

CURRICULUM VITAE

I. PERSONAL DATA:

- a) NAME: Ibitoye, Oluwayemisi Beatrice (Nee Ojewuyi)
- b) DATE OF BIRTH: 13th June, 1984
- c) CURRENT POSTAL ADDRESS: 7, Abdulkareem Street Off. Gerewu Road, Adewole, Ilorin.
- d) MARITAL STATUS: Married
- e) TEL. NO. AND E-MAIL ADDRESS: 08066312246; ojeyemisi@yahoo.com, inestimableyemi@gmail.com
- f) PRESENT STATUS AND INSTITUTION: Lecturer I (CONUASS 04 Step 03)/ Al-Hikmah University, Ilorin. Nigeria.

II. UNIVERSITIES ATTENDED (With Dates):

- a. University of Ilorin, Ilorin (Ph.D) 2010 – 2015
- b. University of Ilorin, Ilorin, Nigeria (M.Sc.) 2008 – 2010
- c. University of Ilorin, Ilorin, Nigeria (B.Sc.) 2003– 2006

III. ACADEMIC AND PROFESSIONAL QUALIFICATIONS (With Dates):

- a. Ph.D Biochemistry (University of Ilorin, Ilorin) 2015
- b. M.Sc. Biochemistry (University of Ilorin, Ilorin) 2010
- c. B.Sc. Biochemistry (University of Ilorin, Ilorin) 2006
- d. SSCE (WASSCE) 2001

IV. SCHOLARSHIPS, PRIZES AND FELLOWSHIPS:

- a. Best Lecturer of 2015/2016 Academic Session Award by the National Association of Biochemistry Students
- b. Best overall student in 1998/1999 Session ECWA Secondary School Ganmo, Kwara State.

V. HONOURS, DISTINCTIONS AND MEMBERSHIP OF LEARNED SOCIETIES:

- i. Nigerian Society of Biochemistry and Molecular Biology 2012 – date
- ii. Nigerian Society for Experimental Biology 2010 – date

VI. EXPERIENCE SINCE BASIC QUALIFICATION:

a. ACADEMIC EXPERIENCE

Lecturer I, Department of Biological Sciences,
Al-Hikmah University, Ilorin

October 1, 2016 – Date

Lecturer II, Department of Biological Sciences,
Al-Hikmah University, Ilorin

October 1, 2014 – 2016

Assistant Lecturer, Department of Biological Sciences,

Al-Hikmah University, Ilorin

January 3, 2012 – September, 2014

- b. ADMINISTRATIVE EXPERIENCE (Departmental Level)
- i. Acting Head, Department of Biological Sciences Aug. 2018 – Sep. 2018
 - ii. Chairperson, Committee for Office allocation 2016 - date
 - iii. Level Adviser 2013 - date
 - iv. SIWES Coordinator, Biological Sciences (Biochemistry) 2013 – 2015
 - v. File Officer 2013 – date
 - vi. Member, Departmental Research and Ethical Committee 2013 – date
 - vii. Departmental Treasurer 2013 – date
 - viii. Departmental Project Coordinator 2015 - 2016

VII. RESEARCH INTERESTS:

- a. Phytomedicine
- b. Food, Biochemical and Cellular Toxicology
- c. Free Radical and Antioxidant Research

VIII. COURSES TAUGHT (in the last five (7) years):

a. At Undergraduate Level:

Course Code	Title	Credit Unit
1. BCH 203	Introduction to Cellular Biochemistry	2
2. BCH 204	Introduction to General Metabolism	2
3. BCH 301	Lipid Metabolism	3
4. BCH 304	Amino acid Metabolism	3
5. BCH 306	Bioenergetics	3
6. BCH 308	Carbohydrate Metabolism	2
7. BCH 410	Seminar	2
8. BCH 421	Food, Science and Technology	3
9. BCH 424	Special Topics	3
10. BCH 425	Clinical and Forensic Biochemistry	3
11. BCH 426	Tissue Biochemistry	3
12. BCH 428	Pharmaceutical Biochemistry	3
13. BCH 499	Research Project	5

b. At the Postgraduate Level: Nil

IX. SUPERVISION OF POSTGRADUATE STUDENTS (List some): Nil

X. PUBLICATIONS:

a. THESES

- i. Antisickling Potential and Toxicological Effects of Aqueous Extract of *Daucus Carota* Seeds
Ph.D. Biochemistry (2015)
- ii. Assessment of Erythrocyte of Rats As An Osmometer for In-Vitro Drug-Cell Interaction Studies.
M. Sc. Biochemistry (2010)
- iii. Effects of Administration of Aqueous Extract of *Mormodica charantia* Seeds and Gunpowder on the Alkaline Phosphatase Activity of Female Rat Uterus. B.Sc. Biochemistry (2006)

A. AUTHORED AND CO-AUTHORED BOOKS: Nil

B. EDITED AND CO-EDITED BOOKS: Nil

C. PUBLISHED JOURNAL ARTICLES:

1. Akanji, M. A., Ojewuyi, O. B., and Yakubu, M. T. (2013) Assessment of Erythrocytes as a Model for In-Vitro Drug Toxicity. Fountain Journal of Natural and Applied Sciences 2(1): 6-10. A publication of College of Natural and Applied Sciences, Fountain University, Osogbo, Nigeria. Available online at <http://fountainjournals.com/index.php/fujnas/article/view/53>
2. Ajiboye T. O, Raji, H. O., Murtala, H. F., Ojewuyi, O. B and Yakubu, M. T (2013). Anthocyanin extract of *Lannea microcarpa* fruits stall Aflatoxin B₁- mediated oxidative rout on cellular proteins, lipids and DNA. Food Bioscience 4:58 – 67. An official journal of Jiangnan University, China. Published by Elsevier LTD, Oxford. Available online at <http://www.sciencedirect.com/science/article/pii/S221242921300062X>
3. Adeleye, A. O., Ajiboye, T. O., Iliasu, G. A., Abdussalam, F. A., Balogun, A., Ojewuyi, O. B. and Yakubu, M. T. (2014). Phenolic extracts of *Dialium guineense* pulp enhance reactive oxygen species detoxification in aflatoxin B₁ hepatocarcinogenesis. Journal of Medicinal Foods. 17 (8): 875 – 885. An Official Journal of the Korean Society of Food Science and Nutrition. Available online at <http://online.liebertpub.com/doi/abs/10.1089/jmf.2013.0157>
4. Ojewuyi, O.B, Ajiboye, T. O, Adebajo, E. O., Balogun, A and Mohammed, A. O. (2014). Proximate composition, phytochemical content and minerals of young and mature *Polyalthia longifolia* Sonn. leaves. Fountain Journal of Natural and Applied Sciences, 3(1):10-19.
5. Ajiboye, T. O., Iliasu, G. A., Ojewuyi, O. B., Abdulazeez, A. T. Muhammed, A. O. and Kolawole, F. L. (2014). Sorghum-based alcoholic beverage, Burukutu, perturbs the redox status of the liver of male rats. Food Science and Nutrition 2(5): 591-596. A Publication supported by Institute of Food Science and Technology and Society of Applied Microbiology Published by John Wiley and Sons. Available online at <http://onlinelibrary.wiley.com/doi/10.1002/fsn3.139/abstract>
6. Ajiboye, T. O., Adeniran, F. A., Ojewuyi, O. B. and Sunmonu, T. O. (2014). Hibiscus sabdariffa drink reduces postprandial hyperglycemia, dyslipidemia and oxidative stress in healthy. Free Radical Biology and Medicine Volume 76(S1):S100
<http://10.1016/j.freeradbiomed.2014.10.264>
7. Ajiboye, T. O., Adeleye, A. O., Salau, A. K., Ojewuyi, O. B., Adigun, N. S., Sabiu, S. and Sunmonu, T. O. (2014). Phenolic extract of *Parkia biglobosa* fruit pulp stalls aflatoxin B₁ mediated oxidative rout in the liver of male rats. Brazilian Journal of Pharmacognosy 24(6): 506 - 515. Available online at <http://journals.elsevier.com/revista-brasileira-de-farmacognosia>
8. Ajiboye, T. O., Alabi, K. A., Ariyo, F. A., Adeleye, A. O., Ojewuyi, O. B., Balogun, A. and Sunmonu, T. O. (2014). 2-(2-nitrovinyl) furan promotes protein, lipid and DNA oxidation in the liver and kidney of male rat. Journal of Biochemical and Molecular Toxicology 29(3): 114-22.
9. Yakubu, Musa Toyin, OgunroOlalekan Bukunmiand Ojewuyi, Oluwayemisi Beatrice. (2015). Attenuation of Biochemical and Histological Indices of Alloxan Toxicity In Male Rats By Aqueous Extract of *Fadogia agrestis* (Schweinf. Ex Hiern) Stem. Iranian Journal of Toxicology
10. Ajiboye, T.O., Iliasu, G. A., Adeleye, A. O., Ojewuyi, O. B., Kolawole, F. L., Bello, S. A. and Mohammed, A. O. (2016). Fermented sorghum/millet based beverage, Obiolor, extenuates high fat diet-induced dyslipidemia and redox imbalance in the liver of rats. Journal of Science of Food and Agriculture 96(3): 791 – 797.
11. Ajiboye, T. O., Raji, H. O., Adeleye, A. O., Adigun, N. S., Giwa, O. B., Ojewuyi, O. B. and Oladiji, A. T. (2016). Hibiscus sabdariffa calyx palliates insulin resistance, hyperglycemia, dyslipidemia and oxidative rout in fructose-induced metabolic syndrome rats. Journal of Science of Food and Agriculture 96: 1522 – 1531.

12. Ajiboye, T. O., Naibi, A. M., Alege, I. O., Mohammed, A. O., Bello, S. A., Yusuf, I. I., Ibitoye, O. B., and Muritala, H. F. and Onajobi, I. B. (2016). Involvement of oxidative stress in bactericidal activity of 2-(2-nitrovinyl) furan against *Escherichia coli*, *Pseudomonas aeruginosa* and *Staphylococcus aureus*. *Microbial Pathogenesis* 91:107-114.
13. Ajiboye, T. O., Mohammed, A. O., Bello, S. A., Yusuf, I. I., Ibitoye, O. B., Muritala, H. F. and Onajobi, I. B. (2016). Antibacterial activity of *Syzygium aromaticum* seed: Studies on oxidative stress biomarkers and membrane permeability. *Microbial pathogenesis* 95: 208 - 215.
14. Ajiboye, T.O., Hussaini, A. A., Nafiu, B. Y. and Ibitoye, O. B. (2017). Aqueous extract of *Hunteria umbellata* (K. Schum.) Hallier f. (Apocynaceae) palliates hyperglycemia, insulin resistance, dyslipidaemia, inflammation and oxidative stress in high-fructose diet-induced metabolic syndrome in rats. *Journal of Ethnopharmacology* 198:184-193.
15. Ajiboye, T. O., Aliyu, M., Isiaka, I., Haliru, F. Z., Ibitoye, O. B., Uwazie, J. N., Muritala, H. F., Bello, S. A., Yusuf, I. I. and Mohammed, A. O. (2016). Contribution of reactive oxygen species to catechin-mediated bacterial lethality. *Chemico-Biological Interactions* 258:276-287.
16. Ajiboye, T.O., Aliyu, H., Tanimu, M. A., Muhammad, R. M. and Ibitoye, O. B. (2016). *Dioscoreophyllum cumminsii*(Stapf) Diels leaves halt high-fructose induced metabolic syndrome: Hyperglycemia, insulin resistance, inflammation and oxidative stress. *Journal of Ethnopharmacology* 192(4): 471 – 479. Available online at <http://www.sciencedirect.com/science/article/pii/S0378874116305499>
17. Ajiboye, T. O., Habibu, R. S., Saidu, K., Haliru, F. Z., Ajiboye, H. O., Aliyu, N. O., Ibitoye, O. B., Uwazie, J. N., Muritala, H. F., Bello, S. A. and Mohammed, A. O. (2017). Involvement of oxidative stress in protocatechuic acid-mediated bacterial lethality. *Microbiology Open* 6: e472. Available online at <http://onlinelibrary.wiley.com/doi/10.1002/mbo3.472/epdf>
18. Ajiboye, T. O., Ahmad, F. M., Daisi, A. O., Yahaya, A. A., Ibitoye, O. B., Muritala, H. F. and Sunmonu, T. O. (2017). Hepatoprotective potentials of *Phyllanthus muellarianus* leaf extract: Studies on hepatic, oxidative stress and inflammatory biomarkers. *Pharmaceutical Biology* 55(1): 1662-1670.
19. Ibitoye, O. B., Ghali, U. M., Adekunle, J. T., Uwazie, J. N. and Ajiboye, T. O. (2017). Antidyslipidemic, anti-inflammatory and antioxidant activities of aqueous leaf extract of *Dioscoreophyllum cumminsii* (Stapf) Diels in high-fat diet-fed rats. *Evidence-Based Complementary and Alternative Medicine* Volume 2017, Article ID 8128125: 1 – 8. Available online at <https://www.hindawi.com/journals/ecam/2017/8128125/>
20. Ibitoye, O. B., Uwazie, J. N. and Ajiboye, T. O. (2017). Bioactivity-guided isolation of kaempferol as the antidiabetic principle from *Cucumis sativus* L. fruits. *Journal of Food Biochemistry* (In press; DOI: 10.1111/jfbc.12479)
21. Ibitoye, O. B. and Ajiboye, T. O. (2017). Dietary phenolic acids reverse insulin resistance, hyperglycaemia, dyslipidemia, inflammation and oxidative stress in high-fructose diet induced metabolic syndrome rats. *Archives of Physiology and Biochemistry* (In press; DOI: 10.1080/13813455.2017.1415938).
22. Ibitoye, O. B., Aliyu, N. O. and Ajiboye, T. O. (2018). Tiger nut oil-based diet improves the lipid profile and antioxidant status of male albino rats. *Journal of Food Biochemistry* 2018 (In press. DOI: 10.1111/jfbc.12587).
23. Ibitoye, O. B. and Ajiboye, T. O. (2018). Contributions of reactive oxygen species generation to the synergistic interaction between (+)-Catechin and quinolones. *Microbiology Open* 2018 (In press).
24. Ibitoye, O. B. and Ajiboye, T. O. (2018). Menadione-induced cell death in rat brain: Studies on antioxidant enzymes, apoptotic and oxidative stress biomarkers. *Biomedicine and Pharmacotherapy* 2018 (In press).

25. Ibitoye, O. B. and Ajiboye, T. O. (2018). Protocatechuic acid protects against menadione-induced liver damage by up-regulating nuclear erythroid-related factor 2. *Drug and Chemical Toxicology* (In press).
26. Ibitoye, O. B. and Ajiboye, T. O. (2018). Protective influence of *Phyllanthus muellarianus* on ciprofloxacin-induced neurotoxicity in male rats. *Journal of Dietary Supplements* (Manuscript submitted).

D. PUBLISHED CHAPTERS IN EDITED BOOKS:

Ajiboye, T. O., Uwazie, J. N., Haliru, F. Z., Ibitoye, O. B., Sunmonu, T. O., Yakubu, M. T. and Akanji, M. A. (2017). Mechanisms of action of columbamine, jatrorrhizine and magnoflorine as antidiabetic agents. In: Govil, J. N. (Ed) *Metabolic syndrome on Recent Progress in Medicinal Plant*. Ed.

XII. RESEARCH OUTPUT – CONFERENCES, SEMINARS & WORKSHOPS ATTENDED

(With Dates):

- i. 32nd Annual Scientific Conference of Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at University of Calabar, Calabar, Nigeria, November 14 – 17, 2012.

Ojewuyi, O.B., Akanji, M. A. and Yakubu, M. T. (2012). Assessment of Erythrocytes from Male Wistar Rats for In- Vitro Cell-Drug Interaction; A paper presented at the 32nd Annual Scientific Conference of Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at University of Calabar, Calabar, Nigeria, November 14 – 17, 2012.
- ii. Towards Excellence In Teaching and Research (For Staff of Tertiary Institutions). A One Day Training Workshop organized by; The Centre for Research Development and In-House Training (CREDIT), University of Ilorin, Ilorin on 19 February, 2013.
- iii. 13th Annual Scientific Conference of Nigerian Society for Experimental Biology (NISEB) held at University of Ilorin, Ilorin. Nigeria, March 5th – 8th, 2013. (No paper presented)
- iv. 14th Annual Scientific Conference of Nigerian Society for Experimental Biology (NISEB) held at Ladoke Akintola University of Technology, Ogbomoso, Nigeria. May 3th, 2014. Papers presented are;
 - a. Ajiboye, T. O., Adeleye, A. O., Salau, A. K., Ojewuyi, O. B., Adigun, N. and Sunmonu, T. O. (2014). Phenolic extract of *Parkia biglobosa* fruit pulp stalls aflatoxin- B mediated oxidative rout in the liver of rats. Paper presented at the Annual Conference and General Meeting of Nigerian Society for Experimental Biology (NISEB) held at Ladoke Akintola University of Technology, Ogbomoso, Nigeria.
 - b. Ajiboye, T. O., Raji, K. O., Adeleye, A. O., Ojewuyi, O. B., Sabiu, S. and Sunmonu, T. O. (2014). Leachate contaminated groundwater promotes oxidative onslaught in the liver and kidney of male rats. Paper presented at the Annual Conference and General Meeting of Nigerian Society for Experimental Biology (NISEB) held at Ladoke Akintola University of Technology, Ogbomoso, Nigeria.
 - c. Ajiboye, T. O., Iliasu, G. A., Ojewuyi, O. B., Abdulazeez, A. T., Muhammed, A. O. and Kolawole, F. L. (2014). Sorghum-based alcoholic beverage, Burukutu, perturbs redox

homeostasis of the liver of male rats. Paper presented at the Annual Conference and General Meeting of Nigerian Society for Experimental Biology (NISEB) held at Ladoko Akintola University of Technology, Ogbomoso, Nigeria.

- d. Ojewuyi, O. B., Ajiboye, T. O., Abdulkadir, A., Mustapha, S. and Ibrahim, N. (2014). Antioxidant and Hepatoprotective properties of aqueous extract of Theobroma cacao stem bark against acetaminophen-induced liver damage in rats. Paper presented at the 14th Annual Conference and General Meeting of Nigerian Society for Experimental Biology (NISEB) held at Ladoko Akintola University of Technology, Ogbomoso, Nigeria
- v. 10th FASBMB and 34th Annual Scientific Conference of Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at Idris Legbo Kutigi International Conference Centre, Minna, Nigeria, November 2 – 6, 2015.
Paper presented;

Ajiboye, T. O., Ahmad, F. M., Daisi, A. O., Yahaya, A. A., Ibitoye, O. B. and Sunmonu, T.O. (2015). Hepatoprotective potentials of Phyllanthus muellerianus leaf extract: Studies on Hepatic, Oxidative Stress and Inflammatory Biomarkers.
- vi. A 2-day Workshop on Basic Teaching and Assessment Skills for the Lecturers of Al-Hikmah University, Ilorin, held on Tuesdaynd and Wednesdayrd February, 2018 at the Main Auditorium, Al-Hikmah University, Ilorin.
- vii. 18th Annual Conference of Society for Experimental Biology of Nigeria (NISEB) held at Landmark University, Omu-Aran, Kwara State, Nigeria, between 2nd and 4th July, 2018. Paper presented;
Ibitoye, O. B. and Ajiboye, T. O. (+)-Catechin potentiates the antibacterial activity of quinolones-based antibiotics against Acinetobacter baumannii.

XIII. COMMUNITY SERVICE:

Community (Peer) Health Educator

XIV. EXTRA-CURRICULAR ACTIVITIES: Meeting people from cross-cultural background

XV. REFEREES

1. PROF. M. A. AKANJI
Biochemistry Department
University of Ilorin
P.M.B 1515
Ilorin.
Kwara State.
08034725751
08055933972
2. PROF. J.O. FASORANTI
Department of Biological Sciences
Al-Hikmah University
P.M.B 1601
Ilorin.
Kwara State.
08035604747

3. PROF. M.T YAKUBU
Biochemistry Department
University of Ilorin
P.M.B 1515
Ilorin.
Kwara State.
08037544437