Adeboye Love Emmanuel

104 Emmanuel High Street Estate, Ogudu
adeboyelove@gmail.com | love.adeboye@federalpolyilaro.edu.ng
+2349053693651 | +2347041109823
linkedin.com/in/adeboyelove

Profile

Early-career Genetics researcher and lecturer with developing expertise in oncology and plant-based therapeutic studies. Skilled in DNA sequencing, histopathological analysis, and applied genetics, with publications in peer-reviewed journals and presentations at national and international conferences. Currently serving as Lecturer II at Federal Polytechnic Ilaro, where I teach Genetics, Cell Biology, and Pathology while mentoring students in research. Motivated to advance biomedical research, foster collaboration, and contribute to innovative scientific projects.

Education

- **M.Sc. Genetics**, University of Lagos, Nigeria (2019 – 2021)
- **B.Sc. Cell Biology and Genetics**, University of Lagos, Nigeria (2014 – 2017)
- **West African School Certificate**, Complete Man International, Niger (2006 – 2012)

Research & Academic Experience

Federal Polytechnic Ilaro, Nigeria – Lecturer & Researcher (2019 – Present)

- Teach Genetics, Cell Biology, Physiology, and Pathology.
- Conduct oncology and plant extract therapeutic research.
- Perform DNA/RNA extractions, sequencing, and histopathological studies.
- Supervise undergraduate research projects and support laboratory operations.

University of Lagos, Nigeria – Graduate Researcher (2019 – 2021)

- MSc Thesis: *Protective Potential of Ficus Platyphylla on NMU-induced cancer in Mus musculus*.
- Conducted DNA sequencing analysis to identify cancer-related genetic markers.
- Performed histopathological evaluation of treatment effects on cancer progression.

University of Lagos, Nigeria – Undergraduate Researcher (2016 – 2017)

- Carried out ecological surveys on Mona Monkey population density.
- Applied GIS tools for conservation and spatial analysis.

Publications (Selected)

- Adeboye, L.E. et al. (2025). *Protective potential of ethanol extract of mango peel on NMU-induced mammary hyperplasia.* European Journal of Medicinal Plants.
- Kumoye, D.E. & Adeboye, L.E. (2025). *Comparative analysis of substrate pasteurization methods on Pleurotus pulmonaris.* IJOWITED.
- Remi-Esan, I.A. & Adeboye, L.E. (2024). *Antibacterial properties of Lophira alata extracts.* MJETS.
- Omotayo, O.S. & Adeboye, L.E. (2024). *Antioxidant activity of Justicia carnea.* FEPI-JOPAS.

Conference Presentations (Selected)

- SPAS National Conference (2023) – *Curcuma longa guards against NMU-induced nephrotoxicity*.
- Joint Conference with Ecole Polytechnique, Benin Republic (2025) – *Plant extracts and synthetic fungicides on Solanum lycopersicum*.
- Federal Polytechnic Ilaro International Conference (2022) – *The Role of Innovation in Nigeria's Post-COVID-19 Recovery*.
- Federal Polytechnic Ekowe International Conference (2019) – *Effect of plant extracts on mycelia growth of cotton*.

Grants & Awards

- **TETFUND Research Grant (2024/2025):** *Protective potential of mango peel extract on NMU-induced mammary hyperplasia*.

Skills

- Genetics, Molecular Biology, Plant Therapeutics
- DNA Sequencing, Histopathology, PCR
- Data Analysis: SQL, Pandas, Power BI
- Academic Writing & Research Presentation
- Teaching & Mentorship

Professional Memberships

- Genetics Society of Nigeria (GSN)
- Nigerian Society for Experimental Biology (NISEB)
- Academic Staff Union of Polytechnics (ASUP)

Community Engagement

- Director, *The Complete Man Sustainability Initiative* – organized outreach programs and scholarships for disadvantaged youth.
- Volunteer in community health and youth empowerment initiatives.