**ACHIEVERS UNIVERSITY, OWO**

**CURRICULUM VITAE**

## A. PERSONAL DATA

**1. Full Names:** **OLADIPO, Gideon Oludare**

**2. Date of Birth:** 20th January, 1984.

**3. Contact Address:**

**(a) Physical Address** 49, Ire Akari II, Orita Obele, Akure, Ondo State. Nigeria.

**(b) Email Address(es):** Oladipo.go@achievers.edu.ng

**(c) Mobile Phone Number:** +2347035085589

**4. Nationality:** Nigerian

**5. State of Origin:** Ekiti State

**6. Senatorial District:** Ekiti South

**7. Local Government Area** Ekiti South-West

**8. Permanent Home Address:** 49, Ire Akari II, Orita Obele, Akure, Ondo State.

Nigeria.

**9. Marital Status:** Married

**10. Number of Children** Two (2); five (5) and three (3) years old.

**and their Ages:**

**11. Next of Kin:** Dr. Oladipo Martha Chidinma

**12. Contact Address of Next of Kin:**

**(a) Email Address:** Oladipo.mc@achievers.edu.ng

**(b) Mobile Phone Number:** +2347065351127

**13 Rank/Status on First Appointment:** Lecturer I (AUTSS 4 Step 1)

**14 Present Status:** Senior Lecturer (AUTSS 5 Step 1)

**15 Date of Last Promotion: None**

**16 College/Faculty:** College of Natural and Applied Sciences

(CONAS)

**17. Department/Unit:** Chemical Sciences/Biochemistry

**B. EDUCATIONAL BACKGROUND:**

**1. Higher Educational Institutions Attended with Dates:**

The Federal University of Technology, Akure, Nigeria. Dec., 2015-Feb., 2021.

The Federal University of Technology, Akure, Nigeria. Dec., 2012-Jun., 2015.

Federal University of Technology, Akure, Nigeria. Oct., 2006-Aug., 2011.

**2. Academic and Professional Qualifications and Distinctions Obtained with Dates**

1. Ph.D. Applied Biochemistry February, 2021.
2. M.Tech. Applied Biochemistry, June, 2015.
3. B.Tech. Applied Biochemistry, Aug., 2011.

**3. Other Distinctions and Awards with Dates**

**Academic Awards:** None

**Scholarships:** None

**Fellowships:** Post-Doctoral Fellowship at the Applied Clinical Biochemistry and Molecular Biology Laboratory, Department of Applied Biochemistry, Federal University of Technology, Akure, (2020-2022)

**Research Grants:** None

**National Awards**: None

**International Awards**: None

**C. WORK EXPERIENCES WITH DATES:**

1. **Previous Work Experience outside the University System: All Experience indicating Position, Status, Names and Address**

**Position:** Teaching Assistant

**Status:** Full time employment

**Name and Address:** Department of Biochemistry, Federal University of Technology, Akure (FUTA), Nigeria **January, 2013-Oct., 2021.**

**Position:** Research Associate and Post-Doctoral Fellow,

**Status:** Full time employment

**Name and Address:** Applied Clinical Biochemistry and Molecular Biology Unit, Department of Biochemistry, Federal University of Technology, Akure, Nigeria **July, 2021–Oct., 2022**.

**2. Work experience in other universities with dates**

**Position:** Senior Lecturer (Adjunct)

**Status:** Part-time

**Name and Address:** Department of Biochemistry, Federal University, Oye-Ekiti, Top-Up Degree Program (BESPOTECH) **September, 2019-till date**

**3. Work Experience in the Achievers University**

**Position:** Lecturer I

**Status:** Full time employment

**Name and Address:**  Department of Chemical Sciences, Achievers University, Owo, Nigeria

**January, 2022-till date.**

**4. Undergraduate Courses Taught in the Previous and Current Academic Session**

**Courses Coordinated/Taught**

BCH 415: Industrial Biochemistry

ICH 417: Food Chemistry

BCH 497: Research Project

BCH 407: Seminar

BCH 498: Research Project

BCH 431: Advanced Biochemical Methods 2

BCH 204: Biophysical Chemistry

BCH 410: Tissue Biochemistry

BCH 208: Protein Chemistry and Enzymology

**5. Postgraduate Courses Taught**

BCH 711: Intermediary Metabolism

BCH 707: Carbohydrate Biochemistry

BCH 714: Endocrinology

BCH 712: Tissue Biochemistry

BCH 702: Seminar

BCH 701: General Biochemical Methods

BCH 804: Research Techniques in Biochemistry

BCH 808: Advanced Membrane Biochemistry

BCH 816: Medicinal Chemistry/Phytochemistry

BCH 805: Nutritional Biochemistry

BCH 801: Advanced Metabolism and Control

1. **Graduate Students Supervised**

Okunoye-Oyewole Isaac (AU19AB2599) B.Sc. Dissertation Ongoing 2022/2023

**By Research: (MSc Completed):**

**PhD – Graduated:** None

**Current Supervision**

**Major Supervision:** Oladipo Olumide Samuel (AU22PM121) M.Sc. Thesis Ongoing 2022-2023

**Co-Supervision:** Ibiyemi David Adedotun (AU20PM0066) Ph.D. Thesis Ongoing 2020-2023

**Inter-Institutional Co-Supervision (FUTA):** Braimoh Olaide Bose (BCH/15/3836) M.Tech. Thesis Ongoing 2021-2022

**7.** **Undergraduate Supervision in the Previous and Current Academic Session:** None

**D. MEMBERSHIP OF PROFESSIONAL BODIES:** Nigeria Society of Biochemistry and Molecular Biology.

## E. PUBLICATIONS

## 1. Thesis and Dissertations

1. Antioxidant Properties of Diphenyl Diselenide and Reduced Glutathione in Scavenging 2-Deoxyribose Degradation (B.Tech.).
2. Quail (*Coturnix japonica*) Eggs Yolk and Albumen have Anti-Inflammatory and Antioxidant Properties and can ameliorate Stress in Albino Rats (M.Tech.).
3. Ameliorative Effects of Quail (*Coturnix coturnix japonica* Temminck and Schlegel) Egg on Oxidative Stressin Diabetes and Alzheimer’s diseases Induced Wistar Rats (Ph.D.).

## 2. Books/Monographs

**(a) Authored**

**3. Contribution to Books:** None

**4. Published Journal Articles**

**\* Publications after the last promotion**

1. Ibukun E. O and **Oladipo G. O.** (2016). Lipidomic Modulation in Stressed Albino Rats Is Altered by Yolk and Albumen of Quail (Coturnix japonica) Egg and Poultry Feed. Biochemistry Research International, 2016:1-7.

2. Ibukun E.O. and **Oladipo G.O.**  (2016). Ameliorative Potential of Alcoholic Red Wine Against CCl4-induced Renalotoxicity in Albino Rats. *Kidney Research Journal*, 2016:1-8.

3. Ibukun E. O., Fasomoyin S. M., **Oladipo G. O.**, Nlekerem C. M. and Durojaye. O. (2016). Fatty acids Analyses of n-Hexane Fractions of *Ageratum conyzoides* Leaf. *Journal of Natural Sciences Research*, 6(7):15-18.

4. Ibukun E.O., Durojaiye O., **Oladipo G.O.**, Nlekerem C.M., Fasomoyin S. M. (2016). Spectrophotometric analyses of fatty acids extracts of *Alstonia boonei* De Wild Leaves. *Journal of Natural Sciences Research*, 6(7):38-41.

5. Chidinma Martha Nlekerem, Olusola Oluwatoyin Rachael, **Gideon Oludare Oladipo** and Emmanuel Oluwafemi Ibukun. (2016). GC-MS Analyses of n-Hexane extract and Fatty acids content in *Clerodendrum splendens* (glory flower) Leaf. *Journal of Natural Sciences Research*, 6(11): 61-64.

6. **Gideon Oludare Oladipo** and Emmanuel Oluwafemi Ibukun (2016). Bio-activities of *Coturnix japonica* (quail) egg yolk and albumen against physiological stress. *Journal Food Science Nutrition*. 3(397):1-10.

7. Chidinma Martha Nlekerem, **Gideon Oludare Oladipo** and Emmanuel Oluwafemi Ibukun (2016). Ameliorative potential of methanolic extract of *Clerodendrum splendens* leaf against stress assault. *Journal of Biology, Agriculture and Healthcare*, 47:19-24

8. **Gideon Oludare Oladipo**, Tolulope Oluwaseun Akande, Chidinma Martha Nlekerem and Emmanuel Oluwafemi Ibukun (2016). In vivo attenuation of acute CCl4 hepatotoxicity by alcoholic red wine. *Advances in Life Science and Technology*, 47:1-12

9. Omisope O., **Oladipo G.O.**, Nlekerem C.M. and Ibukun E.O. (2016). In vivo adaptogenic lipidomics of essential oil extract of *Thaumatococcus daniellii* leaf. *Journal of Natural Science Research*, 6(15):134-140

10. Ibukun Oluwafemi Emmanuel, **Oladipo Gideon Oludare** and Nlekerem Chidinma Martha (2016). Comparative study of effects of cod liver oil and quail (*Coturnix japonica*) egg yolk hexane extract in remedizing dyslipidemia in the liver and heart. *Journal of Natural Sciences Research*, 6(17):51-56

11. **Oladipo G.O.**, Nlekerem C.M., Ibukun E.O. (2016). In Vitro Anti-Inflammatory Activities of *Coturnix japonica* Egg Components and Poultry Feed. *Journal of Natural Sciences Research*, 6(17):57-60

12. Ibukun Emmanuel Oluwafemi, Onunkwor Okechukwu Beno, Babalola Oluwafemi Akanji, **Oladipo Gideon Oludare**, Nlekerem Chidinma Martha and Durojaiye Oluwafemi (2016). Cognitive Antihyperlipidemic and Antioxidant Activities of Bitter leaf (*Vernonia amygdalina*) and Scent leaf (*Ocimum gratissimum*). *International Journal of Phytomedicine*, 8(2106):540-550

13. **Gideon Oludare Oladipo**, Chidinma Martha Nlekerem, Emmanuel Oluwafemi Ibukun and Ayodele Oluseyi Kolawole (2018). Quail (*Cortunix japonica*) Egg Yolk Bioactive Components Attenuate Streptozotocin-induced Testicular Damage and Oxidative Stress in Diabetic Rats. *European Journal of Nutrition*, DOI 10.1007//s00394-017-1554-4

14. **Oladipo G.O.**, Oladipo C.M., Ibukun E.O., Bello M., Fasomoyin S.M., Falusi V.O., Odunewu H., Oni A., Olusanya T. (2018). Dyslipidemic Molecules and Histology Architecture in selected Organs of Albino Rat were altered by Bioactive Compounds of Quail Egg Yolk. *United Journal of Biochemistry and Biotechnology*, 1(1): 1-7.

15. **Oladipo G.O.**, Oladipo M.C., Ibukun E.O., Olugbuyi A.O., Omisope O. (2020). Abortifacient efficacy of aqueous-acetone extracts of *Adenopus breviflorus* Benth seed in female albino rats. *Toxicology Reports*, Volume 7, 2020, Pages 1387-1392.

16. **Oladipo G.O.**, Oladipo M.C., Ibukun E.O. and Salawu S.O. (2020). Bioactive constituents of Quail (*Coturnix japonica*) egg attenuated 2-butoxyethanol-induced enzymatic dysregulation, disseminated thrombosis and hemolytic impairment in female Wistar rats. *Journal of Ethnopharmacology*, https://doi.org/10.1016/j.jep.2020.113508

17. Violet Olubunmi Falusi, Sunday Oluwayomi, Bamidele Imoukhuede and **Gideon Oludare Oladipo** (2021). *Alstonia boonei* Leaf Mitigated Deleterious Effects of Experimental Type-II-Diabetes-Mellitus against Pancreatic and Neurocognitive Functions. *Asian Journal of Research in Biochemistry*, 10.9734/AJRB/2020/XXXXX.

\*18. Olugbuyi A.O., **Oladipo G.O.**, Malomo S.A., Ijarotimi S.O., Fagbemi T. N. (2022). Biochemical Ameliorating Potential of Optimized dough meal from plantain (*Musa AAB*), Soycake (*Glycine Max*) and Rice bran (*Oryza Sativa*) Flour Blends in Streptozotocin induced diabetic rats. *Applied Food Research*, https://doi.org/10.1016/j.afres.2022.100097

\*19. Funmilayo Bosede Borokini, Gideon Oludare Oladipo, Olamide Yemisi Komolafe, Kehinde Funto Ajongbolo (2022). Phytochemical, Nutritional and Antioxidant Properties of *Abelmoschus esculentus* Moench L Leaf: A pointer to its fertility potentials. *Measurement: food*, https://doi.org/10.1016/j.meadoo.2022.100034

\*20. Funmilayo Bosede Borokini, **Gideon Oludare Oladipo**, Olamide Yemisi Komolafe, Kehinde Funto Ajongbolo, Martha Chidinma Oladipo (2022). *Abelmoschus esculentus* Moench L. leaf extract inhibited lipid peroxidation and deproteination, and caused dose-dependent spermatogenesis and impaired hormonal synchronism in Wistar rats. *Applied Food Research*, https://doi.org/10.1016/j.afres.2022.100179

\*21. Ayo Oluwadunsin Olugbuyi, **Gideon Oludare Oladipo**, Sunday Abiodun Malomo, Steve Oluwole Ijarotimi, Tayo Nathaniel Fagbemi (2023). Endogenous modulation of oxidative stress and inflammation in rats fed with optimized plantain based flour and dough blends. *Journal of Food Measurement and Characterization,* https://doi.org/10.1007/s11694-023-02071-8

**5. Articles Accepted for Publications**

\*22 **Oladipo Gideon Oludare**, Oladipo Martha Chidinma, Olusanya Temidayo, Borokini Funmilayo Bosede, Akinwale Ibukunoluwa Ayomikun and Ibukun Oluwafemi Emmanuel (2022). Nutraceuticals in Quail (Coturnix japonica) Egg modulated Neuronal Oxidative Stress, Autophagy, Inflammasomes, Apoptosis and PI3K-AKT-mTOR Signaling Pathways impaired by Rotenone in Rats. *Nutrition and Metabolism*

\*23. **Oladipo Gideon Oludare**, Babalola Oluwafemi Akanji, Oladipo Martha Chidinma, Olorunfemi Emmanuel, Ibukun Emmanuel Oluwafemi (2023). Phytochemicals in scent (*Ocimum gratissimum*) and bitter (*Vernonia amygdalina*) leaves administered cognitively, mitigated prophylactic effects of high fat diet (HFD) on hepato-renal syndrome vis a vis hepatic and renal dysfunctions. *Achievers Journal of Scientific Research (AJSR)*

\*24. Oladipo, Martha Chidinma, Oladipo, Gideon Oludare, Ibukun, Oluwafemi Emmanuel, Olorunfemi, Emmanuel , Ibiyemi David Adedotun, Elijah-Afolabi, Temitope, Ogunlade, Oluwatimilehin Lois (2023). Chlorogenic acid-Isolate from White Butterfly (*Clerodendrum volubile* P. Beauv) Leaf Scavenged Reactive Species and Inhibited α-Glucosidase, α-Amylase, and ACE-1: Pointer to Hypoglycemic and Cardioprotective Potentials. *Journal of Natural Medicines.* JONM-D-23-00934

\*25. **Oladipo Gideon Oludare**, Oladipo Martha Chidinma, Olusanya Temidayo, Ibukun Oluwafemi Emmanuel (2023). Pantothenic Acid and Tocopherol-Rich Quail (Coturnix japonica) Egg Yolk modulates Spermatogenesis, Steroidogenesis and Testicular Antioxidant in Diabetic Wistar Rats. *AJBMB-AJ,* **112140**

\*26. **Oladipo Gideon Oludare**, Oladipo Martha Chidinma, Olusanya Temidayo, Ibukun Oluwafemi Emmanuel, Akinola Olufemi Adebisi (2023). Lithium inhibits GSK-3 through disruption of Striatal β-Arrestin, PP2A, and Akt Signaling. *Achievers Journal of Scientific Research (AJSR)*

\*27. Oladipo Gideon Oludare, Oladipo Martha Chidinma, Babalola Oluwafemi Akanji, Ibukun Emmanuel Oluwafemi (2023). Phytol-rich scent (Ocimum gratissimum) and phenol, 2-methoxy-3-(2-propenyl)-rich bitter (Vernonia amygdalina) leaves, mitigated hyperlipidemia-induced prophylaxis in hepatic and renal functions. *Achievers Journal of Scientific Research (AJSR)*

\*28. Ibukun Oluwafemi Emmanuel, Ogunlade Lois Oluwatimilehin, Oladipo Gideon Oludare (2023). *Annona muricata* (Soursop) mitigated Testicular Toxicity and Prostatic Impairment in Testosterone-Propionate-Induced BPH in Male Rats. *Achievers Journal of Scientific Research (AJSR).*

**6. Manuscripts Submitted for Publication**

1. Olatunde, Titilope Saidat, **Oladipo, Gideon Oludare**, Ijarotimi, Oluwole Steve Bolade, Matthew Kolawole (2023). Functional and Physico-Chemical Properties, and Phytochemical Composition of Miracle Berry (*Sysepalum dulcificum*; Schumach. &amp; Thonn. Daniell) Seed: a Pointer to Its Anti-Diabetic Potential. *Journal of Food Science and Quality Management*

2. Oladipo, Martha Chidinma and **Oladipo, Gideon Oludare** (2023). Investigation into the interaction of epicatechin, epigallocatechin and epicatechin-3-gallate in *Clerodendrum volubile* leaf with 3β-HSD and 17β-HSD: A computational approach to spermatogenic modulation. *Computational Biology Journal*.

**7. Books in Preparation:** None

**8. Technical Reports:** None

**F. CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED UP TO DATE**

**AUCONAS 2023 Conference:** Innovative Strategies and Novel Researches in Science and Technology: A Transformation towards sustainable economies and Societies. **June, 2023.**

**Workshop:** Computational Modelling Approaches in Scientific Research and Drug Design. **April, 2023.**

G. CURRENT RESEARCH ACTIVITIES

Drug discovery from natural products for amelioration of prostatic proliferation and testicular toxicity.

**H. SERVICES TO OTHER UNIVERSITIES IN AND OUTSIDE NIGERIA**

**External Examiner/External Assessors:** None

**Programme Establishment/Development/Facilitation:** None

## I. SOME OTHER RELEVANT INFORMATION

**(1) Services within the Department: Head of Department of Chemical Sciences (November, 2023- till date),** Lecturer and Research Supervisor and 200-level Advisor, Biochemistry.

**(2) Service within the College and Faculty:** (1) Chairman of the Scientific Committee on the 2nd Conference of the College of Natural and Applied Science, Achievers University, Owo, Nigeria; and (2) CoC member, 2nd Conference of the College of Natural and Applied Science, Achievers University, Owo, Nigeria

**(3) Services within the University:** Member, Business Committee of Senate, Achievers University, Owo, Nigeria.

**(4) Services outside the University in Nigeria:** None

**(5) Others:** Research Associate, Applied Clinical Biochemistry, Molecular Biology, and Computational Biology Research Laboratory, Headed by Professor Ibukun Oluwafemi Emmanuel.

**Signature and Date**