Local

- 5) **Adegoke, A. A.**, Fadare, M. U., Dare, B. J., Adekomi, D. A., Fatoki, J. O., Ajadi, T. O., Ebiwonjumi, A. S., Ojo, W. A., Ajayi, A. A., Ajayi, A. O., & Oni, T. A. (2025).

Comparative study of some histological features in the pancreas of some mammals having different feeding habits. *Fountain Journal of Basic Medical and Health Sciences*, 1(2), 112–125.

Name of Publisher Fountain Journal of Basic Medical and Health Sciences,

Publisher: Nigeria

Type of Publication: Local

- 6) **Adegoke, A. A.**, Dare, B. J., Adekomi, D. A., Fadare, M. U., Taiwo, F. A., Amusa, O. O., Adegboyega, H. T., Adio, M. P., Ebiwonjumi, A. O., & Ojo, W. A. (2025). Anti-inflammatory role of *Annona muricata* fruit extract on cytoarchitecture of testosterone-induced prostatic hyperplasia in male Wistar rat. *FUDMA Journal of Sciences*, 9(6), 98–104. <https://doi.org/10.33003/fjs-2025-0906-3126>

Name of Publisher FUDMA Journal of Sciences, Federal University Dutsin-Ma, Katsina State.

Country of Publication: Nigeria

Type of Publication: Local

- 7) Kolawole, M. K., Popoola, A. O., & **Adegoke, A. A.** (2024). Assessing vaccination efficacy in high treatment saturation for meningitis control. *Daffodil International University Journal of Science and Technology*, 19(2), 1–10.

Name of Publisher: Daffodil International University,

Country of Publication: Bangladesh

Type of Publication: International

- 8) Dare, J. B., Babawale, O. D., Alabi, P., **Adegoke, A. A.**, Obembe, O. O., Ebele, C., & Fatoki, J. O. (2024). Cadmium implication in massive hepatocellular necrosis and hepatic amyloidosis and the protective role of ivermectin and *Allium cepa* in adult Wistar rats (*Rattus norvegicus*). *European Journal of Anatomy*, 28(5), 591–600.

Name of Publisher: Spanish Association of Anatomy

Country of Publication: Spain

Type of Publication: International

- 9) Oladokun, O. O., Osuntokun, O. S., Adedokun, K. I., Olasile, K. R., Atere, T. G., Adekunle, I. A., & **Adegoke, A. A.** (2022). The hypothalamic-pituitary-testicular axis disruption following haloperidol treatment in male Wistar rats: Protective role of proanthocyanidins rich fraction of *Vitis vinifera* seed. *FUOYE Journal of Pure and Applied Sciences*, 7(2), 1–10.

Name of Publisher: Faculty of Pure and Applied Sciences, FUOYE Ekiti State.

Country of Publication: Nigeria

Type of Publication: Local

- 10) Fatoki, J. O., Kehinde, S. A., **Adegoke, A. A.**, Faokunla, O., Atere, T. G., & Olajide, A. T. (2022). Inhibition of lipid peroxidation and free radical scavenging activities of methanolic leaf extract of *Psidium guajava*. *Research Journal of Health Sciences*, 10(2).

Name of Publisher: College of Health Sciences, Osun State University.

Country of Publication: Nigeria

Type of Publication: Local

- 11) Adekomi, D. A., Olajide, O. J., Adewale, O. O., Okesina, A. A., Fatoki, J. O., Falana, B. A., Adeniyi, T. D., Adegoke, A. A., Ojo, W. A., & Alabi, S. O. (2022). D-ribose-L-cysteine exhibits neuroprotective activity through inhibition of oxido-behavioral dysfunctions and modulated activities of neurotransmitters in the cerebellum of Juvenile mice exposed to ethanol. *Drug and Chemical Toxicology*, 46(4), 746–756.

<https://doi.org/10.1080/01480545.2022.2088783>

Name of Publisher: Taylor and Francis

Country of Publication: United States

Type of Publication: International

12) Dare, B. J., Komolafe, O. M., Abayomi, T. A., **Adegoke, A. A.**, Ajilore, S. B.,

Oladokun, O. O., & Adeleke, O. S. (2021). Protective role of *Dracanea arborea* aqueous extract on cadmium-induced testicular toxicity in adult Wistar rats (*Rattus novergicus*). *Journal of Basic and Applied Medical Research*, 2(1), 16–28.

Name of Publisher: Official Journal of the School of Basic Medical Sciences, University of Benin.

Country of Publication: Nigeria

Type of Publication: Local

13) Dare, B. J., Oyaakeye, O. O., Abayomi, T. A., **Adegoke, A. A.**, Adekomi, D. A., &

Ojewale, A. O. (2021). Characterisation of finger dermatoglyphics traits and other biometric indices among health sciences undergraduates of Osun State University. *Pan African Journal of Life Sciences*, 5(2), 274–281.

Name of Publisher: Faculty of Basic Medical Sciences, LAUTECH, Ogbomosho.

Country of Publication: Nigeria

Type of Publication: Local

14) Adekomi, D. A., **Adegoke, A. A.**, Olaniyan, O. O., & Ogunrinde, A. E., & Ijomone, O.

K. (2019). Effects of alcohol and tramadol co-treatment on cognitive functions and neuro-inflammatory responses in the medial prefrontal cortex of juvenile male rats. *Anatomy*, 13(1), 1–12.

Name of Publisher: Official Journal of Turkish Society of Anatomy and Clinical Anatomy.

Country of Publication: Turkey

Type of Publication: International

- 15) Dare, B. J., Arogundade, B., Awoniyi, O. O., **Adegoke, A. A.**, & Adekomi, D. A. (2018). Dexamethasone as endocrine disruptor: Type I and type II (anti) oestrogenic actions on the ovary and uterus of adult Wistar rats (*Rattus norvegicus*). *JBRA Assisted Reproduction*, 22(4), 307–313.
- Name of Publisher:** Brazilian Society of Assisted Reproduction.
- Country of Publication:** Brazil
- Type of Publication:** International
- 16) Dare, B. J., Chukwu, R. O., **Adegoke, A. A.**, Adeleke, S. O., & Ibiyemi, V. T. (2017). *Garcinia kola* enhances metabolic and hormonal parameters in lead-induced testicular damage in rat model (*Rattus norvegicus*). *Uniosun Journal of Sciences*, 2(1), 30–35.
- Name of Publisher:** Official Journal of Osun State University.
- Country of publication:** Nigeria
- Type of publication:** Local
- 17) Adekomi, D. A., **Adegoke, A. A.**, Tijani, A. A., Olaniyan, A. A., Alabi, M. O., & Ijomone, K. O. (2017). Morphine-alcohol treatment impairs cognitive functions and increases neuro-inflammatory responses in the medial prefrontal cortex of juvenile male rat. *Anatomy and Cell Biology*, 51(1), 41–51.
- Name of Publisher:** Official Journal of Korean Association of Anatomist
- Country of Publication:** Korea
- Type of Publication:** International
- 18) Ashamu, E. A., Salawu, E. O., Oyewo, O. O., Alhassan, A. W., Alamu, O. A., & **Adegoke, A. A.** (2010). Efficacy of vitamin C and ethanolic extract of *Sesamum*

indicum in promoting fertility in male Wistar rats. *International Journal of Human Reproductive Sciences*, 3(1), 11–14.

Name of Publisher Walters Kluwer, Indian society of assisted reproduction

Country of Publication: India

Type of Publication: International

vi) Review articles

19) Adekomi, D. A., Dare, B. J., & **Adegoke, A. A.** (2017). Astrocytes: Lucifer or messiah? *Uniosun Journal of Sciences*, 2(1), vii–viii.

Name of Publisher: Osun State University.

Country of Publication: Nigeria

Type of Publication: Local

vii) Referred conference proceedings None

viii) Un-refereed conference proceedings

ix) Book reviews None

x) Technical reports

xi) Patents and inventions None

xii) Online journals articles None

L) CURRENT RESEARCH ACTIVITIES:

i) Funded research None

ii) Non-funded Research/Self Sponsored Research

Ongoing Research:

1) Sperm morphology and male infertility

2) Antimullerian hormone and female infertility.

- 3) Testosterone and male infertility Anti-inflammatory role of flavonoids of *Annona muricata* fruit juice extract in Streptozocin induced degeneration in pancreas of hyperglycaemic Wistar rats.

M) CONFERENCES ATTENDED

- i) First conjoint international conference on fertility, anatomy and morphological sciences (Lagos sept, 2007)
- ii) 6th annual conference of the anatomical society of Nigeria (Zaria 2008)
- iii) 7th annual conference of the anatomical society of Nigeria (Remo 2010)
- iv) 15th annual conference of society of experimental and clinical anatomists of Nigeria (Abaka 22nd-24th of March, 2016)
- v) 7th annual conference of the anatomical society of Nigeria (Ekiti, 21st-24th of September, 2016)
- vi) 14th annual conference of Association for fertility and Reproductive Health (Abuja, 18th-20th of September 2024)

N) EXTRACURRICULAR ACTIVITIES

Reading and listening to music

O) ANY OTHER RELEVANT INFORMATION

None

P) SUMMARY OF CONTRIBUTION TO KNOWLEDGE

Beginning with drug abuse and psychoactive substances (1), an authored book chapter provided critical insights into the misuse and abuse of psychoactive substances, particularly highlighting their public health burden and criminological implications. This work has broadened understanding of the societal and biological dimensions of substance abuse. Closely related to this is the neuropharmacology of drug abuse (12), which explored the cognitive and neuroinflammatory consequences of alcohol-tramadol co-

treatment in juvenile rats, and the drug interaction and cognitive impairment study (15), which revealed the synergistic neuroinflammatory and cognitive impairment effects of morphine-alcohol interactions. Together, these contributions significantly advance knowledge on the neurotoxicology of commonly abused drugs and their interactions.

In the area of endocrine disruption and reproductive health (2), investigations into the role of industrial dioxins demonstrated their endocrine-disrupting effects and further showed how these can synergize with hyperglycemia to impair male reproductive health. Related work on steroid hormone disruption (13) clarified the complex oestrogenic and anti-oestrogenic actions of dexamethasone on ovarian and uterine tissues in Wistar rats. Extending this focus, the study of endocrine disruptors and diabetes (17) analyzed the comorbid impacts of polycarbonate plastics and hyperglycemia, offering mechanistic insights into environmental toxicants and metabolic disease interplay.

Phytomedicine constitutes a major thread of contribution. For instance, the study on prostate health (3) established the anti-inflammatory potential of *Annona muricata* fruit extract in ameliorating cytoarchitectural changes in testosterone-induced prostatic hyperplasia. This aligns with the work on phytomedicine and reproductive toxicology (10), which investigated the protective role of *Dracanea arborea* extract against cadmium-induced testicular toxicity, and reproductive toxicology and herbal medicine (14), which demonstrated the protective metabolic and hormonal effects of *Garcinia kola* against lead-induced testicular damage. Similarly, antidiabetic phytomedicine (16) showed the antihyperglycemic effects of mistletoe and *Moringa oleifera* aqueous extracts in diabetic models, while diabetes and phytotherapy (19) further reported protective effects of *Annona muricata* ethanolic leaf extract against streptozotocin-induced diabetes. In addition, fertility enhancement research (17) established the fertility-promoting efficacy of Vitamin C and *Sesamum indicum* extract in male Wistar

rats. These contributions underscore the therapeutic potentials of natural products in reproductive health, endocrinology, and metabolic disease management.

Other phytomedicine studies broaden this horizon further. The antioxidant research (8) evaluated *Psidium guajava* leaf extract for its free radical scavenging activity and lipid peroxidation inhibition, establishing its value as a natural antioxidant. Likewise, neuroprotection and nutraceuticals (9) identified the neuroprotective potential of D-ribose L-cysteine against ethanol-induced cerebellar dysfunctions in juvenile mice. Collectively, these studies show strong evidence for nutraceuticals and phytochemicals as protective agents against oxidative stress, neurotoxicity, and metabolic disorders.

Beyond phytomedicine and toxicology, other distinctive contributions include comparative anatomy of the pancreas (4), where a cross-species histological study examined pancreatic morphology across mammals with diverse feeding habits, enriching comparative anatomy and functional histology knowledge. In the realm of epidemiology and public health (5), vaccination efficacy for meningitis control was assessed in high treatment-saturation contexts, providing evidence that informs global health interventions. Toxicology-focused work on hepatoprotection (6) revealed the protective roles of ivermectin and *Allium cepa* against cadmium-induced necrosis and amyloidosis in Wistar rats, contributing to environmental toxicology and hepatoprotective research. Similarly, neuroendocrinology and drug toxicity research (7) highlighted the disruption of the hypothalamic-pituitary-testicular axis by haloperidol and the ameliorative potential of proanthocyanidin-rich *Vitis vinifera* seed extract.

Another notable contribution lies in human anatomy and biometrics (11), where dermatoglyphics and biometric indices among health sciences undergraduates were characterized, providing anthropological and forensic applications. Finally, the review on astrocyte biology (20) critically discussed the dual roles

of astrocytes—whether as “Lucifer or Messiah”—in neurobiology, enriching debates on glial cell functions in brain health and pathology.



ADEGOKE ADEBIYI ADERINOLA

Name

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Signature and Date