

CURRICULUM VITAE

A. GENERAL INFORMATION

1. Name: ABORISADE Abiodun Bukunmi
2. Date and Place of birth: December 25, 1986; Iwo Osun State
3. Gender: Female
4. Nationality: Nigerian
5. State of Origin: Osun State
6. Local Government Area: Boluwaduro LGA
7. Marital Status: Single
8. Names and Ages of Children: Nil
9. Name and Relationship of the next of Kin: Olabisi Aborisade/Mother/08139461902
10. Permanent Contact Address: Salotun's compound, Igbajo, Osun State
11. E-mail Address: ababorisade@pgschool.lautech.edu.ng
12. Registration with Research Gate: Yes
13. If Yes, Provide link: [www.researchgate.net/profile/Abiodun Bukunmi-Aborisade](http://www.researchgate.net/profile/Abiodun-Bukunmi-Aborisade) ,
ORCID ID:0000-0002-7701-3729
14. Registration with Google Scholar: Yes
15. If No, Why: N/A
16. If Yes, Provide link: scholar.google.com/citations?profile&hl=en
17. If No, Why: N/A
18. Cell Phone Number: 08107235901, 08035956511
19. College/Faculty/Unit: College of Health Sciences
20. Department: Medical Biochemistry
21. Position on First Appointment with University: Lecturer II
22. Present Position & Salary (Grade level & step): Lecturer II; CONUASS 3 step 1
23. Date of Present Position (Promotion/Re-grading): October 16, 2024
24. Is your appointment confirmed: No
25. If No, why Not: Confirmation in view
26. Date of Confirmation of Appointment: Not yet Applicable

B. **EDUCATIONAL BACKGROUND**

1. **Educational Institutions Attended with Dates**

- i Ladoke Akintola University of Technology, Ogbomoso 2005-2011
- ii Ladoke Akintola University of Technology, Ogbomoso 2014-2018
- iii Ladoke Akintola University of Technology, Ogbomoso 2019-2023

2. **Academic and Professional Qualifications with Dates /Issuing Authority**

- i Bachelor of Technology (B.Tech) Biochemistry- Second Class lower 2011
- ii. Master of Technology (M.Tech) Biochemistry (Phytomedicine) 2018
- iii. PhD Biochemistry (Environmental toxicology) 2023

3. **Other Relevant Qualifications: Nil**
4. **Honor Awards and Qualification:**
5. **Research Fellowships with Dates: Nil**

C. WORK EXPERIENCE OUTSIDE THE UNIVERSITY SYSTEM

- i Lecturer III at Osun State College of Technology Esa Oke 2014-2019
- ii Senior Research Officer at Nigeria Institute of Oceanography and Marine Research 2019-2024

D. WORK EXPERIENCE IN OTHER UNIVERSITIES: Nil

E. WORK EXPERIENCE IN OSUN STATE UNIVERSITY: Nil

F. MEMBERSHIP OF PROFESSIONAL BODIES:

- i. Nigerian Society for Biochemistry and Molecular Biology (NSBMB)
- ii Nigeria Society for Sciences (NSS)
- iii Science Association of Nigeria (SAN)
- iv Agricultural Society of Nigeria (ASN)
- v Society of Toxicology (SOT), postdoctoral Assembly

G. SERVICE

1. University: Nil

2. Community:

- | | |
|--|------------|
| 1. Member of Reviewer of Result Committee (Chemistry Unit, SLT) | 2017- 2019 |
| 2. Member of Accreditation team (Biochemistry Unit) SLT Dept | 2018 |
| 3. In charge of welfare for faculty Presentation (BMS, LAUTECH) | 2021-2023 |
| 4. Financial Secretary Biochemistry class 05 set (LAUTECH) | 2022-till |
| 5. Program coordinator latter glory society of UB Church, Osogbo | 2023 |

3. International: Nil

H. COURSES TAUGHT DURING THE CURRENT ACADEMIC SESSION: Nil

I. GRADUATE STUDIES SUPERVISION: Nil

J. PUBLICATIONS:

i. Books (author/co-author)

(i) **Aborisade A.B.** (2011). Hepatoprotective Effect of *Telfairia occidentalis* (UGU) Leave on Carbon Tetrachloride Induced Liver Damage. A B.Tech (Hons.) Project submitted to the Department of Biochemistry, Faculty of Basic Medical Sciences, Ladoke Akintola University of Technology, Ogbomosho, Nigeria.

(ii) **Aborisade A.B.** (2018). Evaluation of Antiplasmodial potential of *Launaea taraxacifolia* (YANRIN) Leaves Extracts in *Plasmodium berghei* infected mice. An M. Tech dissertation submitted to the Department of Biochemistry, Faculty of Basic Medical Sciences, Ladoke Akintola University of Technology Ogbomosho, Nigeria.

(iii) **Aborisade A.B.** (2023). Quantification of heavy metals and polycyclic aromatic hydrocarbons in fish from Lagos Lagoon and associated health risks in rats. A PhD dissertation submitted to the Department of Biochemistry, Faculty of Basic Medical Sciences, Ladoke Akintola University of Technology Ogbomosho, Nigeria.

ii. Books (edited/co-edited)

iii. Monographs

iv. Chapters in Books:

v. Articles in learned Journals:

1. Johnson Seyi Olaniran, Temitope Deborah Olaniyi, Gbadebo E. Adeleke, **Abiodun Bukunmi Aborisade**, and Adewale Adetutu (2025). Hepatoprotective Effect of *Anogeissus leiocarpus* against Carbon Tetrachloride-induced Toxicity in Rat Liver Damage, Asian Journal of Research in Biosciences. Volume 7, issue 1, page 62-74, Article no. AJORIB.1858. Doi: <https://doi.org/10.56557/ajorib/2025/v7i1111>
2. Tunbosun Emmanuel Akinboboye, Temitope Deborah Olaniyi, Gbadebo E. Adeleke, **Abiodun Bukunmi Aborisade**, and Adewale Adetutu (2025). The Hepatoprotective Effects of *Euphorbia hirta* in ameliorating Paracetamol-Induced Liver Injury in Rats. Asian Journal of Research in Biosciences. Volume 7, issue 1, page 75-85, Article no. AJORIB.1863. Doi: <https://doi.org/10.56557/ajorib/2025/v7i1112>
3. Adewale Adetutu, Johnson Seyi Olaniran, Temitope Deborah Olaniyi, **Abiodun Bukunmi Aborisade** and Gbadebo E. Adeleke (2025). Hepatoprotective and Anti-inflammatory Potential of *Anogeissus leiocarpus* in Rat Models of Carbon Tetrachloride and Acetaminophen-induced Liver injury: Implications for Human Therapeutics. Journal of Basic and Applied Zoology. Springer Nature
4. Adewale Adetutu, **Abiodun Bukunmi Aborisade** and Temitope Deborah Olaniyi (2024). Turmeric as a Therapeutic Agent against Arsenic-Induced Metabolic Dysregulation in Rat Models, *Journal of Pharmacological Research-Natural Products*, <https://doi.org/10.1016/j.prenap.2024.100110>. Elsevier, Brazil
5. Michael Femi Omotoso, Temitope Deborah Olaniyi, **Abiodun Bukunmi Aborisade** and Adewale Adetutu (2024). Antisalmonella Activities of Essential Oil of *Psidium guajava* Leaves: An In vitro and In vivo Study. *Asian Plant Research Journal* Volume 12, Issue 6, Page 12-26, 2024; Article no. APRJ.124856 ISSN: 2581-9992
6. Adewale Adetutu Peter Ifeoluwa Adegbola and **Abiodun Bukunmi Aborisade** (2024). Low Dose of Nickel and Benzo [a] Anthracene in Rat-Diet, Induce Apoptosis, Fibrosis,

and Initiate Carcinogenesis in Liver via NF- κ B Pathway Biological Trace Element Research <https://doi.org/10.1007/s12011-024-04177-6>. Springer Nature, USA

7. Peter Ifeoluwa Adegbola, **Abiodun Bukunmi Aborisade**, Temitope Deborah Olaniyi and Adewale Adetutu (2024). Evaluation of long-term effects of nickel and benzo [a] anthracene contaminated diets in rats' kidney; mimicking human exposure from food. Int J Biochem Mol Biol;15(1):8-19 www.ijbmb.org /ISSN:2152-4114/IJBMB0154747, USA
8. Adewale Adetutu, **Abiodun Bukunmi Aborisade** and Peter Ifeoluwa Adegbola (2023). Ginger mitigated the health risks associated with arsenic-contamination of rat feed via inflammatory and apoptosis regulation. Ecotoxicology and Environmental safety. <https://doi.org/10.1016/j.ecoenv.2023.115768>. Elsevier, United Kingdom
9. Adewale Adetutu, Peter Ifeoluwa Adegbola and **Abiodun Bukunmi Aborisade** (2023). Heavy metal concentrations in four fish species from the Lagos lagoon and their human health implications. Heliyon.<https://doi.org/10.1016/j.heliyon.2023.e.21689>. Elsevier, United Kingdom
10. **Abiodun Bukunmi Aborisade**, Adewale Adetutu and Peter Ifeoluwa Adegbola (2023). Polycyclic aromatic hydrocarbons distribution in fish tissues and human health risk assessment on consumption of four fish species collected from Lagos Lagoon, Nigeria Environmental Science and Pollution Research <https://doi.org/10.1007/s11356-023-30954-2>. Elsevier, United Kingdom
11. Peter Ifeoluwa Adegbola, **Abiodun Bukunmi Aborisade**, and Adewale Adetutu (2023). Liver disease prediction in rats exposed to environmental toxicants using Machine-learning techniques journal of Informatics in Medicine Unlocked 42 101369 <https://doi.org/10.1016/j.imu.2023.101369>. Elsevier, Pakistan
12. Adetutu Adewale, Adegbola Peter Ifeoluwa, Owoade Abiodun Olusoji and **Aborisade Abiodun Bukunmi** (2022). Fish as a bioindicator of polycyclic aromatic hydrocarbon pollution in aquatic ecosystem of Ogun and Eleyele Rivers, Nigeria, and risk assessment for consumer's health; Journals of Hazardous Materials DOI: <https://doi.org/10.1016/j.hazadv.2022.100096>. Elsevier, USA.
13. Akinboro Adetayo, Adedosu Olaniyi Temitope , Badmus Jelili Abiodun, Adegbola Peter Ifeoluwa, Abubakar Mohammed Y, James Rebecca O and **Aborisade Abiodun Bukunmi** (2021). Evaluation of redox status and organ protective effects of Aspalathus

linearis extract in Arsenic exposed Rats. *Phytomedicine Plus*, doi: <https://doi.org/10.1016/j.phyplu.2021.100171>. Elsevier, Germany.

14. Adegbola Ifeoluwa, **Aborisade Abiodun Bukunmi** and Adetutu Adewale (2021). Health risk assessment and heavy metal accumulation in fish species (*Clarias gariepinus* and *Sarotherodon melanotheron*) from industrially polluted Ogun and Eleyele Rivers, Nigeria. *Journal of Toxicology Reports* PII: S2214-7500(21)00134-7 DOI: <https://doi.org/10.1016/j.toxrep.2021.07.007>. Elsevier, USA.
15. Adewale Adetutu, Abiodun Olusoji Owoade, Ifewumi Racheal Aderibigbe, Olubunmi Simeon Oyekunle, Peter Ifeoluwa Adegbola, **Aborisade Abiodun Bukunmi**, Deborah Temitope Olaniyi and Fatima Aluko Abubakar (2020). Selected Plant Extracts Attenuates Dimethylamine and Sodium Nitrite Induced Liver Injury in Experimental Mice. *Journal of Pharmaceutical Research International* 32(25): 76-88, 2020; Article no, JPRI.57559 ISSN: 2456-9119. United kingdom
16. Adewale Adetutu, Abiodun Olusoji Owoade, **Aborisade Abiodun Bukunmi** and Fatima Aluko Abubakar (2020). Alkaloid and terpenoid fractions from the leaves of *Launaea taraxacifolia* (Willd.) repressed the proliferation of *Plasmodium berghei* in mice. *Journal of Comparative Clinical Pathology* <https://doi.org/10.1007/s00580-020-03152-6>. Springer Nature, United Kingdom.
17. Olagoke V.O., Awojobi K.A., Adekeye A.A., Olasupo A.D., **Aborisade Abiodun Bukunmi** and Ogúnrinde T.O. (2018). Isolation and Characterization of Stream Water Bacterial in Esa Oke Metropolis. *Journal of Medical Microbiology and Diagnosis* ISSN; 2161- 0703, DOI; 10.4172/2161- 0703.1000276. HILARIS, USA.
18. Olasupo A.D., **Aborisade Abiodun Bukunmi** and Olagoke V.O. (2018). Phytochemical Analysis and Antibacterial Activities of Spinach Leaf. ISSN; 2321-2748, DOI;10.21767/2321-2748.100344, www.imedpub.com United State of America
19. Owoade O.A., Adetutu A. and **Aborisade Abiodun Bukunmi** (2017). Protective effects of *Moringa oleifera* leaves against oxidative stress in diabetic rats. *World Journal of Pharmaceutical Sciences* 2321-3310; ISSN 2321-3086 Available online at: <http://www.wjpsonline.org> Indian
20. **Aborisade Abiodun Bukunmi**, Adetutu A. and Owoade O.A. (2017). Phytochemical and Proximate Analysis of some Medicinal leaves. *Journal of Clinical Medicine Research*

<http://www.sciencepublishinggroup.com/j/cmr> ISSN: 2326-9049; ISSN: 2326-9057.
Japan

21. Olasupo A.D., Olagoke V.O. and **Aborisade Abiodun Bukunmi** (2017). Qualitative phytochemical screening of *Senecio biafrae* and *Veronia amygdalina* leaves. *Chemical Science International Journal* 20(3): 2456-706X Doi; 10.9734/CBJI/2017/35753. USA
22. Olagoke V.O., **Aborisade Abiodun Bukunmi** and Olasupo A.D. (2017). Antibiotics resistance Profile of Bacterial Isolates Cultured from urine Samples of HIV Seropositive Pregnant Women. *Microbiology Research Journal International* 21(4):2456-7043 Article No: MRJI.35262. India
23. Abubarka F.A., Adetutu A., Olorunnisola O.S., Soji-Omoniwa O., Abdulazeez A.T. and **Aborisade Abiodun Bukunmi** (2016). Effects of selected aqueous plants extracts on haematological parameters of Plasmodium berghei infected in mice. *Nigeria Journal of Pure and Applied Science* 29: 0794-0378 University of Ilorin, Nigeria.
24. Owoade A.O., **Aborisade A.B.**, Adetutu A. and Olorunnisola O.S. (2016). Evaluation of the effectiveness of *Tefairia occidentalis* (UGU) Leaves Extracts in the Amelioration of Carbon Tetrachloride Induced Liver Injuries and Oxidative Damage in Rats. *Journal of Advances in Medical and Pharmaceutical Sciences* 10(2): 2394-1111 doi; 10.9734/JAMPS/2016/29199. Egypt.

vi. Review Articles:

1. **Abiodun Bukunmi Aborisade**, Peter Ifeoluwa Adegbola and Adewale Adetutu (2024). Review on heavy metals in freshwater fish: Source, Distribution Pattern, Accumulation Levels and Human Health Risk Assessment in Major Rivers in Nigeria. *Asian journal of Biosciences*, 6(1), 49-70 Retrieved from <https://globalpresshub.com/index.php/AJORIB/article/view/1986s>
2. Adetutu Adewale, Adegbola Peter Ifeoluwa, Owoade Abiodun Olusoji, **Aborisade Abiodun Bukunmi** and Oyekunle Olubunmi Simeon (2021). Historical, Botanical and Medicinal Perspectives on Ginger (*Zingiber officinale*). *Journal of Complementary and Alternative Medical Research* DOI: 10.9734/JOCAMR/2021/v15i430274

vii. Referred Conference Proceedings:

1. Olajuyigbe O.O., **Aborisade A.B.**, Musa M., Okeleye A.A., Sodeeq A.T. and Hassan Y.N (2023). Awareness of Mycotoxin and Occurrence of Aflatoxigenic Mould in Dry Fish from Oyingbo Market, Lagos State, Nigeria. *Proceedings of 16th Annual conference*

and workshop of the Mycotoxicology Society of Nigeria (MSN), Akure October 23-26, 2023

2. **Aborisade A.B.**, A.A Okeleye, O.M. Esan, M.O. Awoyale, F.C.Egbe, O. Adeyemi-Doro and R.O. Esangbedo. (2022). Proximate analysis of fresh and smoked African Catfish (*Clarias gariepinus*) purchased from Alimosho market Lagos State Nigeria. Proceedings of the 56th Annual conference of the Agricultural society of Nigeria (ASN), Omu aran, Kwara Oct. 24-Oct. 28.2022.page 1513
3. A.T. Sodeeq, R.O. Esangbedo, I.A. Uzoalu, **Aborisade A.B.**, E.R. Ukazu, O.M. Esan and M.O.Awoyale (2022). Effect of smoking and spices on the Microbial quality of African catfish (*Clarias gariepinus*) from a fish farm in Alimosho Area of Lagos state, Nigeria. Proceedings of the 56th Annual conference of the Agricultural society of Nigeria (ASN), Omu aran, Kwara Oct. 24-Oct. 28.2022.page 1225
4. **Aborisade A.B.**, A. Adetutu, A.O. Owoade, and T.D. Olaniyi. (2022). Toxicological effect of short-term exposure of Rat to Arsenic and Protective role of Ginger (*Zinigiber officinale*) Proceedings of the 56th Annual conference of the Agricultural society of Nigeria (ASN), Omu aran, Kwara Oct. 24-Oct. 28.2022. Page 1461
5. Adejonwo O., Olusola, Ukazu E. Esangbedo R. and **Aborisade A.B.** (2021). Bioaccumulation of heavy metals concentration in mackerel (*Scomber japonicus*) purchased from Ijora fish market, Lagos state Nigeria. Proceedings of the 36th Annual conference Fisheries Society of Nigeria (FISON), Port Harcourt, Oct. 24th-29th, 2021.
6. A.O Abraham-Olukayode, F.C Egbe, M. Musa, S.H. Rayyan, O.O. Olajuyigbe, C.E. Oramadike, **Aborisade A.B.**, H. Yusuf and O.A. Adejonwo.(2019). Heavy Metals concentration in the Muscle tissue of Blue Crab (*Callinectes amnicola*) from Lagos lagoon, south western, Nigeria. Proceedings of the 53rd Annual conference Agricultural society of Nigeria (ASN), NCRI, Badegi, Nigeria Oct 21st -Oct.25th page 102-104
7. Oramadike C.E., Olajuyigbe O.O., Awoyale M.O., **Aborisade A.B.**, Akintunde O. and A.O. Olusola (2019). Antibiotics Susceptibility of Isolates of *Dentex congolensis* from Makoko Fish Market Lagos, Lagos State Nigeria. Proceedings of the 34th Annual Conference of Fisheries Society of Nigeria (FISON), Ebonyi, Oct. 28-Nov. 1 2019.
8. Oramadike C.E., Olajuyigbe O.O., **Aborisade A. B.**, Abraham- Olukayode A.O., Udo-Ezika U.C. and Egbuonu G.C. (2019). Antimicrobial Susceptibility of Bacteria Isolated from Retail Croaker Fish (*Pseudolithus Senegalenses*) from Makoko Fish Market,

Lagos. Proceedings of the 34th Annual Conference of Fisheries Society of Nigeria (FISON), Ebonyi, Oct. 28-Nov. 1 2019. Page 142-144.

9. Olasupo A.D., Olagoke V.O. and **Aborisade A.B.** (2017). Qualitative Phytochemical screening of *Senecio biafrae* and *Vernonia amygdalina* leaves. Proceedings of the 51st Annual Conference of Science Association of Nigeria (SAN) Canaan land Ota (2017). SAN-.17-CHEM-050 Page 52.
10. Olagoke V.O., **Aborisade A.B.** and Olasupo A.D. (2017). Antibiotics resistance profile of bacterial isolates cultured from urine samples of HIV seropositive pregnant women. Proceedings of the 5th Annual Conference of School of Sciences, Federal University of Technology, Akure (2017).
11. Esho B.M., Adewoyin V.A. and **Aborisade A.B.** (2017). Phytochemical Screening and Antioxidant Activities of the leaves of *Petivera alliacea*. Proceedings of the 5th Annual Conference of School of Sciences, Federal University of Technology, Akure (2017).

viii. Un-referred Conference Proceedings:

ix. Books reviews:

x. Technical Reports:

xi. Patents and Inventions:

xii. Online journals articles (for journals with no hard copies only)

K. CURRENT RESEARCH ACTIVITIES: Effect of bioaccumulation and biomagnification of microplastic and their associated health risk in fish collected from Lagos lagoon

(i) Funded Research: No

(ii) Non-funded/ Self-sponsored Research: Yes

L. CONFERENCE ATTENDED:

1. 56th Annual conference of the Agricultural society of Nigeria (ASN), Omu aran, Kwara Oct. 24-Oct. 28.2022. Page 1461. Toxicological effect of short-term exposure of Rat to Arsenic and Protective role of Ginger (*Zinigiber officinale*)
2. 56th Annual conference of the Agricultural society of Nigeria (ASN), Omu aran, Kwara Oct. 24-Oct. 28.2022.page 1513. Proximate analysis of fresh and smoked African Catfish (*Clarias gariepinus*) purchased from Alimosho market Lagos State Nigeria.

3. 36th Annual conference Fisheries Society of Nigeria (FISON), Port Harcourt, Oct. 24th-29th, 2021. Bioaccumulation of heavy metals concentration in mackerel (*Scomber japonicus*) purchased from Ijora fish market, Lagos state Nigeria.
4. 34th Annual Conference of Fisheries Society of Nigeria (FISON), Ebonyi, Oct. 28-Nov. 1 2019. Page 142-144. Antimicrobial Susceptibility of Bacteria Isolated from Retail Croaker Fish (*Pseudolithus Senegalenses*) from Makoko Fish Market, Lagos.
5. 34th Annual Conference of Fisheries Society of Nigeria (FISON), Ebonyi, Oct. 28-Nov. 1 2019. Antibiotics Susceptibility of Isolates of *Dentex congoensis* from Makoko Fish Market Lagos, Lagos State Nigeria.
6. 5th Annual Conference of School of Sciences, Federal University of Technology, Akure (2017). Phytochemical Screening and Antioxidant Activities of the leaves of *Petivera alliacea*.
7. Proceedings of the 51st Annual Conference of Science Association of Nigeria (SAN) Canaan land Ota (2017). SAN-17-CHEM-050 Page 52. Qualitative Phytochemical screening of *Senecio biafrae* and *Vernonia amygdalina* leaves.
8. 5th Annual Conference of School of Sciences, Federal University of Technology, Akure (2017). Antibiotics resistance profile of bacterial isolates cultured from urine samples of HIV seropositive pregnant women.

M. EXTRA-CURRICULAR ACTIVITIES: Reading and Travelling

N. SUMMARY OF CONTRIBUTION TO KNOWLEDGE

As a result of increasing human activities, global cycle of toxicants most especially Heavy metals and Polycyclic Aromatic Hydrocarbons (PAHs) have significantly increased and this has led to pollutions of air, water, soil and food and this has become a threat to the plant and animal communities, human race inclusive. Despite the Pentium of this toxicants and the plethora of their toxic effects, the precise mechanism of action of most of these toxicants remain enigmatic. My research interests have therefore focused on exploring the above. To this end, I have been able to establish the mechanistic pathway that exist between arsenic, cadmium and Benzo(a)pyrene exposure and cardiovascular diseases and that the dyslipidaemia effect of arsenic, cadmium and Benzo(a)pyrene depend on the inherent toxicity of arsenic, cadmium and Benzo(a)pyrene and its metabolic forms (metabolism).

O. REFEREES

1. Professor Adewale ADETUTU,

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2. Professor Olusoji Abiodun OWOADE,

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3. Doctor John Olabode FATOKI,

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Aborisade Abiodun Bukunmi (PhD)



04/03/2025

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Signature

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Date