

CURRICULUM VITAE

01. PERSONAL DATA

- (i) Name in Full: ADEKOLA Mukaila Babatunde
- (ii) Date of Birth: 5th February, 1980
- (iii) Place of Birth: Osogbo
- (iv) Age: 42 years
- (v) Sex: Male
- (vi) Marital status: Married
- (vii) Nationality: Nigerian
- (viii) Town and State Origin: Ede, Osun State
- (ix) Contact Address: Department of Environmental Management & Toxicology, College of Environmental Resources Management Federal University of Agriculture, P. M. B. 2240, Abeokuta, Nigeria
- (x) Phone Number: +2347062399166, +2348057875041
- (xi) E-mail Address: adekolamb@funaab.edu.ng
- (xii) Present Post and Salary: Lecturer II CONUASS 03 step 3 (₦ 2,035,373.04 per annum)
- (xiii) Post on Promotion: Lecturer I

02. EDUCATIONAL BACKGROUND

- (i) Educational Institutions Attended (with Dates)
 - (a) Saint Georges R.C.M. Primary School, Ofatedo - 1989-1994
 - (b) Ido Osun High School - 1994-1999
 - (c) Adekunle Ajasin University, Akungba Akoko - 2004-2008
 - (d) Obafemi Awolowo University, Ile Ife - 2010-2014
 - (e) Obafemi Awolowo University, Ile Ife - 2014-2019
- (ii) Academic Qualifications Obtained (with dates)
 - (a) Primary School Leaving Certificate - 1994
 - (b) Senior Secondary School Certificate - 1999
 - (c) B. Sc. Biochemistry - 2008
 - (d) M. Sc. Biochemistry (Toxicology option) - 2014
 - (e) Ph. D. Biochemistry - 2019
- iii. Scholarships, Awards and Prizes: Nil

03. WORK EXPERIENCE

Professional Experience/ Work Experience in other Universities

- (i) D-al Ameen Nigeria limited, Medical Laboratory and Blood Banking Services, Yemetu, Ibadan, Oyo State (Industrial Training) 2005-2006
- (ii) Class Teacher (NYSC) at GSS Tundun Gwandara Secondary School, Nasarawa State. 2009-2010 Lafia
- (iii) Trade Observer-Nestle Project Trade Max 2010
- (iv) Part-time Lecturer at Osun State College of Technology, Esa-Oke 2011-2013
- (v) Biology Lecturer at Cambridge Class, Ostrich Success International College, Ode-Omu, Osun State 2014-2017
- (vi) Biology Lecturer at Osun State University Centre for Pre-Degree Studies 2015-2017

Work Experience in Federal University of Agriculture

- (i) Assistant Lecturer, EMT Department, FUNAAB, Ogun State 201 -2019
- (ii) Lecturer II, EMT Department, FUNAAB, Ogun State 2019-Date
Area of specialization: Biochemistry (Toxicology option)

Courses Taught at undergraduate level

Course Code	Course Title	Units	No. of Students	Contact Hours	No of Lecturers
EMT 301	Introduction to Toxicology	2	21	2	1
EMT 304	Hazardous Substances Management	3	109	2	2
EMT 312	Environmental Aspects of Pesticides and other Toxicants Usage	3	30	2	1
EMT 407	Principle of Toxicology I	3	29	2	1
EMT 413	Experimental Pesticides Chemistry and Residues Analysis	1	109	2	3
EMT 503	Principle of Toxicology II	2	15	2	2

Supervision of Undergraduate Students

B. Sc. Environmental Management and Toxicology Project
Fifteen (15) Completed

Three (3)

Ongoing

04. SPECIAL ASSIGNMENTS/COMMUNITY SERVICES

a. Departmental Assignments

- i. Member, Examination Questions Preparation and Coordination Committee 2017-Date
- ii. Member, Results Preparation and Processing Committee 2017-Date
- iii. Level Coordinator, 100 level 2018-Date
- iv. Assistant coordinator, Departmental Part-time Program 2019-Date

b. College Assignment

- i. Member, College Board of Environmental Resources Management (COLERM) 2017-Date
- ii. College Representative on the Board of COLBIOS 2019-2021

c. University Assignment

- i. Member, Time-Table and Examination Committee TIMTEC- 2021-Date

d. Community Service

- i. Youths/Children Teacher, Cele Tuntun Community Mosque, Kotopo Area, Abeokuta, Ogun State 2020-Date
- ii Assistant Imam, Cele Tuntun Community Mosque, Kotopo Area, Abeokuta, Ogun State 2020-Date
- iii Presenter, Dawah Front Obantoko Axis 2021-Date
- iv. Guest Speaker at Academic Excellence Initiative (AEI); Egba/Yewa Zone. Salawu Abiola Comprehensive High School Nov 2021

05. TRAINING PROGRAMMES ATTENDED WITH DATES

- i. Academic Retreat on University Ethics, Pedagogy, and Examination Matters, organized by Federal University of Agriculture, Abeokuta, FUNAAB, June, 2021
- ii. Career Progression Workshop: What is expected of Academics organized by the department of EMT, FUNAAB July, 2021.
- iii. Research and Innovation Seminar Series on Zoom Platform; Institutional Research Culture in the University and Global Best Practice in Research, organized by Lagos State University Directorate of Research Management and Innovation, Mar., 2022

06. COMMENDATION: Nil

07. MEMBERSHIP OF PROFESSIONAL BODIES

- i. Member, Nigeria Society of Biochemistry and Molecular Biology (NSBMB)

08. RESEARCH INTEREST OR COMMISSIONED PROJECTS

(a) Completed Research

- i. Levels and Health Risk Assessment of Organochlorine Pesticides Residues in Staple Foods from Abeokuta. 2020

(b) In Progress

- i Pesticidal Effects of *Blighia sapida* Stem Bark Extract on Metabolizing Enzymes and Kidney Biomarkers
- ii Ameliorative Effects of Medicinal Plant on Lead Toxicity

09. PUBLICATIONS

a. Research Report, Dissertation, and Thesis

- i. Adekola, M. B. (2008): Anti-Diabetic Effects of *Urena lobata* in Streptozotocin-Induced Diabetic Rats. B. Sc. Research Report submitted to Department of Biochemistry, Adekunle Ajasin University, Akungba Akoko, Nigeria, 121p.
- ii. Adekola, M. B. (2014): Toxicological Profiles of Direct Administration of Extract of *Gossypium barbadense* (Linn.) Leaves on Albino Rats. M. Sc. Dissertation, Obafemi Awolowo University, Ile – Ife, Osun State, Nigeria, 106p.
- iii. Adekola, M. B. (2019): Evaluation of Antiplasmodial Activity and Toxicological Potential of Ethanol Stem- Bark Extract of *Blighia sapida* (Koenig). Ph.D. Thesis, Obafemi Awolowo University, Ile – Ife, Osun State, Nigeria, 178p.

b. Articles in Learned Journals

1. Omonkhua, A. A., Onoagbe, I. O., Fajimeye, I. A., Adekola, M. B. and Imoru, Z. A. (2014): Long-term anti-diabetic and anti-hyperlipidaemic effects of aqueous stem bark extracts of *Irvingia gabonensis* in streptozotocin-induced diabetic rats. *An international Journal of Nigerian Society for Experimental Biology*, 26(1): 1- 8. Published by Nigerian Society for Experimental Biology. Available at <http://www.bioline.org.br/bk>
2. Adekola M. B., Areola J. O., Tijani A. S., Adebisi A. E. Olatoye T. R. and Babalola O. O. (2015): Toxicological profiles of direct administration of extract of *Gossypium barbadense* (Linnaeus) leaves. *Journal of Medicine and Medical Sciences*, 6(8): 162-171. Published by College of Medicine, University of Lagos, Lagos, Nigeria. Available at <http://dx.doi.org/10.14303/jmms.2015.112>.
3. Apalowo, O. E., Adekola, M. B., Asaolu, F. T., Oriyomi, O. V., Ogunleye, G. S., Areola, J. O. and Babalola, O. O. (2019): GC-MS analysis and inhibitory effect of *Kigelia africana* Leaf extract and fractions on 5lipoxygenase. *Journal of Pharmacognosy and Phytochemistry*, 8(2):

625-628. Published by [Society of Pharmacognosy and Phytochemistry](#). Available at www.phytojournal.com. Indexed in Copernicus and Pubshub.

- ^{*f} 4. Adekola, M. B., Areola, J. O., Omisore, N. O., Asaolu, F. T., Ogunleye, S. G., Apalowo, O. E., and O. O. Babalola (2020): Sub-chronic toxicity study of ethanol stem-bark extract of *Blighia sapida* (Sapindaceae) in wistar rats. *Heliyon, Elsevier*, 6: (1-6) e02801. Published by Elsevier, Amsterdam, The Netherlands. Available at <https://doi.org/10.1016/j.heliyon.2019.e02801>. Indexed in Scopus and Scimago,
- ^{*f} 5. Adekola, M. B., Areola, J. O., OriyomI, O. V., Apata, J. T., Apalowo, O. E., Adesina, A. F., and Babalola, O. O. (2020): Brine Shrimps Lethality Test of Ethanol Extract and Gas Chromatography-Mass Spectrometry Analysis of Ethyl Acetate Fraction of *Blighia sapida*. *Asian Journal of Pharmaceutical and Clinical Research*, 13(8): 1-5. Published by Innovare Academic Sciences Pvt Ltd. Available at <http://dx.doi.org/10.22159/ajpcr.2020.v13i8.37613>.
- ^{*f} 6. Fagbohun, O. F., OriyomI, O. V., Adekola, M. B., and Msagati, T. A. (2020): Biochemical Applications of *Kigelia africana* (Lam.) Benth. Fruit Extracts in *Diabetes mellitus*. *Comparative Clinical Pathology*, 29: 1251-1264. Published by Springer-Verlag London Ltd. Available at <https://doi.org/10.1007/s00580-020-03179-9>. Indexed in Scimago and Scopus.
- ^{*f} 7. Taiwo, A. M., Adekola, M. B., Olatunde, K. A., Abdullahi K. L., Ogunkoya, P. K., Lawal, E. R., Adenekan, A., Avan, O. J., Jimoh, A. O., and Oladimeji, G. (2021): Human health risk assessment of essential and non-essential metals in vegetables (Jute Mallow, Onions, Celosia, Spinach and Tomatoes) from Ogun, Lagos and Oyo states, southwestern Nigeria. *Vegetos, Springer*, 34: 390-403. Published by Springer Nature, Switzerland, Available at <https://doi.org/10.1007/s42535-021-00217-x>. Indexed in Scopus.
- ^{*f} 8. Adekola, M. B., Areola, J. O., Fagbohun, O. F., Asaolu, F. T., Ogundepo, G. E., Fajobi, A.O. and Babalola, O.O. (2022): In-vitro antioxidant and anti-inflammatory activities of ethanol stem-barkextract of *Blighia sapida* K. D. Koenig, *Journal of Pharmaceutical Analysis*, 12: 350-354. Published by Elsevier B.V. on behalf of Xi'an Jiaotong University. Available at <https://doi.org/10.1016/j.jpha.2021.04.002>. Indexed in Scopus.
- ^{*f} 9. Adekola, M. B. (2022): Comparative analysis of the proximate composition, vitamins contents, and metals profile of Nigerian rice (*Oryza glaberrima*) and imported rice (*Oryza sativa*). *Makerere University Journal of Agricultural and Environmental Sciences*, 11(1): 25-39. Published by Makerere University, Uganda.

*^f 10. Olatunde, K. A., Adekola, M. B., Jimmy, T. A., Koko, O. O., Ekhaton, F. O. and Adekunle A. A. (2022): Contamination status and ecological risk assessment of heavy metals in wetland soil, Federal University of Agriculture Abeokuta Nigeria. *Nigerian Journal of Soil Science*, 32(1): 102-111. Published by The Soil Science Society of Nigeria (SSSN).

* 11. Adekola, M. B., Omisore, N. O., Areola, J. O., Oriyomi, V. O., Adesina, A. F. and Babalola, O.O. (2021): Antiplasmodial Activities of Ethanol and Ethyl Acetate Stem-Bark Extract/Fraction of *Blighia sapida* K.D. Koenig on Mice Infected with *Plasmodium berghei*. *Journal of Natural Science, Engineering and Technology*, 20(1): 80-92. Published by Federal University of Agriculture, Abeokuta.

f - Foreign/international Journals.

* - Additional Articles after last promotion.

10. MAJOR CONFERENCE ATTENDED WITH PAPERS PRESENTED

i. 5th Annual South-South Conference of Nigerian Society of Biochemistry and Molecular Biology, Federal University Otuoke, Nigeria 2020

Paper Accepted: Antiplasmodial Activity of Ethyl Acetate Fraction from Stem- Bark Extract of *Blighia sapida* K.D. Koenig on Mice Infected with *Plasmodium berghei*

11. EXTRA-CURRICULAR ACTIVITIES

- i. Reading
- ii. Research
- iii. Traveling

12. REFEREES

(i) Professor B. S. Bada,
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Signature

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Date

PROFILE

Dr. Adekola, Mukaila Babatunde is a Biochemist, he bagged his first degree in Biochemistry from Adekunle Ajasin University, Akungba akoko (AAUA) between 2004 and 2008. He later proceeded to Obafemi Awolowo University, Ile Ife, Osun State, Nigeria, where he obtained Masters of Science (M. Sc.) in Biochemistry (Toxicology Option) in 2014 and Doctor of Philosophy (Ph.D.) Degree in Biochemistry in 2018.

Dr. Adekola started his academic career in 2015 as a Biology Lecturer at Osun State University, Centre for Pre-Degree Studies, before he was employed in 2017 as Assistant Lecturer at Department of Environmental Management and Toxicology, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.

Dr. Adekola's research interest areas include Phytochemistry, Environmental Toxicology, Pharmacology, Biochemical biomarkers, Xenobiotic, Pharmacological Evaluation, Phytochemicals, Pesticides and its effects, Antioxidants and Herbal Medicine.

Contact Information

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