

1. **Full Name:** ALADEJANA OLUWATOYIN MODUPE
2. **Date and Place of Birth:** 14th October 1980/ Ijan Ekiti
3. **Nationality:** Nigerian
4. **State of Origin:** Ekiti State
5. **Senatorial District:** Ekiti South
6. **Local Government Area in Nigeria:** Gbonyin Local Government
7. **Contact Detail:** **Home Address:** No 2, Aladesanmi, Street, Dada Estate, Osogbo, Osun State.
Postal Address: same as above
E-mail and phone number: toyinlesanmi@yahoo.co.uk 08034486807
8. **Marital Status:** Married
9. **Number of Children and their Ages:** Four
- i. Aladejana Talodabioluwa Wonderful (12 Years and 8 Months)
 - ii. Aladejana Temiloluwa Peace (9 Years and 10 Months)
 - iii. Aladejana Toluwanimi Dunamis (6 Years 11 Months)
 - iv. Aladejana Tomiloluwa Divine (3 Years 11 Months)
10. **Contact Detail of Next of Kin:** No 2, Aladesanmi, Street, Dada Estate, Osogbo, Osun State, Nigeria

CURRICULUM VITAE: ALADEJANA O. M. (Nee ILESANMI)

11. Institutions Attended with Date:

- i. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 2016 to-2019.
- ii. Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria. 2010- 2014.
- iii. University of Ado Ekiti, Ekiti, State Nigeria, (Now Ekiti, State University, Ado Ekiti) 2001-2005.

12. Academic Qualification and Distinctions obtained with Date:

- i. **Ph.D Microbiology, 2016 - 2019:** Department of Microbiology, Obafemi Awolowo University Ile-Ife, Osun State, Nigeria.
- ii. **Masters of Microbiology (M.Sc), 2010- 2014:** Department of Microbiology, Obafemi Awolowo University Ile-Ife. Osun State, Nigeria.
- iii. **Bachelor of Science (B.Sc.), 2001-2005:** Bachelor of Science (B.Sc.). Microbiology: Department of Microbiology, University of Ado Ekiti, Ekiti State, Nigeria. (Now Ekiti State University, Ado Ekiti,).

13. Work Experience with Dates:

Work Experience outside University System:

Quality Control Officer: July 2003- Sept 2003. Raw Material Analysis, Finished Product Analysis, Environment Analysis, Water Analysis, Sewage Analysis. *Nigeria Distilleries Limited. Abeokuta Express Way. Sango. Ogun State.*

Sales Executive: May 2007- March 2016: Warm Spring Waters Nigeria Ltd, Ikogosi Ekiti (A SUBSIDIARY OF UAC OF NIGERIA PLC)

Work Experience in other Educational System:

Lecturing: 2014-2016: Federal Polytechnic Ado-Ekiti Distance Learning Centre, Osogbo Osun State, Nigeria. (Lecturing).

Courses Taught; Cell Biology, Plant and Animal Physiology, General Biology.

Teaching: 2006-2007: Federal Science and Technology College, Awka, Anambra State, Nigeria (NYSC). Courses Taught; Biology, Integrated Science.

Work Experience in Kings University:

(a) Lecturing: Department of Biological Sciences, Microbiology Unit, Kings University, Odeomu Nigeria. **January 25th, 2016 till date:**

Courses Taught within University till Date:

- i. BIO 101: General Biology 1
- ii. B10 103: General Biology Practical 1
- iii. BIO 102: General Biology 2
- iv. BIO 104: General Biology Practical 2
- v. BIO 203: Ecology
- vi. BIO 204: Biological Techniques
- vii. MCB 102: Introductory Microbiology
- viii. MCB 201: General Microbiology
- ix. MCB 202: Basic Techniques in Microbiology
- x. MCB 301: Bacteria Diversity
- xi. MCB 303: Microbial Ecology
- xii. MCB 304: Biodeterioration
- xiii. MCB 407: Pathogenic Microbiology
- xiv. MCB 403: Pharmaceutical Microbiology
- xv. MCB 405: Microbial Physiology and Metabolism
- xvi. MCB 409: Pathogenic Microbiology
- xvii. MCB 411: Microbiological Quality Assurance

- xviii. BTH 408: Intellectual Property Rights and Bioethics
- xix. BTH 409: Biosafety, and Patent Law for Science Students

(b) **Present Employment, Status and Salary:** Lecturer 11, KUASS 03 STEP 1, One Million, Five hundred and forty-six thousand, Four hundred and fourteen naira, sixty five Kobo (1,546, 414.65) per Annum.

14. **Research interest and Activities:** My principal research interest lies in the field of Microbiology and emphasis on Environmental health and Molecular Microbiology.

Activities:

- Preparation of Practical Manuals for Biological courses, conducting practical classes for biology students at different level as well as grading their practical works.
- Preparation of Practical Manuals for Microbiology courses, conducting practical classes for microbiology students at different level as well as grading their practical works.
- Preparation of Course Curriculum for Department of Biological Sciences

15. Conferences/ Workshop Attended with Dates:

- (i) Seminar for Science Students by Center for Gender and Social Policy, Obafemi Awolowo University, Ile-Ife, Nigeria. November, 2013.
- (ii) 4th School of Science Computer Studies Annual International Conference, Federal Polytechnic, Ado Ekiti. 2nd – 4th Sept, 2013.
- (iii) Regional Food Science and Technology Summit and Annual General Meeting on Development and Promotion of Pre-Packaged Foods for Nutritional Enhancement and Poverty Alleviation. 23-25 June, 2015. Rufus Giwa Polytechnic Owo Ondo State. **Paper presented:** Ogunlade A.O and **Aladejana O.M** Proximate Composition of Traditional Cheese (Wara) Produced from selected animal Milk using Lemon Juice Extract and Steep water from selected grains as Coagulants.
- (iv) Nigeria Society for Microbiology South West Zonal Symposium. Harnessing Microbes for Health and Wealth. 5th-8th December, 2016.
Paper presented: (i) **Aladejana O.M**, Oluduro. O.A, Ogunlade A.O and Famurewa. O. Antibiotics Susceptibility of *Escherichia coli* Isolated From The Faecal Samples of Free Reared Turkey.
(ii) Ogunlade A.O, Onilude A.A, Ologunde C.A, **Aladejana O.M** (2016). Effect of Fermentation Methods on the Type of Pectinolytic Enzymes Produced from Banana peels by *Aspergillus niger*.
(iii) **Aladejana O. M**, Bakare M. K, Omoboye O. O Screening and Isolation of Amylase Producing *Bacillus Subtilis* from Deteriorating Yam
- (v) Faculty of Science Annual International Conference “Science: a tool for diversification and sustainability of the economy and health” at Conference Centre and Biological Science Lecture Theatres, Obafemi Awolowo University, Ile-Ife, Osun State. 5th – 7th September, 2016.

- (vi) Daniel & Fola Biotechnology Foundation. Theme: Nucleic Acid Extraction and PCR Technology. July 25th-27th, 2017.
- (vii) 2nd International Conference on Environment and Health. Redeemer's University, Ede, April 4th -5th , 2017
- (viii) American Society for Microbiology (ASM) Virtual Workshop on Scientific Writing and Publishing. 1st May, 2018.
- (ix) Nigeria Society for Microbiology South West 2nd Zonal Symposium. Microbes in Wealth Creation a Sure Way Out of Recession.14th - 16th May 2018.
- (x) Keystone Symposium: Theme: Leveraging Genomic Diversity to Promote Animal and Human Health Conference. Uganda. 24th - 31th Nov, 2018. **Paper presented: Aladejana O. M.**, Oluduro A. O., Famurewa O. Thonda O. A., Olawoye A. A. Occurrence and Multiple-Antibiotics Resistance Profile of Enterobacteriaceae Isolated from Bats Faecal Samples in Osun State, Nigeria.
- (xi) Nigeria Society for Microbiology South West 3rd Zonal Symposium. Harnessing Microbial Potentials for Sustainable Development. 7th - 9th May 2019. **Paper presented: Ogunlade A. O, and Aladejana O. M.** Effect of Ripening on the Production Characteristics of Pectinolytic Enzymes by *Aspergillus niger* using Banana Peels
- (xii) Keystone Symposia eSymposia on Vaccinology in the Age of Pandemics: Strategies against COVID-19 and Other Global Threats to be held June 15-16, 2020.
- (xiii) LAUTECH NANO 2020: Theme Human Existence and Resources Utilization: Extending the Frontiers through Nanotechnology. October 27- 28, 2020.
- (xiv) H3ABioNET Introduction to Bioinformatics (IBT) Course. Step 2020
- (xv) **Professional Accomplishment:**
 - **Chairperson**, Maiden Edition of Nigeria Society for Microbiology South West Zonal Symposium. Theme: Harnessing Microbes for Health and Wealth.5th-8th December, 2016.
 - **Global health travel award winner for Keystone symposia on Leveraging Genomic Diversity to Promote Animal and Human Health Conference.** Uganda. 24th - 31th Nov, 2018.
 - **Member, Local Organising Committee** Nigeria Society for Microbiology South West 3rd Zonal Symposium. Harnessing Microbial Potentials for Sustainable Development. 7th - 9th May 2019.
 - **Member**, Nigerian Society of Microbiology.
 - **Member**, Nigerian Bioinformatics and Genomics Network (NBGN)
 - **Member**, American Society for Microbiology (ASM)
 - **Member**, Nigerian Society of Microbial Ecology
 - **Member**, Organization for Women in Science for the Developing World (OWSDW) OAU Chapter

(xvi) **Publications with Dates:**
Thesis / Dissertation:

- i. Coliform Population and Multiple antibiotic Resistance Pattern of Enteric Bacteria from Untreated Rural Water Sources, B.Sc. Thesis, University of Ado-Ekiti, Nigeria. 2005.
- ii. Screening, Isolation and Purification of Amylase Produced By A Bacterium From Deteriorating Yam, M. Sc. Thesis, Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria 2014.
- iii. Isolation and Characterization of Enterobacteriaceae from Faecal Samples of Straw Coloured Fruit Bat (*Eldolon helvum*) in Osun State, Nigeria. 2019.

Published Journal Article:

ORCID: [0000-0002-0377-9350](https://orcid.org/0000-0002-0377-9350)

Googlescholar: <https://scholar.google.com/citations?user=VNC8ekIAAAAJ&hl=en>

LiveDNA: <https://livedna.net/?dna=234.33751>

- i. Oluyeye J. O, Oluyeye A .O, Dada O.D, Ogunbanjo O, **Ilesanmi O**, Aregbesola O. Incidence of Drug Resistance Bacteria and Physiochemical Properties of Ero Dam, Nigeria. Report and Opinion. Volume 2, No 12 Page 78-85. 2010. doi:[10.7537/marsroj021210.15](https://doi.org/10.7537/marsroj021210.15)
- ii. Aladejana, O. M. (2014). Screening, isolation and purification of amylase produced by a bacterium from deteriorating yam. https://scholar.google.com/citations?view_op=view_citation&hl=en&user=VNC8ekIAAAAJ&citation_for_view=VNC8ekIAAAAJ:u5HHmVD_uO8C
- iii. Oludare T. O., Bamidele O., **Aladejana O. M.** and Ogunlade A. O. (2017). Evaluation of Antimicrobial Activity, Synergistic Efficacy, Qualitative and Quantitative Phytochemical Determination of Alstonia Boonei Leaf and Stem Bark on Selected Clinical Isolates. Triple A Research Journal of Multidisciplinary (JMD) Vol. 1(1): 001 - 014. <https://www.ajol.info/index.php/nifoj/article/view/157510>
- iv. Oludare T. O., Akinola M. O., **Aladejana O. M.** and Ogunlade A. O. (2017). Efficacy of Essential Oils from Persea americana Stem Bark and Seed Extracts. Journal of Applied Microbiology and Biochemistry Vol.1 No. 3:12. DOI: 10.21767/2576-1412.100012
- v. Thonda O. A., Oluduro A. O., Osuntokun O. T., **Aladejana O. M.** ,Ajadi F. A. (2018) Occurrence and Multiple antibiotic Susceptibility Profile of Bacterial Pathogens Isolated from Patients Chronic Respiratory Diseases. JMSCR Vol 06 Issue 03 Page 819-826. DOI: <https://dx.doi.org/10.18535/jmscr/v6i3.138>
- vi. Osuntokun O. T, Thonda O. A, Taiye A. J and **Aladejana O. M** (2018). Microbiological Analysis and Susceptibility Pattern of Bacteria Isolated from *Ratus rattus* and *Felis catus* Faecal Pellets from Residential Houses of Akungba Communities in Ondo State, Nigeria. Top 10 Contributions on Molecular Biology. Publisher: Avid Science ISBN: 978-93-88170-11-6

- vii. Ogunlade A.O and **Aladejana O.M** (2019). Influence of Blanching on the Production of Pectinase from Banana Peels by *Aspergillus niger*. International journal of Microbiology and Biotechnology.4 (1) 8-11. doi: 10.11648/j.ijmb.20190401.12
- viii. Oludare Temitope Osuntokun, Agbi Mayowa, Thonda O. A and **ALADEJANA O. M** (2019) Pre/Post Plasmid Curing and Killing Kinetic Reactivity of *Discorea Bulbifera* Linn Against Multiple Antibiotics Resistant Clinical Isolates, Using *Escherichia coli* as a Case Study. International Journal of Cell Science and Molecular Biology. Volume6 Issue2. DOI: 10.19080/IJCSMB.2019.06.555685
- ix. Ayodele O. Ogunlade, Victor O. Oyetayo, Anthony O. Ojokoh, **Oluwatoyin M. Aladejana** (2019). Influence of Different Coagulants on the Amino acid Content of Soft cheese (wara) Produced from Sheep milk. *Journal of Research in Agriculture and Animal Science. Volume 6 ~ Issue 1 pp: 35-39.7*
- x. Aladejana, O. M. (2019). Isolation and Characterization of Enterobacteriaceae from Faecal Samples of Straw Coloured Fruit Bat (*Eidolon Helvum KERR*) in Osun State, Nigeria. https://scholar.google.com/citations?view_op=view_citation&hl=en&user=VNC8ekIAAAAJ&citation_for_view=VNC8ekIAAAAJ:ufrVoPGSRksC
- xi. **Oluwatoyin M. ALADEJANA**, Olaoluwa OYEDEJI, Olumide O. OMOBOYE, Mufutau K. BAKARE (2020). Production, purification and characterization of thermostable alpha amylase from *Bacillus subtilis* Y25 isolated from decaying yam (*Dioscorea rotundata*) tuber. *Notulae Scientia Biologicae* 12(1):154-171. DOI:10.15835/nsb12110521
- xii. A O. Ogunlade, V O. Oyetayo, A O. Ojokoh and **O M. ALADEJANA** (2020). Comparative Studies On The Percentage Yield Of Soft Cheese Produced From Various Animals's Milk Using Different Coagulants *Journal of Environmental Science, Toxicology and Food Technology* 14;4 pp 01-05. DOI: 10.9790/2402-1404040105
- xiii. Clement Olusola Ogidi, Oluwatobiloba Hannah George, **Oluwatoyin Modupe Aladejana**, Olu Malomo, Oladiran Famurewa (2020). Fruit preservation with bioethanol obtained from the fermentation of brewer's spent grain with *Saccharomyces carlsbergensis*. *Rev. Fac. Nac. Agron. Medellín*, Volumen 73, Número 3, p. 9321-9331, ISSN electrónico 2248-7026. ISSN impreso 0304-2847 <https://doi.org/10.15446/rfnam.v73n3.85316>.
- xiv. Thonda Oluwakemi Abike, Oludare Temitope Osuntokun, **Aladejana Oluwatoyin Modupe**, Ajadi Fatima Adenike and Akinyemi R. Atinuke. (2020). Antimicrobial Efficacy, Secondary Metabolite Constituents, Ligand Docking of *Enantia chlorantha* on Selected Multidrug Resistance Bacteria and Fungi. *Journal of Advances in Biology and Biotechnology*. 23(6): 17-32, Article no.JABB.60911 ISSN: 2394-1081. DOI: 10.9734/JABB/2020/v23i630161
- xv. Oluwakemi Abike Thonda, Debbie Okorie, Clement Olusola Ogidi, **Oluwatoyin Modupe Aladejana**, Boyede Olowoakeere, Abimbola Olawoye (2020).

- Antibacterial Efficacy of *Vernonia Amygdalina* Against Bacteria Strains Recovered from Hospital Fomites, Nigeria. DOI: 10.32474/CTBM.2020.02.000131
- xvi. Clement Olusola Ogidi, Ayokunbi Elizabeth Ojo, Oluwatayo Benjamin Ajayi-Moses, **Oluwatoyin Modupe Aladejana**, Oluwakemi Abike Thonda and Bamidele Juliet Akinyele (2021). Synergistic antifungal evaluation of over-the-counter antifungal creams with turmeric essential oil or *Aloe vera* gel against pathogenic fungi. *BMC Complement Med Ther* 21, 47. <https://doi.org/10.1186/s12906-021-03205-5>.
- xvii. **Oluwatoyin Modupe Aladejana**, Oladiran Famurewa, Chibuzor Ikenna Onyia , Oluwakemi Abike Thonda, Clement Olusola Ogidi and Abimbola Abosede Olawoye. Isolation and Multiple Antibiotic Resistance Pattern of Enteric Bacteria Isolated from Faecal Samples of *Thryonomys swinderianus* in Sekona Osun State, Nigeria. (2021) *Asian Journal of Research in Animal and Veterinary Sciences* 7(4): 23-28, 2021; Articlno.AJRAVS.62456.<https://journalajravs.com/index.php/AJRAVS/article/view/30143>
- xviii. Aladejana, O. M. , Oluyeye, J. O. , Olowomofe, T. O. Obayemi, I. E and Oluyeye, D.E (2021). Multiple antibiotic resistance of airborne bacteria in outdoor markets in Ado-Ekiti metropolis. DOI: 10.2478/sjecr-2020-0042
- xix. Aladejana, O. M., Oluduro A. O. (2021). Molecular characterization of extended spectrum β -lactamaseproducing- Enterobacteriaceae from bats (*Eidolon helvum*) faeces in Osun State, Nigeria. *BIOLOGICA NYSSANA*. 12 (1): 79-86. DOI: 10.5281/zenodo.5523057

Article Submitted for Publication:

- (i) **Aladejana, Oluwatoyin Modupe**, Oluduro, Antonia Olufunke, Famurewa, Oladiran, Thonda, Oluwakemi Abike. Molecular Characterization of Resistance and Virulence Genes in *Escherichia coli* Isolated from Bats (*Eidolon helvum*) Faeces in Osun State, Nigeria.
- (ii) **Aladejana, Oluwatoyin Modupe**, Oluduro, Anthonia Olufunke, and Babatunde, Shola Kemi Characterization of Multiple Antibiotic Resistant *Salmonella* species in Faeces of Straw Coloured Fruit Bats (*Eidolon helvum*. Kerr) in Osun State, Nigeria.

Extra-curricular Activities Within and Outside the University

Within the University

- **Chairperson**, Maiden Edition of Nigeria Society for Microbiology South West Zonal Symposium. 5th-8th December, 2016. Kings University Odeomu, Osun State Nigeria
- **Member**, Kings University, Investitures and first Matriculation Committee. March 17, 2016
- **Member**, Kings University Faculty of Science Board Committee. 2015/2016 and 2016/2018 Academic session.
- **Member**, Kings University Maiden University Lecture. February 17th 2017,
- **Member**, Kings University Faculty of Science First annual Lecture. November 21th 2017.
- **Secretary**, Department of Biological Sciences Curriculum Committee.
- **Course Adviser**, Biological Sciences Student, 2015/2016 and 2016/2017 session.
- **Member**, Kings University Faculty of Science Second annual Lecture. 2018.
- **Course Adviser, Part 2** Biological Sciences Student, 2018/2019 Set.
- **Member**, Kings University Cafeteria committee January 2020 till date
- **Course Adviser, Part 4** Biological Sciences Student, 2019/2020 Set.
- **Member**, Kings University Entrepreneur committee March 2020 till date
- **Member**, Kings University, Student's hand book review committee 2020
- **Course Adviser, Part 3** Biological Sciences Student, 2019/2020 Set
- **Course Adviser, Part 2** Biological Sciences Student, 2020/202021 Set
- **Course Adviser, Part 3** Biological Sciences Student, 2021/202022 Set
- **Chairman**, Kings University Mobilization Committee October 2020 till date
- **Chairman**, Kings University Welfare Committee October 2020 till date
- **Member**, Kings University Ceremonial Committee 2020/2021 till date
- **Member**, Kings University Entrepreneurship Committee 2020/2021 till date
- **Member**, Kings University Chapel Committee 2020/2021 till date
- **Member**, Kings University Faculty of Science Third annual Lecture. 27th 2021.
- **Chairman**, Cafeteria Committee August 2021 till date

Scholarship

Carnegie Sponsored Scholarship for Female Postgraduate Students by Gender and Social Policy Studies Obafemi Awolowo University, Ile-Ife, Nigeria. January 2013

Outside the University:

- **Member**, Lay readers, Dioceses of Ekiti, Anglican Communion
- **Member**, Lay- reader, Diocese of Osun Anglican Communion.
- **Member**, Mothers unions, Church of Nigeria, Anglican Communion.
- **Member**, Women's quid, Church of Nigeria, Anglican Communion.

- **Member,** Church Parish Council, St Matthia's Anglican Church, Adetoro layout, Olorunsogo, Dada Estate, Osogbo.
- **Co-Ordinator,** Spinsters Fellowship, St Matthia's Anglican Church, Adetoro layout, Olorunsogo, Dada Estate, Osogbo.
- **Co-Ordinator,** House Fellowship Units, St Matthia's Anglican Church, Adetoro layout, Olorunsogo, Dada Estate, Osogbo.
- **Convener:** Couples Rendezvous.
- **Member, Local Organising Committee,** ICT Retreat Boot Camp 2019. By Initiative for Youths Resource Centre. 4th- 18th August 2019.